Commission of Inquiry into the CFMEU and Misconduct in the Construction Industry

Bundle of Documents –
Statement of Trent Smith

Index of Exhibits to the Statement of Trent Smith

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TS-34	881 – 882	John Holland's response to Clarification #OFiM-105-C produced on 12 November 2021
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##	PAGES	DESCRIPTION
TS-36	885 – 887	Email from Loren Hickey dated 9 February 2022 at 7:08pm with subject line '*GCLR3 Status Update*'
TS-37	888 – 898	Gold Coast Light Rail Stage 3 BPIC Impact Assessment: Methodology dated 26 July 2021
TS-38	899 – 906	Gold Coast Light Rail Stage 3 BPIC Impact Assessment: RFC103C Responses dated 20 August 2021
TS-39	907 – 910	Email from Trent Smith dated 14 September 2021 at 12:22pm with subject line *'GCLR BPIC*'
TS-40	911 – 915	Executive Briefing on '*Qld BPIC Civil Strategy*' dated 24 September 2021
TS-41	916	Email from Ryan Dodd dated 29 September 2021 at 11:48am with subject line '*GCLR3 - Weekly Outputs - SB Update Points Pre-AY/JW Meeting*'
TS-42	917 – 918	Email from Trent Smith dated 2 November 2021 at 1:23pm with subject line '*BPIC EA Considerations*'
TS-43	919 – 920	Clarification #OFiM-105-C issued by the State on 5 November 2021
TS-44	921 – 925	Email from Trent Smith dated 8 November 2021 at 1:01pm with subject line '*Risk Considerations*' attaching document titled '*Risk Considerations – BPIC and GCLR3*'
TS-45	926 – 927	Email from Trent Smith dated 18 November 2021 at 10:33pm with subject line '*GCLR3 Update*'
TS-46	928 – 930	BPIC IR Risk Summary Table and flowchart presented by Trent Smith on 18 November 2021
TS-47	931 – 933	Clarification #OFiM-#-C issued by the State on 19 November 2021
TS-48	934 – 935	Email from Trent Smith dated 22 November 2021 at 10:51am with subject line '*IR Update – ELT Discussion*'
TS-49	936 – 947	John Holland's response to Clarification #OFiM-#-C dated 26 November 2021
TS-50	948 – 949	Email from Loren Hickey dated 26 November 2021 at 8:19am with subject line '*RE: GCLR3 - Exec Update email*'
TS-51	950 – 953	Email from Trent Smith dated 5 December 2021 at 11:32pm with subject line '*BPIC RFC*' and attaching briefing paper on '*QLD BPIC Civil Strategy Update*' dated 5 November 2021
TS-52	954 – 971	Memo prepared by Phil Mumford dated 3 December 2021 on '*BPIC IR RISK – Draft Principles*'
TS-53	972 – 981	Table setting out the positions of John Holland, GoldlinQ and DTMR in respect of the BPIC IR Risk Draft Principles

##	PAGES	DESCRIPTION
TS-54	982 – 984	Email chain between John Holland, CFMEU, ETU and Plumbers Union dated between 15 February 2022 at 4:49pm and 26 February 2022 at 7:59pm with subject line '*GCLR3 EA – Signing*'
TS-55	985 – 987	Email chain between John Holland and the AWU dated between 29 September 2021 at 8:58am and 6 October 2021 at 10:53am with subject line '*GCLR Draft Document*'
TS-56	988 – 989	Executive Briefing on '*Qld BPIC Civil Strategy*' dated 11 October 2021
TS-57	990	Email from Ryan Dodd dated 18 October 2021 at 11:43am
TS-58	991 – 992	Executive Briefing on '*AWU Briefing Note*' dated 19 October 2021
TS-59	993	Letter from Trent Smith to Steve Baker dated 21 October 2021 regarding '*Gold Coast Light Rail Stage 3 Project - Notice of Negotiation Period Commencement*'
TS-60	994 – 995	Email from Trent Smith dated 25 October 2021 at 6:46pm with subject line '*RE: TMR / AWU Meeting Feedback Discussion*'
TS-61	996 – 997	Email from Trent Smith dated 4 November 2021 at 9:11am with subject line '*BPIC Update*'
TS-62	998 – 1000	Email chain between Trent Smith and Scott Gartrell on 12 November 2021 between 7:43am and 10:07am with subject line '*Majority Coverage - Canberra light rail*'
TS-63	1001 – 1006	Summary of work stoppages on John Holland projects between
TS-64	1007 – 1009	Email chain between John Holland and the CFMEU dated 25 September 2023 between 7:45am and 3:19pm with subject line '*Wit*'
TS-65	1010 – 1011	Email from Gavin Hore dated 23 July 2024 at 3.51pm with the subject line '*Brian Humphreys conduct*'
TS-66	1012 – 1018	Letter from John Holland to GoldlinQ dated 2 October 2025 and attaching '*Moonyah Workforce - Jacinta Faingaa 'afuie BPIC Premium Reconciliation*'
TS-67	1019 – 1020	Tax Invoice from Moonyah to John Holland dated 17 July 2025
TS-68	1021 – 1022	Letter from GoldinQ to John Holland dated 28 October 2025 and attaching letter from DTMR to GoldlinQ dated 28 October 2025
TS-69	1023 – 1028	Bundle of emails between John Holland and the CFMEU dated between 26 September 2023 at 12:53pm and 24 October 2021 at 5:25pm
TS-70	1029	Memorandum of Understanding – John Holland Queensland Building Agreement signed by John Holland on 21 December 2023

QUEENSLAND PROCUREMENT POLICY 2018

Queensland Government

Queensland Procurement Policy (2018) © The State of Queensland (Department of Housing and Public Works)



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Administration

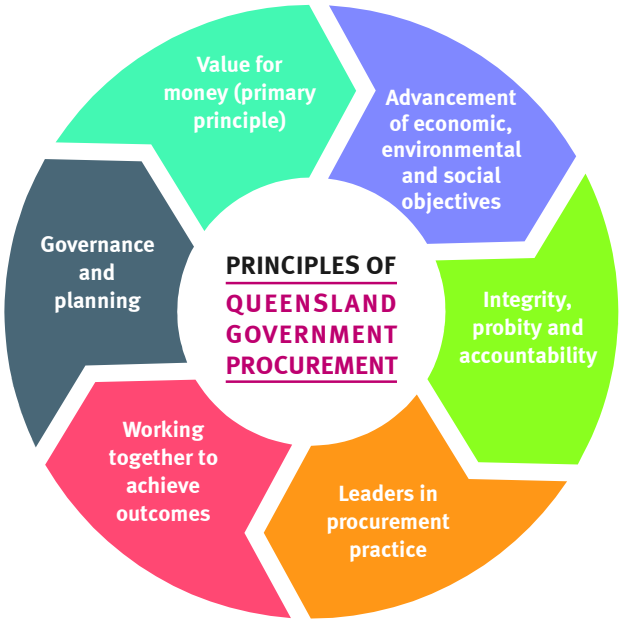
The application of best practice principles in clause 1.1 takes effect from 8 May 2018. The remainder of this policy takes effect from 1 June 2018. It replaces the Queensland Procurement Policy (September 2017).

Queensland
Procurement Policy

Every year the Queensland Government spends billions of dollars on a wide range of goods and services to support the delivery of frontline services for Queenslanders.

This means that the procurement activities of the Queensland Government not only have a budgetary impact, but also a significant impact on local communities and the services delivered to them throughout Queensland.

Ultimately, there is a need to ensure that procurement delivers value for money for taxpayers. Value for money means more than just the lowest price. In measuring value for money it must also advance the government's economic, environmental and social objectives for the long-term wellbeing of our community. Underpinning all of this is the need for probity to remain an integral component of procurement – part of procurement culture.



Policy authority

This policy is mandated for application to budget sector agencies, government owned corporations, statutory bodies and special purpose vehicles.

Procurement in the Queensland Government

An overview of the Queensland Government's procurement operating model and governance structure is provided at **Schedule 2**.

The Queensland Procurement Policy is the government's overarching policy for the procurement of goods and services.

It establishes a framework that maximises the benefits that can be delivered through procurement.

The policy aims to:

1. **Focus on the economic benefit to Queensland** – by applying a local benefits test for all significant procurement, and supporting secure and fair employment outcomes, and showcasing Queensland's food and beverage industry.
2. **Maximise Queensland suppliers' opportunity to participate** – by ensuring that for each procurement opportunity, at least one regional and one Queensland supplier, where possible, is invited to submit a quote or tender.
3. **Support regional and remote economies** – by allowing agencies to procure outside of whole-of-government supply arrangements for regional and remote locations.
4. **Support disadvantaged Queenslanders** – by increasing procurement with genuine, quality social enterprises.
5. **Stimulate the ICT sector and drive innovation** – by doubling the ICT pre-qualification exemption to $1 million.

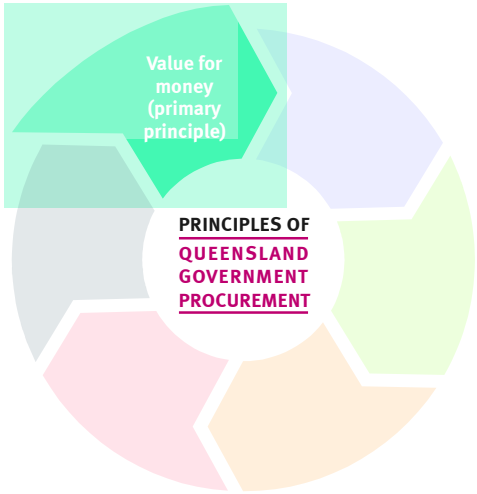
Policy principles

The Queensland Procurement Policy principles centre on:

- putting Queenslanders first when securing value for money – recognising that value for money is more than price paid
- working together to achieve outcomes – providing a flexible procurement framework based on an agency-led procurement model
- governance and planning – focusing on a category management approach with a strong governance framework and integrated planning
- leaders in procurement practice – professionalising the procurement discipline and building procurement capability
- integrity, probity and accountability – ensuring procurement is undertaken with integrity, that probity is appropriately managed, and that accountability for outcomes is maintained
- advancement of government objectives – providing the procurement framework to advance economic, environmental and social objectives.

Principles and their application

PRINCIPLE 1: PUTTING QUEENSLANDERS FIRST WHEN SECURING VALUE FOR MONEY



We drive value for money in our procurement

We pursue government targets through our procurement decisions.

We select the option that provides best value for money outcomes, pursuing economic, environmental and social objectives as well as price.

We deploy the most appropriate strategies to deliver the best procurement outcomes.

Intent

The Queensland Government is committed to ensuring value for money reflects more than just lowest price.

Government targets and commitments

Economic	• Require the application of '*best practice principles*' for all major projects valued at $100 million and above and declared projects, in accordance with guidance issued by the Department of Housing and Public Works and the Office of Industrial Relations. • Prioritising '*Buy Queensland first*' for food and beverages at events and corporate functions. • Build regions by increasing the participation of Queensland suppliers and local workforces in procurement opportunities. • Require the use of local contractors and manufacturers in significant Queensland Government infrastructure projects, worth $100 million and above, wherever possible. • Increase opportunities for apprentices and trainees in significant Queensland Government infrastructure projects, worth $100 million and above. • Increase government procurement with Aboriginal and Torres Strait Islander businesses to three per cent of addressable spend by 2022. • Focus on using the government's procurement activities to create genuine, quality, secure ongoing jobs for Queenslanders. • Focus on jobs, reducing long-term unemployment and youth unemployment, and increasing opportunities for training apprentices.
Environmental	• Procure Australian-sourced, environmentally accredited paper products. • Achieve net zero emissions by 2050. • Achieve one million rooftops or 3000 megawatts of solar photovoltaics (PV) in Queensland by 2020.
Social	• Increase spend with genuine, quality social enterprises, providing award based wages (using the Supported Wage System where appropriate) and pathways to mainstream employment for disadvantaged Queenslanders. • Take into account workplace policies and practices aimed at ending domestic and family violence as part of supplier evaluation and selection. • Ensure that all Queensland Government procurement activities are compliant with the*Disability Discrimination Act 1992* (Cth).

How to apply this principle		Applies to
1.1	Each agency must seek to obtain best value for money in its procurement. Agencies are mandated to address the following factors when assessing value for money: • conducting a local benefits test for all significant procurement where a weighting of up to 30 per cent may be applied • advancing relevant government objectives and the outcome being sought • cost-related factors including up-front price, whole-of-life costs and transaction costs associated with acquisition, use, holding, maintenance and disposal • non-cost factors such as fitness for purpose, quality, delivery, service, and support. For major projects of $100 million and above and declared projects, the value for money assessment must also include application of all of the following best practice principles: • workplace health and safety systems and standards • commitment to apprentices and trainees • best practice industrial relations • history of compliance with procurement, tendering and other government policy.	Budget sector agencies Statutory bodies GOCs[1]
1.2	Agencies will identify the procurement strategy and method (open, limited or selective) most appropriate for delivering the best procurement outcome. This will be based on an assessment of complexity, scope, opportunities and risks associated with procurement objectives, as well as the level of competition in the supply market.	Special purpose vehicles
1.3	Agencies may deal directly with their own agency or other Queensland Government agencies including commercialised business units.	
1.4	Agencies will: • use the Queensland Government's QTenders website to publish all open tenders • ensure the Queensland Contracts Directory is maintained and up to date.	
1.5	When identifying value for money priorities during category planning activities, category managers will pursue opportunities to advance relevant economic, environmental and social outcomes and objectives of the government. This includes factoring the achievement of targets set by government into planning and subsequent procurement activities.	
1.6	Lead agency category teams, in consultation with other budget sector agencies, are responsible for coordinating and publishing a forward procurement pipeline (minimum 12 month forecast) for their category.	Budget sector agencies
1.7	Statutory bodies, government owned corporations and special purpose vehicles will publish notices of potential future procurements on the Queensland Government's QTenders website, where the agency identifies there would be a benefit to it or the supply market from doing so.	Statutory bodies GOCs Special purpose vehicles
1.8	Agencies will measure and report on procurement benefits in accordance with whole-of-government procurement performance principles issued by the Office of the Chief Advisor – Procurement.	Budget sector agencies

1. GOCs – Government owned corporations.

PRINCIPLE 2: ADVANCEMENT OF ECONOMIC, ENVIRONMENTAL AND SOCIAL OBJECTIVES



We use our procurement to advance the government's economic, environmental and social objectives, and support the long-term wellbeing of our community

We ensure full, fair and reasonable opportunity for Queensland suppliers, including local suppliers and small businesses.

We do business with ethically, environmentally and socially responsible suppliers.

We pursue government's objectives from a whole-of-government and category perspective, prioritising these in our decision making.

Intent

The Queensland Government:

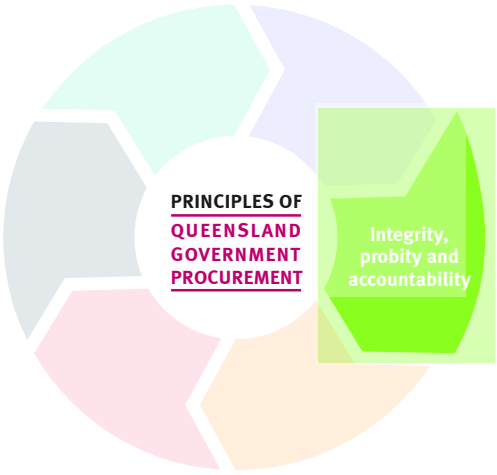
- is committed to ensuring that tenders are free from specifications or requirements that could limit opportunities for local industry and workforces
- acknowledges that every procurement activity is different. Decisions to advance objectives take into account a range of factors.

Government targets and commitments

Economic	• Require the application of '*best practice principles*' for all major projects valued at $100 million and above and declared projects, in accordance with guidance issued by the Department of Housing and Public Works and the Office of Industrial Relations. • Prioritising '*Buy Queensland first*' for food and beverages at events and corporate functions. • Build regions by increasing the participation of Queensland suppliers and local workforces in procurement opportunities. • Require the use of local contractors and manufacturers in significant Queensland Government infrastructure projects, worth $100 million and above, wherever possible. • Increase opportunities for apprentices and trainees in significant Queensland Government infrastructure projects, worth $100 million and above. • Increase government procurement with Aboriginal and Torres Strait Islander businesses to three per cent of addressable spend by 2022. • Focus on using the government's procurement activities to create genuine, quality, secure ongoing jobs for Queenslanders. • Focus on jobs, reducing long-term unemployment and youth unemployment, and increasing opportunities for training apprentices.
Environmental	• Procure Australian-sourced, environmentally accredited paper products. • Achieve net zero emissions by 2050. • Achieve one million rooftops or 3000 megawatts of solar photovoltaics (PV) in Queensland by 2020.
Social	• Increase spend with genuine, quality, social enterprises, providing award based wages (using the Supported Wage System where appropriate) and pathways to mainstream employment for disadvantaged Queenslanders. • Take into account workplace policies and practices aimed at ending domestic and family violence as part of supplier evaluation and selection. • Ensure that all Queensland Government procurement activities are compliant with the*Disability Discrimination Act 1992* (Cth).

How to apply this principle		Applies to
2.1	Agencies will ensure that capable and competitive local suppliers, including Queensland suppliers and small businesses, are given a full, fair and reasonable opportunity to supply government. Agencies will: • conduct a local benefits test for all significant procurement where a weighting of up to 30 per cent may be applied • ensure that at least one regional and one Queensland supplier, where possible, is invited to submit a tender or quote for a procurement. The Minister for Housing and Public Works, Minister for Digital Technology and Minister for Sport may, in consultation with the relevant Ministers and the Premier and Minister for Trade, declare a procurement activity as requiring application of the local benefits test.	Budget sector agencies Statutory bodies GOCs Special purpose vehicles
2.2	Agencies will use best endeavours to do business with ethically, environmentally and socially responsible suppliers, and will seek to influence the supply chain in this regard. As part of this commitment, agencies will not procure dumped goods.	
2.3	The Queensland Government Procurement Committee and category councils will provide guidance on the prioritisation and application of competing government objectives which impact on procurement.	
2.4	Procurement decision-making for low value and low business risk procurement will be delegated to a level closest to the geographical location where the good or service is to be supplied.	
2.5	Category councils will facilitate cross-agency consultation and coordination of regional procurement to assist in delivering value for money and the government's objectives.	Budget sector agencies

PRINCIPLE 3: INTEGRITY, PROBITY AND ACCOUNTABILITY



We undertake our procurement with integrity, ensuring probity and accountability for outcomes

We respect the trust placed in us by the community.

We are accountable for delivering timely outcomes using public resources.

We ensure our decisions are transparent and defensible.

We meet expected standards of probity and accountability.

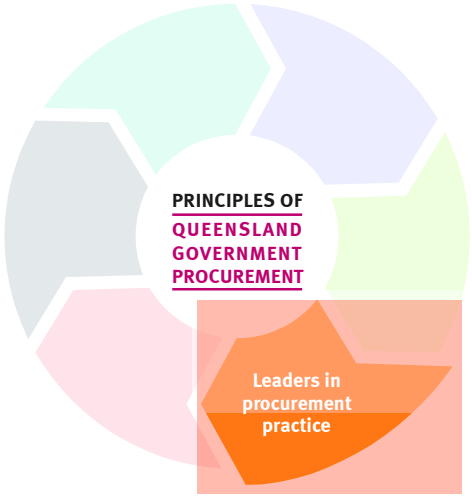
Intent

The Queensland Government is committed to:

- observing high standards of integrity and probity, and being accountable for decisions
- embedding probity in procurement culture.
  It is expected that high standards of probity and accountability are always maintained. It is important that the right balance is struck between observing probity of process, and not overemphasising probity relative to value and risk, so that it becomes an unjustifiable barrier to achieving better outcomes.

How to apply this principle		Applies to
3.1	Agencies will: • observe applicable legislation including the *Disability Discrimination Act 1992* (Cth), policies, agreements and industrial instruments. These can be found at www.qld.gov.au/procurement • ensure that appropriate governance mechanisms are in place to maintain the integrity of the procurement decision-making process. As part of this, systems for conflicts of interest and complaints management for procurement are to be in place • ensure all stages of the procurement process are defensible and appropriately documented relative to the value and risk associated with the procurement. Decisions will withstand public scrutiny and preserve confidence in the procurement process.	Budget sector agencies Statutory bodies GOCs Special purpose vehicles
3.2	Agencies will integrate probity within their procurement framework to ensure probity is managed relative to the value and risk of a particular procurement activity (for example, the development of probity plans for high value and/or high risk procurement activities).	
3.3	Agencies will publish basic details for awarded contracts valued at $10,000 and over, and additional contract details for awarded contracts valued at $10 million and over, in accordance with the *Procurement Guidelines: Contract Disclosure* issued by the Director-General, Department of Housing and Public Works. The publishing of the procurement method used is mandated for contracts valued at $500,000 and over.	Budget sector agencies Large statutory bodies Special purpose vehicles

PRINCIPLE 4: LEADERS IN PROCUREMENT PRACTICE



We are leaders in procurement practice—we understand our needs, the market and our suppliers, and have the capability to deliver better outcomes and support our buyers to engage with the market effectively

We continuously improve the capability and performance of our agencies and people.

We actively manage the performance of our procurement expenditure.

We are outcome focused and look for opportunities to innovate, including continuous improvement to our procurement methods and practices.

We engage with our stakeholders to understand business needs, and seek to exceed expectations.

We ensure efficient and effective use of valuable resources.

We work together with industry and key stakeholders, including local workforces, to ensure government is an attractive customer.

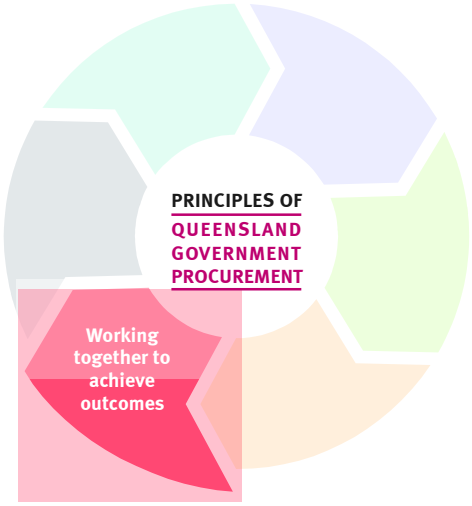
Intent

The Queensland Government is committed to:

- enhancing the procurement function to improve the delivery of value for money outcomes
- building procurement capability to ensure better outcomes like improved contract management, better engagement with stakeholders and suppliers, and embracing innovation.

How to apply this principle		Applies to
4.1	Procurement and business areas will proactively engage with each other from pre-procurement through to contract management and disposal to: • identify and assess viable solutions to achieve the outcomes sought • provide support for, and understand the business needs of, front-line service delivery • clearly define procurement objectives to ensure business needs are met • manage demand and reduce waste, and manage consumption of valuable resources.	Budget sector agencies Statutory bodies GOCs Special purpose vehicles
4.2	Agencies will adopt a cost-effective market engagement strategy for a procurement, taking into account whole-of-government objectives and the activities of other government buyers in the market, to maximise procurement outcomes for the benefit of buyers and suppliers.	
4.3	When developing procurement strategies, agencies will pursue opportunities to develop innovative supply solutions, either through innovation in the procurement activity itself, or by fostering innovative solutions by suppliers. Agencies will pursue opportunities to drive innovation through the provisions of the ICT SME Participation Scheme.	
4.4	Agencies will ensure processes are in place to manage contracts, including performance and renewal. For significant procurements, a contract management plan will be developed.	
4.5	Accountable officers are responsible for adopting a workforce approach to building procurement capability. This includes maintaining capability standards commensurate with an accreditation framework, administered by the Office of the Chief Advisor – Procurement.	Budget sector agencies

PRINCIPLE 5: WORKING TOGETHER TO ACHIEVE OUTCOMES



We work together across agency boundaries to improve procurement outcomes

We take a collaborative approach to planning and managing categories of expenditure.

We maximise savings and benefits, and reduce duplication.

Intent

The Queensland Government is committed to working together across agencies to ensure that a whole-of-government approach to procurement is taken and that better procurement outcomes are achieved.

The CEO Leadership Board has a lead role in promoting this whole-of-government approach to procurement, enabled by agencies managing categories.

This principle outlines:

- ways of reducing duplication within government and increasing consistency for suppliers
- a planned approach to the development of policies that seek to leverage procurement practices and outcomes.

Schedule 3 lists current procurement-related policies.

How to apply this principle		Applies to
5.1	Agencies will identify whether categories of expenditure or significant procurements contain opportunities to generate savings and benefits. This includes an assessment of whether greater savings, efficiencies and benefits can be realised by working together.	Budget sector agencies Statutory bodies GOCs Special purpose vehicles
5.2	The CEO Leadership Board: • will promote a whole-of-government approach to procurement including a focus on understanding the government's procurement profile and the management of procurement expenditure at the whole-of-government level • will promote cross-agency collaboration on categories of significant expenditure to achieve savings and benefits • may, in consultation with agencies, nominate agencies to manage categories of procurement expenditure common to multiple agencies, or the whole-of-government.	Budget sector agencies
5.3	Common-use supply arrangements are mandated for use to achieve savings and benefits wherever practical. Agencies can depart from common-use supply arrangements where a good or service is to be supplied to regional or remote Queensland locations. Departures from such arrangements, including strategies to deliver savings and benefits as a result of the agency's decision, are to form part of the agency's procurement plan, and will be disclosed and worked through collaboratively with the relevant category council.	
5.4	Whole-of-government standard terms and conditions for procurement, or categories of procurement, will be developed by lead agency category teams and made available for the use of budget sector agencies. The Office of the Chief Advisor – Procurement will be consulted by lead agency category teams during the development and revision of terms and conditions to ensure consistency across government. Departures from the terms and conditions are to be based on a defensible assessment of the requirements of the procurement.	
5.5	Agencies are mandated to consult with the Office of the Chief Advisor – Procurement as early as possible during the development of whole-of-government procurement-related policies, and to use guidelines on the development of procurement-related policies. The guidelines can be found at www.qld.gov.au/procurement. Procurement-related policies, targets, commitments and associated guidance will be developed and maintained by the sponsoring agency. The Office of the Chief Advisor – Procurement will maintain a list of all procurement-related policies on its website.	

PRINCIPLE 6: GOVERNANCE AND PLANNING



We have the confidence of stakeholders and the community in our management of procurement

Our governance structure facilitates consultation and value for money outcomes.

We take a planned approach to our procurement, ensuring alignment across all levels of planning from whole-of-government to individual procurements.

We manage risk through effective oversight, accountability and appropriate internal controls.

Intent

The Queensland Government is committed to increasing stakeholder and community confidence in procurement through appropriate governance and an integrated planning framework.

How to apply this principle		Applies to
6.1	Queensland Government procurement planning will be integrated at all levels, including category strategies, agency procurement plans, significant procurement plans, and other relevant plans and strategies.	Budget sector agencies
6.2	The Office of the Chief Advisor – Procurement may prepare whole-of-government plans or strategies that represent the government's vision and priorities for procurement. These plans or strategies will be prepared collaboratively and in consultation with category councils and agencies.	
6.3	Lead agency category teams will prepare category strategies for endorsement by the relevant category council.	
6.4	Agency procurement planning, at both the agency level and for individual significant procurements, will take relevant plans and strategies, such as category strategies, into account.	
6.5	Agency procurement plans will be prepared and, as a minimum: • set out the management and organisation of the procurement function, including an assessment of overall agency procurement capability and strategies for improvement • outline how the objectives of the procurement function will support broader agency objectives • provide an analysis of savings and benefits opportunities (economic, social and environmental) and strategies to achieve these • contain measures, targets, performance against targets and the agency's approach to risk management for procurement.	Budget sector agencies Statutory bodies
6.6	Planning for significant procurement may be undertaken at either a category level or an individual procurement level and address, at a minimum: • an analysis of demand and the supply market • strategies to achieve value for money, including the advancement of economic, environmental and social outcomes • performance measures and contract management arrangements • an identification and assessment of risks related to the procurement and risk management strategies. Risk assessments address the value, complexity and sensitivity of procurements.	GOCs Special purpose vehicles
6.7	The Office of the Chief Advisor – Procurement will issue policy guidelines and procurement guidance for use by agencies.	

Schedule 1: Definitions

Accountable officer has the meaning conferred by the *Financial Accountability Act 2009*. For the purposes of this policy, this term also includes Chief Executive Officers of government owned corporations, statutory bodies and special purpose vehicles.

Agency means, for the purposes of this policy:

- A department or a statutory body as those expressions are defined in the *Financial Accountability Act 2009*
- An entity declared by regulation to be a government owned corporation under the *Government Owned Corporations Act 1993*
- Special purpose vehicles as established from 1 July 2010 and existing special purpose vehicles which are required to comply with the Queensland Procurement Policy by their respective constitutions.

Budget sector agency means, for the purposes of this policy, entities declared to be departments pursuant to Section 14 of the *Public Service Act 2008*. It also includes the Electoral Commission of Queensland, Office of the Governor, Public Service Commission, Queensland Audit Office, Queensland Ombudsman and Queensland Parliamentary Service.

Category is the grouping of similar goods or services with common demand drivers and a similar supply base.

Category management is a lifecycle approach to managing spend that groups categories together and aligns the approach to the characteristics of the category.

Common-use supply arrangement means an arrangement intended for whole-of-government use established between the principal and the successful offeror (including without limitation a standing offer arrangement, a register of pre-qualified suppliers, panel arrangement or preferred supplier arrangement).

Employee means, for the purposes of this policy, any employee of an agency whether permanent, temporary, full-time, part-time or casual, and any volunteer, student, contractor, consultant or anyone who works in any other capacity for an agency.

Full, fair and reasonable has the meaning as defined in the *Queensland Charter for Local Content* administered by the Department of State Development, Manufacturing, Infrastructure and Planning.

Goods and services include all property (except for real property) and all types of services including building and construction services, and infrastructure.

Government's objectives or objectives of the government may be stated in legislation, whole-of-government procurement policy and procurement-related policy, whole-of-government procurement plans, directions or formal agreements between government and agencies.

Large statutory body means a statutory body where either of the following criteria apply:

- net operating result in excess of $5 million, or
- net assets in excess of $75 million.

Lead agency is an agency responsible for managing common categories of expenditure across two or more agencies.

Limited offer method is a procurement method where the agency invites a supplier/s of its choice to offer.

Local supplier means a supplier of goods or services that maintains a workforce whose usual place of residency (i.e. where they normally live, sleep and eat) is located within a 125 kilometre (km) radius of where the good or service is to be supplied. If a capable local supplier does not exist within the 125 kilometre radius, the radius should be extended progressively to the local region, then Queensland, then outside of Queensland, until a suitable supplier is identified.

Open offer method is a procurement method where all interested suppliers may submit an offer.

Procurement encompasses the whole process of obtaining goods and services. Beginning with the identification of needs, procurement can include the functions of planning, design, standards determination, specification writing, selection of suppliers, financing, contract management, disposals and other related functions. For clarity, 'procurement' under this policy does not include 'grants' as defined in the *Financial Accountability Handbook* administered by Queensland Treasury.

Procurement-related policy is a government policy or instrument, excluding the Queensland Procurement Policy related guidelines and guidance, that influences or impacts procurement activities, practices and decisions. A list of current procurement-related policies is at www.qld.gov.au/procurement.

Purchasing is the acquisition process for goods and services through purchasing, leasing and licensing and this expression extends to standing offer or similar arrangements by which terms and conditions of purchase are determined.

Selective offer method is a procurement method where suppliers that have met pre-established criteria are invited to offer.

Significant procurement includes goods and services identified by the agency as being high expenditure and/or for which there is a high degree of business risk.

Small and medium enterprise means a business employing less than 200 people.

Special purpose vehicle means, for the purposes of this policy, a company incorporated under the *Corporations Act 2001 (Cth)* that is under the control of a Queensland Government department, and which is established for a specific purpose such as delivery of infrastructure projects. For the purpose of this definition a 'company' does not include a government owned corporation.

Supplier means an enterprise known to be capable of supplying required goods and/or services. It includes manufacturers, stockists, resellers, merchants, distributors, consultants and contractors.

Schedule 2: Procurement in the Queensland Government – overview

Agency-led, centrally enabled

The Queensland Government has established an agency-led procurement operating model. Under this model agencies are accountable for their own procurement activities through a category management approach within a whole-of-government framework of legislation, procurement-related policies and minimum standards.

The Office of the Chief Advisor – Procurement provides expert procurement policy advice and support to agencies.

Roles and responsibilities: agencies

Accountable officers within agencies are responsible for their agency's procurement outcomes, and for ensuring this policy is followed and embedded into practice within their agencies.

Accountable officers are to ensure that any procurement-related procedures they have in place are consistent with the principles of this policy.

Accountable officers within agencies remain accountable for procurements delivered on their behalf by a provider external to their agency including, for example, those delivered by shared service providers or under corporate partnership agreements.

All employees are required to comply with this policy.

Roles and responsibilities: Office of the Chief Advisor – Procurement

The Chief Advisor – Queensland Government Procurement (supported by the Office of the Chief Advisor – Procurement) is responsible for:

- ensuring this policy, its related guidelines and guidance are appropriate, reflect better practice and facilitate a high standard of procurement performance
- providing expert procurement advice and support to agencies
- facilitating collaboration across agencies
- engaging with the Queensland Government Procurement Committee and Procurement Industry Advisory Group on matters of strategic importance
- providing guidance to agencies in relation to economic, social and environmental benefits and opportunities
- overseeing a consistent approach to procurement methodology and procedures, including reducing procurement process costs for suppliers and agencies across government
- coordinating whole-of-government procurement capability building and training initiatives
- coordinating whole-of-government procurement performance reporting in accordance with requirements established by the CEO Leadership Board.

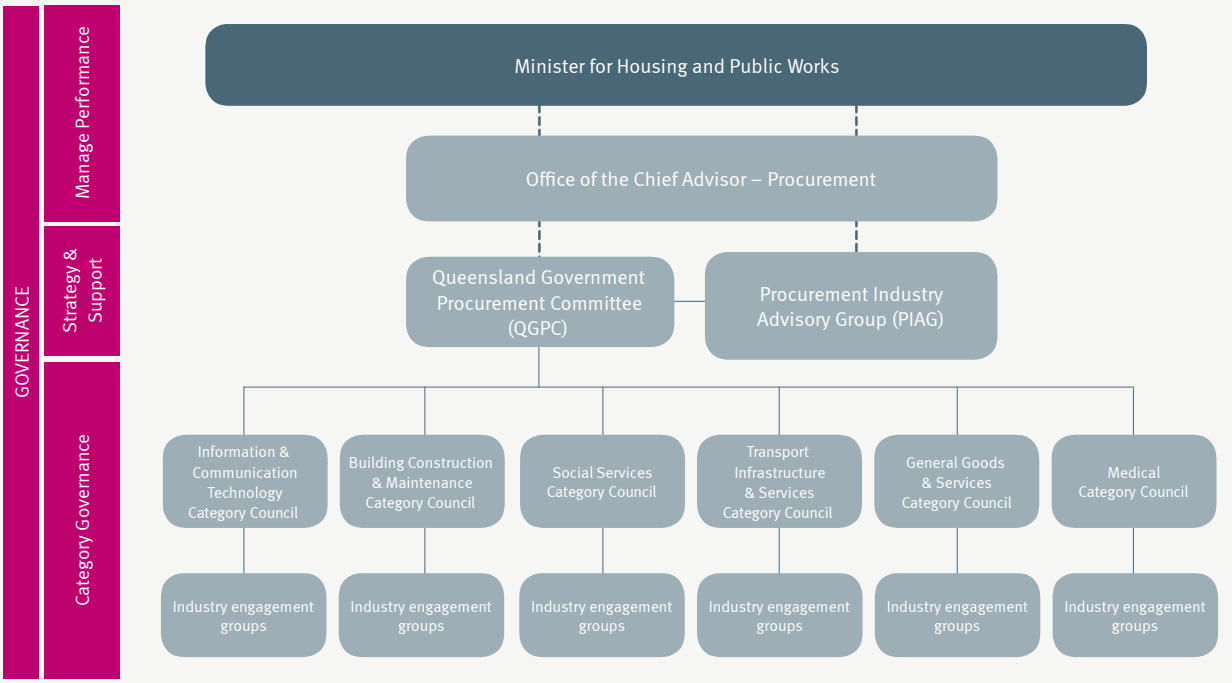
Procurement governance overview

The governance framework includes:

- the CEO Leadership Board – facilitates a whole-of-government approach to procurement in accordance with this policy. It provides strategic direction and oversight for Queensland Government procurement
- the Queensland Government Procurement Committee – provides advice and direction on whole-of-government procurement activities
- the Procurement Industry Advisory Group – provides coordinated, strategic level industry input regarding procurement
- category councils – oversee and direct strategic procurement activities in relation to groups of related spend, govern the category strategy for a particular spend profile, and engage with industry.

Figure 1 below sets out the current procurement governance structure. For more information on governance refer to www.qld.gov.au/procurement.

Figure 1: Queensland Government procurement governance structure



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Schedule 3: Procurement-related policies and instruments

The Queensland Government maintains a number of policies and instruments relevant to procurement. These are collectively referred to as procurement-related policies. Current procurement-related policies are set out in the table below and are available at www.qld.gov.au/procurement.

Category	Policy or instrument	Responsible Department
All	Queensland Indigenous (Aboriginal and Torres Strait Islander) Procurement Policy	Aboriginal and Torres Strait Islander Partnerships
	Queensland Charter for Local Content	State Development, Manufacturing, Infrastructure and Planning
	Project Assessment Framework	Queensland Treasury
	Queensland Leasing Approval Policy for Public Sector Entities	Queensland Treasury
	Quality Assurance Policy	Housing and Public Works
Building Construction and Maintenance	Capital Works Management Framework	Housing and Public Works
	Maintenance Management Framework	Housing and Public Works
	Queensland Government Building and Construction Training Policy	Employment, Small Business and Training
Information and Communication Technology	Information and Communication Technology Small and Medium Enterprise Participation Scheme	Housing and Public Works
	Relevant information standards, including IS13 for the procurement and disposal of ICT products and services	Housing and Public Works
Transport Infrastructure and Services	Transport Infrastructure Project Delivery System	Transport and Main Roads


Queensland
Government

TS-2

Best practice principles: Quality, safe workplaces

Office of Industrial Relations
Office of the Chief Advisor – Procurement

Best practice principles: Quality, safe workplaces

v1.0 August 2018

The State of Queensland (Department of Education (Office of Industrial Relations) and the Department of Housing and Public Works) 2018.



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Contact us

We are committed to continuous improvement. If you have any suggestions about how we can improve this guide, or if you have any questions, contact us at betterprocurement@hpw.qld.gov.au.

Disclaimer

This document is intended as a guide only for the internal use and benefit of government agencies. It may not be relied on by any other party. It should be read in conjunction with the Queensland Procurement Policy, your agency's procurement policies and procedures, and any other relevant documents.

The Department of Education (Office of Industrial Relations) and the Department of Housing and Public Works disclaim all liability that may arise from the use of this document. This guide should not be used as a substitute for obtaining appropriate probity and legal advice as may be required. In preparing this document, reasonable efforts have been made to use accurate and current information. It should be noted that information may have changed since the publication of this document. Where errors or inaccuracies are brought to attention a reasonable effort will be made to correct them.

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Best practice principles: quality, safe workplaces

Introduction

The Queensland Government is committed to maximising benefits for Queenslanders by using procurement to support local jobs and businesses and drive economic, environmental and social outcomes. This includes ensuring quality, safe workplaces for people engaged on major state government projects, through the highest possible standards of workplace health and safety, engaging appropriate numbers of trainees and apprentices, and best practice industrial relations.

Ensuring quality, safe workplaces supports delivery of projects on time and on budget.

The purpose of this guide is to help agencies and contractors apply the best practice principles for major projects.

The best practice principles

The best practice principles with respect to quality, safe workplaces are:

1. Best practice workplace health and safety (WHS) systems and standards.
2. Best practice commitment to apprentices and trainees.
3. Best practice industrial relations.
4. History of compliance with procurement, tendering and other government policy.

Scope

All government agencies[1] covered by the Queensland Procurement Policy (QPP) must apply the best practice principles to major projects of $100 million or more.

Further, the Minister for Housing and Public Works, Minister for Digital Technology and Minister for Sport with the relevant Minister responsible for the major project, and the Premier and Minister for Trade, can declare specific projects under $100 million as subject to, and having to apply, the best practice principles or can declare projects as exempt.

The best practice principles are not applicable to information and communication technology (ICT) projects, unless the project is declared by the Minister for Housing and Public Works, Minister for Digital Technology and Minister for Sport in consultation with the responsible Minister, and the Premier and Minister for Trade.

The best practice principles can be applied to existing projects where procurement of subcontracting is still to occur.

Agencies will apply the best practice principles when appointing contractors. Contractors will undertake to apply the best practice principles to subcontractors and suppliers performing work under the contract, in line with formal agency directions.

[1] Departments, statutory bodies, government owned corporations and special purpose vehicles – refer 'Definitions' section.

Some agencies already require the contractor to apply the QPP as if it were a government agency, when awarding contracts within the project. To remove any doubt, agencies using this approach will also include explicit contractual provisions which require the application of the best practice principles.

A flowchart summarising the main steps in the application of the best practice principles is at **Appendix 1**.

Remember, application of the best practice principles is on a 'project' basis – not based on individual contract value

Calculation of the $100 million threshold is based on the total value of contracts making up the project, and therefore is calculated based on the sum of all contracts issued under the project.

Relationship to the local benefits test

The QPP allows for a weighting of up to 30 per cent to be applied for the local benefits test. Up to 20 per cent can be applied for the best practice principles.

The local benefits test addresses:

- local jobs – quality and secure
  - where people live and work
  - permanency of employment
  - certainty of hours
  - fair wages and conditions
  - superannuation and workers compensation
  - genuine respect for the rights of workers to collectively bargain
- supply chain – use of local contractors, manufacturers and supply chain (local content) for the supply of goods and services
- use of local apprentices and trainees
- other benefits specifically identified (e.g. employment of Aboriginal people and Torres Strait Islander people).

A total combined weighting of up to 40 per cent can be applied taking into account the local benefits test, and the best practice principles (see page 9 for examples).

Aspects of the local benefits test are also covered by the best practice principles. Care needs to be taken to ensure that the application of the local benefits test and the best practice principles do not result in tenderers being asked to respond against the same or highly similar criteria for both the local benefits test and best practice principles.

Refer to the Local benefits test guide for more help with applying the test and to view worked examples.

Relationship between the best practice principles and other legislation

The guide should not be used as a substitute for obtaining appropriate legal advice.

It is recommended that officers involved in applying the best practice principles seek legal advice specific to their procurement processes to ensure compliance with other legislation and other instruments such as:

- relevant state government legislation, including but not limited to the *Work Health and Safety Act 2011*, *Workers' Compensation and Rehabilitation Act 2003*, *Building Act 1975*, *Planning Act 2016*, *Electrical Safety Act 2002*
- *the Fair Work Act 2009* (Cth)
- the *Building Construction Industry (Improving Productivity) Act 2016* (Cth) and
- the *Code for the Tendering and Performance of Building Work 2016* (Building Code 2016) (Cth)
- and any other Australian Government requirements for Australian Government funded projects.

This guide does not require, encourage or promote conduct that would constitute a contravention of the *Fair Work Act 2009 (Cth)* or the *Building Construction Industry (Improving Productivity) Act 2016 (Cth)*.

The best practice principles are not to be implemented in a way that breaches the *Fair Work Act 2009 (Cth)* or the *Building Construction Industry (Improving Productivity) Act 2016 (Cth)*.

Applying the best practice principles

Determine if the project is subject to the best practice principles

1. Does the QPP apply to the project?

The best practice principles apply to projects which are subject to the QPP.

2. Industry Reference Groups consider forward procurement pipelines

An Industry Reference Group may in reviewing forward procurement pipelines for a category, consider government objectives, how they align to upcoming procurements and provide its views on possible declared projects. Advice provided by this group should then be included as part of the later departmental brief provided to the Minister when they are later approving the weighting for the best practice principles.

3. Is the project's total value $100 million or more?

Project value means:

- estimated capital cost of $100 million or more, or
- the net present value of financial commitments entered into by the state for the proposal where this is estimated to be $100 million or more.

4. Is the project an ICT project, or a standing offer arrangement?

ICT projects may be declared to be in scope for the application of the best practice principles.

Standing offer arrangements for goods and services are not within scope of the best practice principles.

5. Is the project a declared project?

As noted above, the Minister for Housing and Public Works, Minister for Digital Technology and Minister for Sport, the responsible Minister, and the Premier and Minister for Trade, can declare a project valued at less than $100 million as subject to, and having to apply, the best practice principles.

The application of the best practice principles applies to the project itself and does not apply to ongoing contracts established following the completion of a project (e.g. the principles would apply to the design and construction phase for a building and would not apply to ongoing facilities management and maintenance contracts for the building).

Application of the best practice principles to contractors and subcontractors

The best practice principles are to be applied to all procurement contracts associated with a project in accordance with weightings approved by the responsible Minister.

The agency is responsible for applying the best practice principles when appointing the contractor, and for ensuring the contractor undertakes to apply the best practice principles when appointing subcontractors.

The agency will consider strategies proposed by the contractor for ensuring the best practice principles are applied to subcontractors during the evaluation of contracts under the project.

The Minister may approve that approval processes and weightings vary for subcontracts depending on the nature of procurement model (e.g. managing contractor compared to design and construct), and the particular trade package or good or service procured. This could include, for example:

- seeking an initial approval for weightings for the contractor, and seeking a subsequent approval for subcontractors, or
- seeking one approval that includes weightings for the contractor and approval for weighting ranges to be applied to subcontracts (may be broken down into trade package or good or services), or
- seeking one approval that includes weightings for the contractor and approval for the contractor, in applying the principles to subcontracts, to choose the most appropriate weightings as applicable to the trade package or good or service procured through subcontracts.

The above options will provide the necessary flexibility where contracts are progressively tendered during the life of a project.

This approach ensures the best practice principles are a core component of the procurement process and allows the expertise available in the market to identify ways to maximise benefits and outcomes consistent with the *Buy Queensland* approach.

Procurement planning

Approval must be sought from the Minister with responsibility for the major project for the weighting to be assigned to the best practice principles and local benefits, prior to a tender's release. A departmental brief including advice from the Industry Reference Group regarding the potential weightings of best practice principles and the local benefits test should be provided to the Minister for approval.

Agencies develop a formal evaluation plan and establish an evaluation panel which consists of agency officers. The evaluation plan is approved by the agency delegate prior to the tender's release. Tender specifications and conditions are developed concurrently. This plan should define the evaluation criteria and approved weightings inclusive of those assigned to the best practice principles.

The approved weighting for the best practice principles and the local benefits test should be in the tender evaluation plan and approved by the designated delegate prior to a tender's release. Agencies are encouraged to disclose weightings related to the best practice principles and the local benefits test in their tender documentation.

Evaluation panels must carefully consider how the best practice principles will be assessed and applied, including the relationship to the local benefits test.

Updating existing processes to reflect the best practice principles

Agencies may already be seeking tender responses against a number of the elements of the bestpractice principles as part of current non-price criteria assessments. Adjustments to existing processes will need to be undertaken to ensure all best practice principles are addressed and weighted.

Considerations when proposing weightings for the Minister's approval

An approved weighting of up to 20 per cent may be applied under the best practice principles.

The specific approved weighting applied will differ from project to project. The approved weighting must be appropriate relative to other criteria and what will deliver a value for money outcome. The overall allocation of approved weightings for a tender should also consider other government targets and commitments and policy requirements, along with a project's objective and location.

Remember that where a procurement process includes both the best practice principles and local benefits test a maximum combined weighting of up to 40 per cent may be applied.

The approved weighting must be aligned to the project circumstances and characteristics. For example, a project with a high work health and safety risk profile should include higher emphasis on that principle; similarly, if the industry concerned has a record of poor workplace health and safety and/or industrial relations performance, a higher emphasis on those principles would be expected.

Examples of some considerations in determining an approved weighting include[2]:

- location
- market capability and capacity
- relative risks associated with the project concerning workplace health and safety, and industrial relations
- project stage
- impact on time and budget
- value for money, including government targets and commitments.

The relevant Industry Reference Group may also provide input for the Minister's consideration when approving weightings.

There may be situations where the work package or contract to be issued, is for goods and services where there is a sole supplier situation – for example, specialist goods or services or where an agency has no discretion in terms of the supplier used. In such circumstances, agencies should still seek a contractual commitment from the contractor to pursue the best practice principles.

[2] These are examples only and not a definitive nor exhaustive list.

As with any major or complex procurement where subject matter expertise may be engaged during planning and evaluation, consider whether you should engage independent expertise in areas like workplace health and safety or industrial relations.

Where non-Queensland Government funding is involved
Check funding agreement as there may be conditions attached to the payment of funds from other sources of funding.

In practice – hypothetical examples for determining approved weightings

Below are two hypothetical examples for determining the approved weightings for non-price criteria including best practice principles and the local benefits test.

Example 1 – Metropolitan Brisbane

This example has a combined weighting of local benefits and best practice principles of 30 per cent. It is noted that the maximum weighting for local benefits and best practice principles is 40 per cent.

As a result of the consideration of the relevant category council and the related Industry Reference Group, the example is based on a fictional major construction project where there is a high work health and safety risk.

Assumptions:

- Local benefits weighted at 10 per cent to focus on use of local suppliers, and to avoid duplication as workplace health and industrial relations elements covered by the application of the best practice principles.
- Following on from the above, the best practice principles receive a 20 per cent weighting approved by the Minister.
- Sub criteria for the best practice principles gives a higher recognition to work health and safety and industrial relations, as they are key considerations for this hypothetical project.
- The percentage weighting for the criteria was non-price criteria 70 per cent; price 30 per cent[3]. Alternatively, a points process could be used for weighting the evaluation criteria.

Non-price evaluation criteria	Example weighting	Example sub criteria and focus areas for response	Example sub criteria weighting
Best Practice Principles: Quality, safe workplaces	20%	*Workplace Health and Safety* Provide a detailed Work Health and Safety Management Plan outlining your approach to managing health and safety throughout all phases of this project.	25%
		Detail if your company has been subject to any adverse findings or penalties pursuant to the *Work Health and Safety Act 2011.*	15%
		Commitment to apprentices and trainees Detail the number of current employees (apprentices & trainees) anticipated to be working on this contract. For any new	20%

[3] Note that for a two-stage process where non-price criteria are evaluated separately, non-price criteria may total to 100%.

		employees include, proposed start dates, anticipated length of employment, how they will be engaged.	
		Industrial Relations Provide an outline of your current Industrial Relations environment and how this would be impacted by this project, including lessons from previous projects. Please provide an outline of the conditions of employment for the employees associated with this contract (examples of agreements between employers and employees can be found here https://www.fwc.gov.au/awards-and-agreements).	30%
		History of compliance with procurement, tendering and other government policy Please outline any instances of non-compliance with government procurement, tendering and/or government policy.	10%
Local Benefits	10%	Provide evidence of your company's commitment to and relevant experience in local industry participation strategies.	40%
		Provide a completed *Statement of Intent* with your submission outlining your likely strategies as Managing Contractor to maximise the use of local businesses, create local employment opportunities and form local alliances in an effort to encourage more effective and adaptive approaches to maximising local benefits.	30%
		Provide a preliminary trade package analysis on likely opportunities for the businesses in the region.	30%
Experience and capability	25%	Outline the key team members and their experience in the delivery of similar projects. Include a 1-page curriculum vitae for each person. Please also include details of the Principal Consultancy team and provide details as outlined above.	20%
		Provide an outline of projects of a similar value and complexity completed by your company in the last 10 years including a brief outline of each project, its location, length of engagement, staff responsible for the project and referees.	60%
		Detail any significant challenges and how they were managed in the projects outlined above. Also outline any value additions made by your company.	20%
Methodology	15%	Provide a Master Program and commentary which incorporates strategies to manage program risks and achieve completion within budget and by the target date.	60%
		Provide a Project Management Plan that includes: - A preliminary risk management plan addressing all stages of work - A preliminary design management plan detailing the process for the management of the design including building services, trade package documentation bundling and value management process - A preliminary traffic management plan that will ensure the minimisation of disruption to local road networks - A preliminary building handover plan detailing all deliverables required for practical completion and detailing the plan for managing defects.	40%

Example 2 – Regional Queensland

This example has a combined weighting of local benefits and best practice principles of 40 per cent.

Like Example 1, this example is also based on a fictional major construction project. Following consideration by the relevant category council and Industry Reference Group, a commitment to apprentices and trainees, along with a history of compliance with procurement, tendering and other government policy (like the Queensland Government Building and Construction Training Policy), have been identified as areas of focus to help support the regional economy for this project under the best practice principles.

Assumptions:

- local benefits are weighted at 20 per cent given the government's objective to support the use of local suppliers in this regional area. To avoid duplication with the best practice principles the application of the local benefits test does not include apprenticeship and traineeship elements
- following on from the above, the best practice principles receive a 20 per cent weighting (approved by the Minister) to ensure that these are given adequate consideration in the tender process
- sub criteria for the best practice principles gives a higher recognition to the commitment to apprentices and trainees, along with a history of compliance with procurement, tendering and other government policy, given they were identified as key considerations for this hypothetical project
- the overall percentage weighting for the criteria, like Example 1, was non-price criteria 70 per cent; price 30 per cent[4]
- the below table shows the weightings used and is a simplified version of the table provided above for Example 1. Like Example 1, non-price criteria also included experience and capability along with methodology.

Non-price evaluation criteria	Example weighting	Example sub criteria and focus areas for response	Example sub criteria weighting
Best Practice Principles: Quality, safe workplaces	20%	*Workplace Health and Safety*	20%
		Commitment to apprentices and trainees	30%
		Industrial Relations	20%
		History of compliance with procurement, tendering and other government policy	30%
Local Benefits	20%	*Various sub criteria for each non-price evaluation criterion can be used as relevant (refer to Example 1, above)*	
Experience and capability	20%		
Methodology	10%		

[4] Note that for a two-stage process where non-price criteria is evaluated separately, non-price criteria may total to 100%.

Going to market

Agencies must incorporate the four best practice principles into their tender documentation and request contractor responses against each principle.

To assist contractors in responding government agencies should also provide examples of best practice against each of best practice principles (relative to the project concerned) in their tender documents. Agencies may wish to draw from **Table 1** below in formulating evaluation questions and providing examples.

Table 1: Example subject areas related to each principle could include[5]:

Best practice principle	Example subject areas related to best practice
1. Best practice workplace health and safety (WHS) systems and standards	A demonstrated history of and commitment to compliance with work health and safety laws: □ details about matters such as adverse findings, penalty infringement notices, warnings, infringements penalties, pursuant to the *Work Health and Safety Act 2011* and *Electrical Safety Act 2002*, over the past 10 years □ history and registration of Workers' Compensation and policy number □ processes and procedures governing workforce consultation on WHS matters □ the level of knowledge and experience in the use of digital engineering to reduce work, health and safety risks (where relevant for the project) □ work health and safety management plans, specifically focused on managing the risk rather than the consequences of the risk □ how the organisation will manage site establishment e.g preparatory works including security, site clearance (including comprehensive WH&S site induction for anyone who performs work on the site) amenities; access and egress and on-site labour movement.
2. Best practice commitment to apprentices and trainees	A demonstrated history of and commitment to training, including the engagement of apprentices and trainees: □ compliance with the Queensland Government Building and Construction Training Policy □ the number of apprentices and trainees to be employed as part of the project □ specific training and development plans that will be provided in relation to the work □ supporting the delivery of nationally endorsed building and construction competencies □ other practices or programs used to improve opportunities for apprentices and trainees, including training and advancement
3. Best practice industrial relations	A demontrated history of and commitment to positive industrial relations: □ a plan for the industrial relations management for the project □ how an organisation adopts/provides best practice industrial relations for employees, contractors and their employees in the workplace. For example:

[5] These are examples only and not a definitive nor exhaustive list.

Best practice principle	Example subject areas related to best practice
	○ administration – how does the organisational structure for the project affect labour productivity, including the identification of staff, reporting lines ○ risk assessment – what are the industrial relations risks that the project might face and how will those risks be managed ○ subcontractor management - how the organisation will manage subcontractors and their designated employees including how the selection and mobilisation of contractors, trade packages, labour hire and apprentices ○ conditions of employment - how are terms and conditions of employment established ○ recruitment of direct labour - how direct labor will be attracted, recruited and retained depending on the size, scope and location of the project, address issues of skills shortages, interstate and off shore sourcing of labour, training and competency assurance ○ performance metrics – how is labour performance measured to ensure project is on track ○ employee participation - how are employee issues are heard, addressed and resolved in accordance with the relevant industrial instrument or policy. □ Declarations in relation to the *Fair Work Act 2009* (in the last 5 years): ○ convicted of an offence ○ the subject of an enforceable undertaking ○ issued an infringement notice.
4. History of compliance with procurement, tendering and other government policy	A demonstrated history of and compliance with government policies and undertakings given to government for past projects: □ Past performance: ○ evidence of action about how the organisation has advanced government policy objectives, and complied wih relevant government policy, codes etc ○ record of compliance with undertakings made during tender processes ○ declaration in respect to any contracts with the Queensland Government terminated or suspended in the past two years. Reasons for termination or suspension and remedial action taken.

In terms of workplace health and safety, industrial relations or compliance with codes, policies etc, agencies may ask tenderers to provide written undertakings to identify historical performance.

Evaluating offers

Tenderers must respond against each of the four best practice principles.

Once received, the agency evaluation panel must score responses against each of the best practice principles (along with all other criteria) as part of the evaluation process. As noted in the Planning section above, consider whether you should engage independent expertise or seek technical reports in areas like workplace health and safety or industrial relations.

Panels should look for indicators of best practice. **Table 2** below provides example indicators of best practice that panels may wish to draw on.

Table 2: Examples in relation to each principle include[6]:

Best practice principle	Indicators of best practice
1. Best practice workplace health and safety (WHS) systems and standards	Compliance with work health and safety laws such as: - if a company recording matters such as adverse findings, penalty infringement notices, warnings, infringements or penalties, pursuant to the the *Work Health and Safety Act 2011* over the past 10 years, confirm matters have been resolved - confirmation of current accreditation through the Work Health and Safety Accreditation Scheme - a health and safety management plan that may include approach to managing health and safety, health and safety policies, details of site management, outline of how suppliers safety systems complies with relevant WHS legislation - workers' compensation insurance policy, policy type and policy number - compliance with *Electrical Safety Act 2002* (Qld). A documented WHS system that incorporates: - appropriate level of insurances are in place - determination of workgroups each with a nominated Health and Safety Representative (HSR) - a nomination, election and notification process for HSRs, with mandatory training provided covering role and responsibilities - involvement of HSRs in pre-start meetings, Toolbox Talks and WHS incident responses and investigations - constitution and procedure for WHS Committee including representation from all levels of the organisation (50:50 between Person Conducting a Business or Undertaking (PCBU) and worker representatives), rotation of key roles (chairperson, secretary etc) on a regular basis, and formal documentation of actions, discussions and information for follow-up - formal grievance process for the resolution of WHS matters, including documented process and tools to track WHS issues raised by workforce (e.g. via HSRs and/or WHS Committee) through to resolution. Policies and procedures that incorporate (where relevant): - awareness and utilisation of digital engineering application/s, digital engineering strategy for transitioning from design to construction, and to reduce work, health and safety risks - strategy for encouraging digital engineering use by subcontractors - the level of training the company provides in the use of digital engineering and - projects previously worked on using digital engineering from design to construction. Other: - arrangements for the assessment, monitoring and review of Safe Work Method Statement (SWMS) - arrangements in place for consultation, cooperation and coordination of activities in relation to compliance with the WHS Act - any site specific WHS rules and the arrangements for ensuring that all persons at the workplace are informed of the rules.

[6] These are examples only and not a definitive nor exhaustive list.

Best practice principle	Indicators of best practice
2. Best practice commitment to apprentices and trainees	☐ Record of compliance with the Queensland Government Building and Construction Training Policy. ☐ Support for the delivery of nationally endorsed building and construction competencies (eg. policies and procedures to support staff in enrolling in and completing training, position descriptions that require workers to hold relevant qualifications). ☐ Evidence of workplace related training provided to employees. ☐ Number of current apprentice and trainee employees.
3. Best practice industrial relations	☐ Administration including the identification of staff, reporting lines and responsibilities, with particular emphasis on roles and responsibilities which affect labour productivity. Where the project intends to rely on external support, such as consultants, solicitors or other organisations, the details of those persons and organisations should be included. Where there is a majority use of subcontractors, the organisational structure should nominate who is responsible for subcontractor management. ☐ Risk - the risk assessment should demonstrate an understanding of the industrial relations environment, lessons from previous projects and project-specific issues. For off-site fabrication or modularisation involved in the delivery strategy, the risk assessment should include industrial relations risk associated with procurement and installation. The risk assessment should explicitly identify issues and barriers that affect the tenderer's ability to achieve proposed outcomes of the tender. ☐ Site establishment and management – in addition to preparatory works and site establishment issues the tenderer should consider workforce growth ☐ Subcontractor management - demonstrate the process by which subcontractors are assessed and selected. Each subcontractor should demonstrate how it manages its industrial relations issues including how subcontractor industrial relations issues, including grievances, are to be managed and reported to the contractor. ☐ Conditions of employment – such as agreements between the employer and employee, common law contracts, in the form of offer letters, conditions of employment and the like. ☐ Performance measures - How is labour productivity and lost time measures (to ensure project remains on track). Who is responsible for collating the performance metrics, and for their review. ☐ Employee participation - approach to relationship management with employees, employee representatives and/or unions including the approach and process for communicating and consulting with the workforce; approach to the use and engagement of labour hire and the approach to performance management (e.g. documented disciplinary processes).
4. History of compliance with procurement, tendering and other government policy	Record of compliance with the Queensland Government Building and Construction Training Policy. Record of compliance with undertakings given during tender processes, including relating to the Queensland Charter for Local Content, the Local Benefits Test, etcetera.

Fair and proper conduct

As with all procurement processes, when applying the best practice principles, observe standards of fairness and proper conduct.

Evaluation processes in scoring against criteria related to the best practice principles are no different to any other tender process. That is, a tenderer who offers a superior response, should be scored accordingly.

Agencies should ensure that debriefing processes are made available so that tenderers can receive feedback on their tender. Where a tenderer requests feedback, this may also include that tenderer's response to the best practice principles.

There may be different strategies to achieve best practice industrial relations, not limited to offering leading wages and conditions, however favouritism or coercion is unlawful.

Due diligence

Separate due diligence should be undertaken as part of evaluation. Consider reviewing third party sources to check the regulatory history and workplace health and safety or industrial relations records of contractors or subcontractors.

For example, check litigation outcomes for prosecutions by the Fair Work Ombudsman under the *Fair Work Act 2009* at https://www.fairwork.gov.au/about-us/our-role/enforcing-the-legislation/litigation. Similarly, Workplace Health and Safety Queensland publishes information for prosecutions and enforceable undertakings in Queensland at https://www.worksafe.qld.gov.au/laws-and-compliance/prosecutions.

Workplace Health and Safety Queensland have facilities to check on WHS performance and engages with clients on WHS issues/best practice (including electrical safety and workers compensation) on significant projects before the tender/contract stage as well as after.

Contract formation

Contracts resulting from tender processes must include provisions requiring the successful tenderer to fulfil the commitments made in respect of the best practice principles in the tender.

Therefore, a contractor is responsible for ensuring they meet these obligations.

Contracts must require the contractor to:

- include the best practice principles in the subcontract construction tender documentation
- ask tenderers to demonstrate how they propose to address each of the four best practice principles
- provide tenderers with guidance examples on best practice, may vary from project to project
- apply weightings when assessing tenders for works on this project, which have been approved by the Minister responsible for the project, relating to the best practice principles
- include a provision in any resulting contract with successful contractors requiring the contractor to fulfil the commitments made in its tender in respect of the best practice principles.

Example clauses

An example clause may be:

> *The contractor:*
>
> *(a) acknowledges that the State values a commitment to the best practice principles*
>
> *(b) undertakes to fulfil the commitments made in its offer/tender in respect of the best practice principles*
>
> *(c) undertakes to require and actively ensure compliance with the commitments made in its offer in respect of the best practice principles by any subcontractor.*

An example clause about sanctions could include:

> *The contractor acknowledges that where it, or a subcontractor, fails to comply with the commitments in respect of the best practice principles, a sanction may be imposed on it. The sanctions that can be imposed include, but are not limited to, one or more of the following:*
>
> *(a) a formal warning*
>
> *(b) referral of a complaint to the relevant industry organisation for assessment against its own professional code of conduct and appropriate action*
>
> *(c) reporting the breach to an appropriate statutory body*
>
> *(d) partial exclusion from tendering opportunities that is a reduction in the number and/or nature of tendering opportunities*
>
> *(e) preclusion from tendering for any work for a specified period.*

Contract management

Fulfillment of the best practice principles should form part of the normal contract management processes. For each contract, consider the form in which monitoring takes place. Monitoring by the contract manager could be a mix of regular reporting regarding contract KPIs, site visits, or scheduled meetings.

Where a complaint is received, or monitoring detects non-compliance, usual contract management avenues include pursuing contractual and other remedies (such as court action) to enforce contractual obligations are required.

As with any contract, legal advice should be sought prior to activating any provisions related to breach of contract.

The best practice principles state that a past failure to comply with tender commitments can be taken into account for assessing suitability for any future tenders. Appropriate records should be kept to support the application of the principles.

Probity considerations

The Queensland Government requires procurement to be undertaken with integrity, ensuring probity and accountability for outcomes.

Part of this involves ensuring transparency and defensibility of decisions made. The effective application of probity and transparency helps protect decision makers and other officials involved in a procurement from claims of unfairness, flawed processes or improper influence.

Probity planning activities should address procedures which ensure transparency of decisions made with respect to the allocation of approved weightings.

For more information, please refer to the guide *Probity and integrity in procurement* at www.hpw.qld.gov.au.

Compliance

The Office of the Chief Advisor – Procurement, maintains a Compliance Coordination and Referral Unit.

This is an independent avenue for contractors, the public or employee representative bodies to make complaints where contractors do not fulfil commitments made as part of tendering and contracting processes.

The unit may refer complaints to agencies for resolution and then monitor outcomes.

For complaints about the application of the best practice principles by contractors or subcontractors, contact the Office of the Chief Advisor – Procurement on (07) 3215 3508 or QPPCompliance@hpw.qld.gov.au.

Definitions

The following definitions apply for the purpose of this guide:

Contractor means the person bound to execute the work under the contract, and for the purpose of this guide includes suppliers.

Local has the definition included in the QPP.

Project value means:

- estimated capital cost of $100 million or more, or
- the net present value of financial commitments entered into by the state for the proposal where this is estimated to be $100 million or more.

Subcontractor means a person engaged by the **contractor** to perform any part of the construction work, or supply goods and services within the scope of the project.

Advice about applying the best practice principles

For advice on construction tender and contract clauses, contact: contractservices@hpw.qld.gov.au.

For advice on civil infrastructure and contract clauses contact: infrastructureproc@tmr.qld.gov.au.

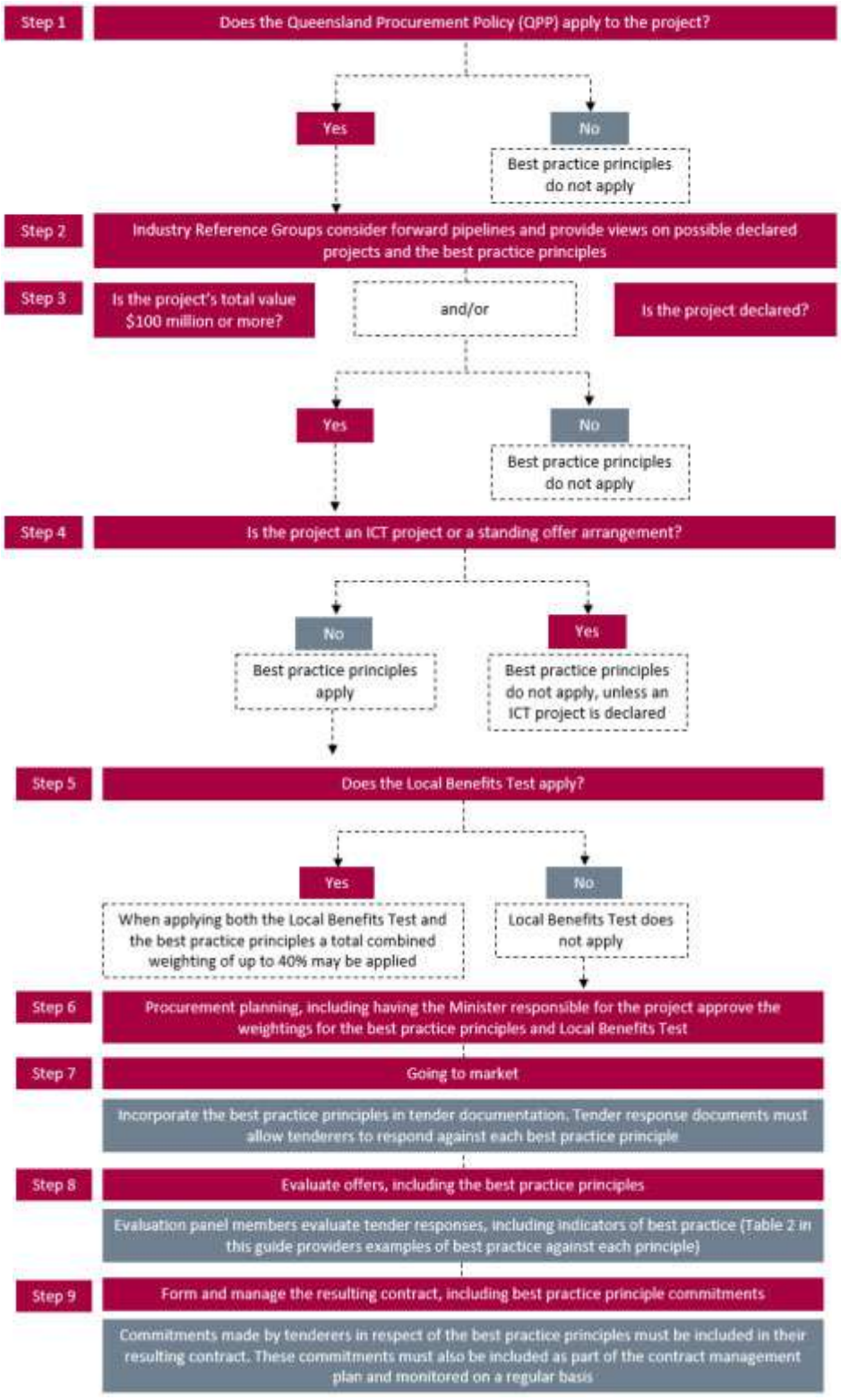
For industrial relations advice, contact: (07) 3406 9999.

For workplace health and safety advice, contact: constructionstrategy@oir.qld.gov.au.

For advice in relation to apprentices and trainees, contact the Queensland Apprenticeship and Traineeship Office, Department of Employment, Small Business and Training on 1800 210 210.

For general advice, contact the Office of the Chief Advisor – Procurement on (07) 3215 3593, or betterprocurement@hpw.qld.gov.au.

Appendix 1 – Key steps in the application of the best practice principles



Appendix 2 – Summary of key considerations

Planning	- Where non-Queensland Government funding is involved, check funding agreement conditions. - For example, Australian Government funding agreements can require agencies to comply with the requirements imposed on funding entities under the Building Code 2016. There are express requirements for EOIs and tenders in Part 5 of the Building Code. - As with any major or complex procurement where subject matter expertise may be engaged during planning and evaluation, consider whether you should engage independent expertise in areas like work health and safety or industrial relations.
Go to market	- Assess past performance. Check past compliance with undertakings made in tender documents, or contract commitments. - Don't refuse to engage a contractor, discriminate against a contractor in the terms or conditions on which a contractor is engaged (i.e. by including contract terms for one contractor that you would not include for any contractor), or refuse to make use of the services of a contractor, because the contractor has particular industrial relations arrangements in place. - Don't pressure a person in relation to the exercise of a workplace right.
Contract formation	- Include a provision requiring the successful tenderer to fulfil the commitments made in respect of the best practice principles in the tender. Seek legal advice about the drafting of the provision, if necessary. - Include provisions requiring the contractor to apply the best practice principles in respect of subcontractors, as described in this section. - Establish formal monitoring or auditing requirements. - Identify if assurance through formal monitoring or audit activities is required. Seek advice from the Office of Industrial Relations if you determine independent assessors are required.
Contract management	- Regularly monitor contracts for compliance. - Seek legal advice as part of normal processes where non-compliance is identified. - Record non-compliance with obligations. - Don't proceed to terminate a contract, cause loss, injury or harm to a contractor in relation to the terms of a contract, alter the position of a contractor to the contractor's prejudice, or refuse to make use of the services of a contractor, because the contractor or sub-contractor has particular industrial relations arrangements in place, without seeking legal and industrial relations advice first.

Managing Contractor – Design and Construction Management – Stage One with option for Stage Two

(Negotiated Guaranteed Construction Sum)

Volume 1 of 4 – Tender Requirements

Project name Southern Queensland Correctional Precinct – Stage 2

Project number 87010

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NOTICE TO TENDERERS

Disclaimer:

- *Information provided in this Notice to Tenderers is intended to assist the Tenderer in the preparation of the Tender and may not be inclusive of all the requirements of the Tender Documents.*
- *The Tenderer shall not rely on it.*
- *The Tenderer shall ensure and satisfy itself that its Tender complies in every respect with the requirements of the Tender Documents.*
- *Notwithstanding any provision of the Tender Documents to the contrary, the information provided in this Notice to Tenderers does not form part of the Tender Documents and it shall not alter any requirement of the Tender Documents or any obligation, liability or right of the Tenderer, Managing Contractor or Principal.*
- *The Principal shall not be liable to the Tenderer for any claim, demand, action, proceeding or suit arising out of or in connection with this Notice to Tenderers or the provision of the information contained herein.*

Changes to Volume 1 – Tender Requirements

The Tenderer's attention is drawn to the following additional clauses of the Conditions of Tender, which may not have been included in previous versions of the conditions of tender that may have been used for other Queensland Government projects:

- Clause 15 – Ethical Supplier Threshold; and
- Clause 16 – Best Practice Industry Conditions.

The Tenderer is required to submit a completed consent form (provided in Schedule 2 Appendix 2) within one (1) week of the issue of the Request for Tender.

Changes to Volume 2 – Conditions of Contract

The Tenderer's attention is drawn to the following provisions of Volume 2 – Conditions of Contract, which have been amended from previous versions of the conditions of contract that may have been used for other Queensland Government projects:

- Clause 2.1 – Definitions of Actual Construction Sum, Best Practice Industry Conditions, Construction Work, Consultants Fee, GCS Offer, Off Site Overheads and Profit Fee, On Site Overheads, On Site Overheads Fee and amendments to incorporate Best Practice Principles;
- Clause 3.2 Nature and Scope of Contract;
- Clause 11 – GCS Offer;
- Clause 18.1 – Engagement of Consultants;
- Clause 21.2 – Construction Work;
- Clause 21.5 – Variations to Subcontracts;
- Clause 37.1 – Personnel;
- Clause 41.7 – Queensland Procurement Policy;
- Clause 49.3 – Extension of Time;
- Clause 53.4 – Valuation of Variations;
- Clause 57.2 – Payment Claims;
- Clause 58.2 – Statutory Declaration;
- Clause 59.2 – Default by the Managing Contractor; and

- Clause 64 – Records and Access to Records.

The above list is not complete nor comprehensive and does not identify all changes that may exist between Volume 1 – Tender Requirements or Volume 2 – Conditions of Contract and any previous versions of those, or similar documents. Tenderers must not rely on the above lists and are required to refer to the Tender Documents to determine the conditions of tender or conditions of contract for the project and the obligations, rights and liabilities of the parties set out therein.

Tender Checklist

This checklist is not required to be submitted with the Tender and will not be considered as part of the Tender should it be submitted with the Tender.

Conditions of Tender Reference

1.	Parties Bound	☐ Tenderer understands provision
2.	Tenderer Prequalification & Registration	☐ Tender complies
3.	Communication with the Principal	☐ Tender complies
4.	Conditions of Tender	
	4.1. Code of Tender	☐ Tender complies
	4.2. Interpretation	☐ Tenderer understands provision
	4.3. Definitions	☐ Tenderer understands provision
5.	Tender Documents	
	5.1. Composition and Availability	☐ Tenderer understands provision
	5.2. Addenda	☐ Tender complies
	5.3. Confidentiality	☐ Tenderer understands provision
	5.4. Discrepancies, Errors and Omissions	☐ Tender complies
6.	Copyright and Intellectual Property	
	6.1. Tender Documents	☐ Tenderer understands provision
	6.2. Tender	☐ Tenderer understands provision
7.	General Tendering Requirements & Obligations	
	7.1. Lodgement of Tender	☐ Tender complies
	7.2. Composition of the Tender	☐ Tender complies
	7.3. Tender for the works for Stage One and Stage Two	☐ Tender complies
	7.4. Alternative Tenders	☐ Tenderer understands provision
	7.5. Tenderer to Inform Itself	☐ Tenderer understands provision
	7.6. Rise and Fall	☐ Tender complies
	7.7. Quality Assurance	☐ Tender complies
	7.8. Language	☐ Tender complies
	7.9. Units of Measurement	☐ Tender complies

7.10. Order of Tender	☐	Tender complies
7.11. Consolidated Tender	☐	Tenderer understands provision
7.12. Consultants	☐	Tender complies
7.13. Costed Methodology Statement	☐	Tender complies
7.14. Preferred Subcontractors	☐	Tender complies
8. Tenderer Warranties	☐	Tenderer understands provision
9. Tenderer Assessment and Tender Evaluation		
9.1. Principal's Discretion	☐	Tenderer understands provision
9.2. Tender Evaluation and Assessment	☐	Tenderer understands provision
9.3. Additional information	☐	Tenderer understands provision
9.4. Tender Evaluation Process	☐	Tenderer understands provision
10. Right to Information and Disclosure	☐	Tenderer understands provision
11. Deed of Guarantee, Indemnity and Assumption	☐	Tenderer understands provision
12. Formal Instrument of Agreement	☐	Tenderer understands provision
13. Tenderer's Acknowledgement	☐	Tenderer understands provision
14. Collusive Arrangements	☐	Tenderer understands provision
15. Ethical Supplier Threshold	☐	Tenderer understands provision
16. Best Practice Industry Conditions	☐	Tenderer understands provision

TENDER FORM

Page 1

PROJECT TENDER INFORMATION			
Principal's Nominee:	Sherril Blain - Procurement Manager	**Phone:**	[redacted]
Email:	QBuildSWQProcurement@hpw.qld.gov.au	**Fax:**	
Tender lodgement address:	**eTender**	*(Please ensure that your tender is in a sealed envelope quoting the Project No. and addressed to the correct Tender Box)*	
Time for close of Tender:	2.00 pm on 22/04/2020		
No. of copies of Tender:	eTender only, no hard copies.		
Project Description:	*Southern Queensland Correctional Precinct – Stage 2*		

(1) TENDER

To	The State of Queensland through the Department of Housing and Public Works		*(the Principal)*
I / We	*(Full Name in BLOCK LETTERS of Individuals or Company)*		
	being a public* / private* company incorporated in *(*delete one)*		
ACN:		ABN:	
Registered Office Address:			
QBCC License No:		PQC Registration:	
Phone:		Fax:	
Email:			

hereby tender in respect of the following items for the above project in accordance with the terms, conditions and requirements contained in the Tender Documents as amended or clarified by Addenda numbered …….. * inclusive. *(*List all addenda, as applicable, e.g. 1, 2, 3 – not three or 3)*

Without limitation, I/we acknowledge the tender warranties set out at clause 8 of the Conditions of Tender.

Warranty to Comply with Training Policy

By its signature on this Tender Form, the Tenderer warrants that, if awarded a Contract for this project, it will comply with the training requirements of Clause 41.4 of the Conditions of Contract and acknowledges that this warranty is given in addition to any of the terms of the Conditions of Contract.

TENDER FORM **Page 2**

Ethical Supplier Threshold

*(The Tender **must** respond to the Ethical Supplier Threshold criteria included below. Responses should only include matters from the previous 5 years, starting from 1 August 2019)*

Since 1 August 2019, has the Tenderer:	*(tick one)*
1. contravened a civil remedy provision of Chapter 2 or Chapter 3 of the *Fair Work Act 2009* (Cth), or committed an offence against the *Fair Work Act*?	☐ **Yes** ☐ **No**
2. contravened a civil remedy provision of Chapter 2, 3, 4, 5, or 7 of the *Industrial Relations Act 2016* (Qld), or committed an offence against the *Industrial Relations Act*, or failed to pay employment related levies, or other payments, established under Queensland legislation?	☐ **Yes** ☐ **No**
3. failed to make superannuation contributions on behalf of employees in accordance with law?	☐ **Yes** ☐ **No**
4. purported to treat employees as independent contractors, where they are not?	☐ **Yes** ☐ **No**
5. required persons who would otherwise be employees to provide an Australian Business Number so that they could be treated as independent contractors?	☐ **Yes** ☐ **No**
6. engaged persons on unpaid work trials or as unpaid interns, where they should be treated as employees?	☐ **Yes** ☐ **No**
7. entered into an arrangement for the provision of labour hire services with a person who is not licensed under the *Labour Hire Licensing Act 2017* (Qld), or a supplier who is an unlicensed provider under the *Labour Hire Licensing Act*?	☐ **Yes** ☐ **No**
8. paid employees' wages below those provided for in an applicable modern award?	☐ **Yes** ☐ **No**

Warranty to comply with Queensland Procurement Policy, Ethical Supplier Threshold and Best Practice Principles

By its signature on this Tender Form, the Tenderer warrants that:

a) the Tenderer's responses to the criteria set out in the Ethical Supplier Threshold questionnaire are true and correct;

b) if, at any time after the Tenderer submits its Tender, the Tenderer's responses to the criteria set out in the Ethical Supplier Threshold questionnaire are no longer true and correct for any reason, the Tenderer will promptly notify the Principal's Nominee of the change to the Tenderer's response; and

c) if awarded a Contract for this project, the Tenderer will comply with the requirements of Clause 41.7of the Conditions of Contract and acknowledges that this warranty is given in addition to any of the terms of the Conditions of Contract.

Corporation *Where the Tenderer is related to, or is a subsidiary of, another or other corporations as defined in the Corporations Act 2001 (Cth), that (those) corporation(s) is (are) as follows:*	ACN & Registered office address

Executed by:		
	Name of Company	*ACN*
In accordance with section 127 of the *Corporations Act 2001* (Cth) by:		
Signed by:		
	Signature of Director/Secretary	*Signature of Director*
	Name of Director/Secretary	*Name of Director*
	On the …… day of …… 20……	

Privacy Statement: The Principal is collecting the personal information on this Tender Form for the purposes of tender evaluation and any subsequent contract that may arise. The information may be used in accordance with the provisions of the Tender Documents. An y personal information included on this Tender Form may be disclosed to the Tender evaluation panel and their advisors but will not be d isclosed to any other third party without the Tenderer's consent unless authorised or required by law or stipulated in the Tender Documents.

TENDER FORM **Page 3**

(2)	**MANAGEMENT FEE**	*Conditions of Contract Clause 2.1*	
	(a) Stage One – Lump sum (inclusive of GST):		$.....
	(b) Stage Two – Lump sum (inclusive of GST): (in the event that Stage Two proceeds)		$.....
(3)	**OFF SITE OVERHEADS AND PROFIT FEE**	*Conditions of Contract Clause 2.1 and Conditions of Tender Schedule 2*	
	(a) Stage One – Lump sum (inclusive of GST):		$.....
	(b) Stage Two – Percentage, to be applied to the Actual Construction Sum: (in the event that Stage Two proceeds, and for any Early Works)		.....%
(4)	**ON SITE OVERHEADS FEE**	*Conditions of Contract Clause 2.1*	
	Stage Two – Lump sum (inclusive of GST): (in the event that Stage Two proceeds, and for any Early Works)		$…….....
(5)	**CONSULTANTS FEE**	*Conditions of Contract Clause 2.1*	
	Lump sum (inclusive of GST): (more detailed breakdown to be included at the table at item 8)		$.....
	The Consultants Fee must be no less than **$22,072,907 (incl. GST)**		
(6)	**PROVISIONAL DELAY ALLOWANCE**	*Conditions of Contract Clause 50*	
	Stage Two – Allowance (inclusive of GST): (in the event that Stage Two proceeds)		$.....
(7)	**SCHEDULE OF AGREED DAMAGES FOR DELAY BY THE PRINCIPAL**	*Conditions of Contract Clause 50*	

The Tenderer's attention is drawn to Clause 50 of the Conditions of Contract. This provides for the Managing Contractor to be paid "agreed damages", inclusive of GST, in respect of delays caused by an act or omission by the Principal, the Principal's Representative or any of the Principal's employees, consultants, other contractors or agents, where the conditions precedent set out in Clause 50 have been satisfied.

The agreed damages shall be calculated by reference to a daily rate which is inclusive of GST.

The Tenderer shall price this schedule and the total of the provisional number of delay days stated multiplied by the tendered rate per day (inclusive GST) shall be the provisional delay allowance included in its Tender. Such provisional delay allowance may be taken into account in the assessment of tenders.

The Tenderer may submit multiple rates for different phases of the Construction Work where On Site Overheads for those phases are significantly different.

Description of portion of contract to which Delay Rate applies	Provisional no. of delay days	Tendered Rate/Day (Inclusive of GST)	Total Provisional Delay Allowance (inclusive of GST) included in Tender
Stage Two	40 delay days x	$...../day =	$.....

The inclusion of provisional delays in the Contract shall not be taken as an anticipatory breach and shall not prevent the Principal from exercising the Principal's rights under the Contract or at law.

TENDER FORM **Page 4**

(8) **CONSULTANTS**		*Conditions of Tender clause 7.12*						
DISCIPLINE	**CONSULTANT**	**DESCRIPTION OF SERVICES** *Attach additional information in accordance with the Tender Evaluation Criteria*	**LUMP SUM FEE** ***Schematic Design***	**LUMP SUM FEE** ***Developed Design***	**LUMP SUM FEE** ***Contract Documentation***	**LUMP SUM FEE** ***Construction***	**LUMP SUM FEE** ***Post Construction***	**TOTAL LUMP SUM FEE**
Principal Consultant & Architect			$.....	$.....	$.....	$.....	$.....	$.....
Quantity Surveyors			$.....	$.....	$.....	$.....	$.....	$.....
Mechanical Engineers			$.....	$.....	$.....	$.....	$.....	$.....
Electrical Engineers			$.....	$.....	$.....	$.....	$.....	$.....
Communications			$.....	$.....	$.....	$.....	$.....	$.....
Lift Services			$.....	$.....	$.....	$.....	$.....	$.....
Fire Services			$.....	$.....	$.....	$.....	$.....	$.....
Security Services			$.....	$.....	$.....	$.....	$.....	$.....
Hydraulic Services			$.....	$.....	$.....	$.....	$.....	$.....
Civil Engineers			$.....	$.....	$.....	$.....	$.....	$.....
Structural Engineers			$.....	$.....	$.....	$.....	$.....	$.....
Façade Engineers			$.....	$.....	$.....	$.....	$.....	$.....
Acoustics			$.....	$.....	$.....	$.....	$.....	$.....
[Other Service] ……			$.....	$.....	$.....	$.....	$.....	$.....
							TOTAL LUMP SUM CONSULTANTS FEE	$.....

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CONDITIONS OF TENDER

1. PARTIES BOUND

By receiving a copy of the Tender Documents or submitting a Tender in response to the Invitation to Tender and Tender Documents, a party agrees and the Principal agrees to be bound by and shall comply with the terms of the Tender Documents.

2. TENDERER PREQUALIFICATION AND REGISTRATION

As a condition of the Invitation to Tender and a condition precedent to the consideration, evaluation and acceptance of the Tender, the Tenderer is required to hold status as either:

(a) a "Registered Tenderer" with the Department of Housing and Public Works; or

(b) a Registered Pre-Qualified Tenderer with the Queensland Department of Housing and Public Works Prequalification (PQC) System for the PQC Rating and Registration Category relevant to the proposed Contract,

as stated in the Invitation to Tender, prior to being issued Tender Documents and at the Time for close of Tender and at the Date of Acceptance of Tender.

3. COMMUNICATIONS WITH THE PRINCIPAL

(a) Unless otherwise agreed with the Principal's Nominee identified in the Tender Form, all communications between the Tenderer and the Principal upon which the Tenderer intends to rely for the purposes of its Tender shall be in writing and addressed to or issued by the Principal's Nominee.

(b) The Principal will not be bound by, and the Tenderer may not rely upon, any oral advice or information nor any written advice or information provided by any person other than the Principal's Nominee.

(c) The Tenderer shall not communicate with any person or corporation who is the intended owner, occupant, operator or manager of the facility the subject of the Tender except with the express permission of the Principal's Nominee.

4. CONDITIONS OF TENDER

4.1. Code of Tendering

The Principal has adopted AS4120-1994 Australian Standard Code of Tendering, as amended by the Tender Documents, as its code of tendering provided that to the extent of any inconsistency between AS4120-1994 and any other document comprising the Tender Documents the other document shall prevail and (without limitation) particulars of project funding arrangements are confidential to the Principal and the Principal will not be providing particulars of project funding arrangements to Tenderers contrary to AS4120-1994.

4.2. Interpretation

(a) Meanings assigned to words and expressions in the Conditions of Contract shall apply to those words and expressions in the Tender Documents.

(b) The clause, sub clause, paragraph and sub-paragraph headings in the Conditions of Tender shall not form part of the Conditions of Tender and shall not be used in the interpretation of the Conditions of Tender.

(c) If any part of the Conditions of Tender is or becomes illegal, invalid or unenforceable, the legality, validity or enforceability of the remainder of the Conditions of Tender will not be affected and the Conditions of Tender will read as if the part had been deleted.

4.3. Definitions

The following definitions shall have effect in respect of the Conditions of Tender only.

In addition to the words and terminology contained in the Conditions of Contract, except where the context otherwise requires:

(a) "Alternative Tender" means a Tender which:

(i) does not comply in every respect with the requirements of the Tender Documents including (without limitation) the Conditions of Tender; or

(ii) contains provisions not required or not allowed by the Tender Documents;

(b) "Best Endeavours Process" means a process that includes, as a minimum:

(i) arranging, attending and participating in meetings with stakeholders;

(ii) disclosing relevant information, other than confidential or commercially sensitive information, in a timely way to stakeholders;

(iii) genuinely considering proposals made by stakeholders, and providing responses, together with reasons, within a reasonable time; and

(iv) not engaging in capricious or unfair conduct that undermines the freedom of any stakeholder or the process.

(c) "Best Practice Industry Conditions" means the Best Practice Industry Conditions at Schedule 18 of Volume 3.

(d) "Conforming Tender" means a Tender on the basis of the Tender Documents for the execution of the whole of the Works in accordance with the Tender Documents and which:

(i) complies in every respect with the requirements of the Tender Documents including (without limitation) the Conditions of Tender; and

(ii) does not contain provisions not required or not allowed by the Tender Documents;

(e) "electronic tender system" refers to:

(i) the Department of Housing and Public Works QTender;

(ii) the Department of Housing and Public Works QBuild eTender; or

(iii) another Information System, specified in the Tender Form;

(f) "Ethical Supplier Threshold" means the Ethical Supplier Threshold described in the Queensland Procurement Policy;

(g) "Information System" means a system for generating, sending, receiving, storing or otherwise processing electronic communications;

(h) "Intellectual Property Rights" means copyright, patents and all rights in relation to inventions, registered and unregistered trademarks (including service marks), registered designs, circuit layouts and all other rights resulting from intellectual activity in the industrial, scientific, literary or artistic fields;

(i) "Invitation to Tender" means either:

(i) the invitation, notified directly to an Invited Tenderer by the Principal, to submit a Tender for the performance of the work under the Contract; or

(ii) a public notice or advertisement of the invitation by the Principal to parties to submit a Tender for the performance of the work under the Contract;

(j) "Invited Tenderer" means a party who:

(i) the Principal invited to submit a Tender either:

(A) directly by invitation pursuant to clause 4.3(h)(i); or

(B) indirectly by invitation pursuant to clause 4.3(h)(ii); and

(ii) satisfied the conditions of the Invitation to Tender and the Conditions of Tender at the time of Invitation to Tender and at the time for close of Tender;

(k) "Minimum Consultancy Services" are those stated in Schedule 5 to the Conditions of Contract;

(l) "Moral Rights" are moral rights granted to creators under the *Copyright Act 1968* (Cth) and any similar rights existing under foreign laws;

(m) "Principal's Nominee" means the person identified in the Tender Form;

(n) "Queensland Procurement Policy" means the Queensland Government policy titled "Queensland Procurement Policy 2018" or any policy which replaces that policy;

(o) "Tender" means an offer submitted by a Tenderer and includes the documents and details submitted by a Tenderer referred to in:

(i) clause 7.2 (Composition of the Tender);

(ii) clause 9 (Tenderer Assessment and Tenderer Evaluation); and

(iii) all other documents and information submitted by the Tenderer unless expressly excluded pursuant to the terms of the Tender Documents;

(p) "Tenderer" means a party who submitted a Tender in response to the Tender Documents and includes an Invited Tenderer;

(q) "Tender lodgement address" means the address described as such in the Tender Form.

5. TENDER DOCUMENTS

5.1. Composition and Availability

(a) "Tender Documents" comprise:

(i) The Invitation to Tender;

(ii) Volume 1 of 4 – Tender Requirements, including the Tender Form and these Conditions of Tender;

(iii) Volume 2 of 4 – Conditions of Contract;

(iv) Volume 3 of 4 – Conditions of Contract – Schedules;

(v) Volume 4 of 4 – Project Brief;

(vi) the Code of Tendering (AS4120-1994) as amended by these Conditions of Tender;

(vii) any other documents provided to tenderers by the Principal for the purpose of tendering; and

(viii) any documents or parts of documents expressly referred to in the Tender Documents;

but excluding the Notice to Tenderers and any other document or part thereof which is expressly stated to be excluded from the Tender Documents.

(b) To the extent of any discrepancy or inconsistency between these Conditions of Tender and AS4120-1994, these Conditions of Tender shall prevail.

(c) An electronic copy of the Tender Documents (excluding AS4120-1994) is available at the electronic address stated in the invitation to tender.

(d) A copy of AS4120-1994 is available at the SAI Global Web Shop, https://www.saiglobal.com/.

5.2. **Addenda**

The Principal may at any time issue amendments to the Tender Documents. Such amendments shall be:

(a) issued in writing;

(b) issued to all Invited Tenderers; and

(c) identified as an addendum to the Tender Documents.

5.3. **Confidentiality**

(a) All information contained in the Tender Documents which is not in the public domain is to be treated as confidential ("Confidential Information"). Confidential Information contained in the Tender Documents is only to be used for the purpose of preparing a Tender in response to the Invitation to Tender and the Tender Documents.

(b) A party issued with Tender Documents:

(i) must ensure that only appropriate employees have access to the Confidential Information. In all such cases, the party is to inform such employees of the confidential nature of the information and that it must not be disclosed.

(ii) must not and must ensure that its employees and agents do not at any time disclose such Confidential Information directly or indirectly to any person whatsoever for any reason, or use or permit it to be used directly or indirectly for any reason.

(iii) fully indemnifies the Principal against any loss, costs, expenses, demands or liability, whether direct or indirect, arising out of disclosure or unauthorised use of Confidential Information by the party, its employees and agents.

5.4. **Discrepancies, Errors and Omissions in the Tender Documents**

Should the Tenderer:

(a) find any discrepancy, error or omission in the Tender Documents; or

(b) have any doubt as to the meaning of any portion of the Tender Documents

it shall forthwith notify the Principal's Nominee in writing requesting clarification. Any clarification by the Principal's Nominee shall be valid only if issued in writing and may be issued to all Invited Tenderers.

6. COPYRIGHT AND INTELLECTUAL PROPERTY

6.1. **Tender Documents**

(a) The Tender Documents shall at all times remain the property of the Principal.

(b) All rights of intellectual property, including copyright, in the Tender Documents and other documents supplied to the Tenderer by or on behalf of the Principal are the property of the Principal and shall not be used by the Tenderer for purposes other than the preparation of the Tender except with the prior written approval of the Principal.

6.2. **Tender**

(a) All material of any nature whatsoever submitted as the Tender, with the Tender or in relation to the Tender shall remain the property of the Principal.

(b) The Tenderer fully indemnifies the Principal against any loss, costs, expenses, demands or liability, whether direct or indirect, arising out of any claim by a third party against the Principal alleging that the material contained in the Tender or acts by the Principal in relation to the Principal's use of the Tender material infringe any Intellectual Property Rights of that third party.

(c) Intellectual Property Rights in all material submitted by the successful Tenderer in its Tender, is hereby assigned to the Principal upon acceptance of the Tender.

(d) To the extent that any material submitted in the successful Tender is the subject of pre-existing Intellectual Property Rights of third parties, the successful Tenderer shall procure an assignment of all such Intellectual Property Rights to the Principal.

(e) The Tenderer shall procure all necessary consents or waivers from creators in respect of Moral Rights to allow the Principal to do or authorise any acts or omissions in relation to material submitted by the successful Tenderer in its Tender.

7. GENERAL TENDERING REQUIREMENTS & OBLIGATIONS

7.1. Lodgement of Tender

(a) The Tender is required to be submitted to the Tender lodgement address stated in the Tender Form.

(b) For electronic Tenders:

(i) Subject to clause 7.1(b)(iii), the Tender shall be submitted in electronic Microsoft Word, Excel or PDF format delivered to the electronic tender system indicated on the Tender Form at "Tender lodgement address".

(ii) The Tender shall be deemed to have been delivered to the electronic tender system designated to receive the electronic communications at the date and time stated on the electronic receipt issued to the Tenderer. Any Tender, or part thereof, that has not been delivered to the designated electronic tender system before the specified closing time may be rejected at the discretion of the Principal.

(iii) In the event of:

(A) a technical failure of the Tenderer's Information System or of the Principal's electronic tender system, resulting in an inability to submit the Tender in electronic format as required by clause 7.1(b)(i); or

(B) a failure of the Principal's electronic tender system to issue an electronic receipt to the Tenderer acknowledging receipt of an electronic Tender from the Tenderer of an electronic Tender in accordance with clause 7.1(b)(i);

the Principal's Nominee may, on request by the Tenderer, allow the Tender to be submitted in either hardcopy format, in a sealed envelope, delivered to the tender box location advised by the Principal's Nominee, or by email, to the email address advised by the Principal's Nominee.

(iv) If a hardcopy or email Tender is submitted pursuant to clause 7.1(b)(iii), the Tender shall:

(A) include the name of the project and tender number, the closing date and time for receipt of Tenders and the Tenderer's name and address;

(B) state the clause 7.1(b)(iii) event that caused the Tender to be submitted by hardcopy or email; and

(C) be lodged in the tender box at the location advised by the Principal's Nominee by being placed therein or received by email to the advised email address, before the time specified for the closing of Tenders. Hardcopy or email Tenders not in the tender box or email inbox respectively, before the specified closing time may be rejected at the discretion of the Principal.

(c) For hardcopy Tenders:

(i) The Tender shall be submitted in hardcopy format in a sealed envelope, addressed and delivered to the Tender lodgement address stated in the Tender Form.

(ii) The Tender shall be delivered to the Tender lodgement address by the Time for close of Tender stated in the Tender Form.

(iii) If the Tender, or part thereof, is not delivered to the Tender lodgement address by the Time for close of Tender, it may be rejected at the discretion of the Principal no matter what the reason for the late lodgement.

(iv) Franking machine stamps will not be accepted by the Principal as proof of the date and time of dispatch of a Tender received after the Time for close of Tender.

(v) A Tender received by a means other than that expressly provided for in these Conditions of Tender will not be considered.

(vi) The Tenderer shall submit all information required pursuant to Schedule 2 to the Conditions of Tender as part of the Tender.

(vii) It is the responsibility of the Tenderer to ensure that the Principal is fully aware of the Tenderer's capabilities and shall submit as part of the Tender all information the Tenderer considers necessary to demonstrate its capabilities.

7.2. **Composition of the Tender**

(a) The Tenderer shall lodge as the Tender:

(i) all:

(A) Tender Forms, and

(B) relevant Schedules and other parts of the Tender Documents which are required to be completed by the Tenderer,

fully and accurately completed;

(ii) the details identified in the Evaluation Criteria, if any, and required elsewhere in the Tender Documents; and

(iii) all other information the Tenderer considers necessary to demonstrate its capabilities pursuant to clause 9.2 and necessary to clarify its Tender.

(b) Where a schedule of technical details is required to be lodged as part of the Tender, the Tenderer shall, when requested by the Principal, promptly provide such additional information, by way of further details, illustrations, catalogues, brochures and the like, as may be necessary to fully describe the Tender.

(c) the Tenderer shall:

(i) sign the Tender personally or, affix its common seal on the Tender Forms in the manner prescribed in its articles of association or otherwise have the Tender formally and appropriately signed; and

(ii) have the Tender witnessed and dated,

where ever such provision is made.

(d) For electronic Tenders, the original Tender shall be submitted electronically as specified in the Tender Form.

(e) For hardcopy Tenders, an original Tender, marked “original”, plus two (2) complete copies (unless otherwise specified in the Tender Form) of the original Tender shall be enclosed in a sealed envelope or container, endorsed with:

(i) the name of the work tendered for;

(ii) the Tenderer's name and address;

(iii) the Time for close of Tender; and

(iv) the Tender lodgement address.

(f) The Tenderer will execute, and will ensure relevant parties execute, all documents and all acts and things required by the Principal for the purposes of giving effect to these Conditions of Tendering.

(g) The Tenderer shall provide such evidence as the Principal may require in relation to the due execution of the Tender.

7.3. **Tender for the works in respect of Stage One and Stage Two**

(a) It should be noted that if the Tenderer is successful then the Principal shall engage the Managing Contractor:

(i) to execute and complete the work required during Stage One; and

(ii) only if the Principal accepts the Managing Contractor's GCS Offer pursuant to Clause 11.2.1(a) of the Conditions of Contract, to execute and complete the work required during Stage Two.

(b) However, for the avoidance of doubt and notwithstanding any other provision of the Conditions of Tender, there shall not be any award of a Contract in respect of Stage Two, unless and until the Principal accepts the Managing Contractor's GCS Offer pursuant to Clause 11.2.1(a) of the Conditions of Contract.

(c) Tenders are invited on the basis of the Tender Documents.

7.4. **Alternative Tenders**

The Tenderer may, before the Time for close of Tender, submit an Alternative Tender.

7.5. **Tenderer to Inform Itself**

(a) The Tenderer shall satisfy itself that it is a bona fide Invited Tenderer.

(b) The Tenderer shall carry out all relevant investigations, examine, acquaint and satisfy itself with and make due allowance in the Tender for:

(i) the completeness of the Tender Documents;

(ii) all information which is relevant to the risks, contingencies and other circumstances which could affect the Tender and any subsequent contract and which is obtainable by making reasonable enquiries;

(iii) the extent and nature of all services including but not limited to temporary services necessary to ensure the continuing operation of any existing facility;

(iv) the requirements of Authorities having jurisdiction over the Works;

(v) the Site and its surroundings including without limitation:

(A) all relevant physical conditions above, upon and below surface of the Site and the climatic conditions at and near the Site,

(B) the means of access to and from the Site,

(C) facilities at the Site, and

(D) transport facilities for deliveries to the Site;

(vi) the nature of the work, Constructional Plant and material necessary for the execution of the work under the Contract;

(vii) the correctness and sufficiency of its Tender and that the Tender includes allowance for the cost of performing all the obligations and covenants of the Managing Contractor under the Contract and the cost of completing the work under the Contract in accordance with the terms and conditions of the Contract.

7.6. **Rise and Fall**

The Tenderer shall ensure that the Tender includes all allowances in respect of cost adjustment (Rise and Fall) and escalation in accordance with the Tender Documents.

7.7. **Quality Assurance**

The Tenderer shall submit with the Tender evidence satisfactory to the Principal that the Tenderer can comply with the Quality Assurance requirements of the proposed Contract.

7.8. **Language**

The Tender shall be in the English language. Any documents forming part of the Tender which are in a language other than English shall be accompanied by a translation.

7.9. **Units of Measurement**

Measurements and quantities shall be consistent with the Weights and Measures (National Standards) Act 1960-1966, and as amended from time to time, or in the absence of any specification therein in accordance with the Australian Metric Tables and Australian Standard AS1000 - The International System (SI) and its application.

7.10. **Order of Tender**

Where practical, the Tender shall be in a bound document. The order of documents making up the Tender shall be:

(a) the Tender Forms; followed by

(b) the information listed in the tender evaluation criteria contained in the Tender Documents if any (in the order listed).

7.11. **Consolidated Tender**

(a) The Principal may invite the Tenderer to resubmit to the Principal its Tender in the form of a consolidated Tender. The Principal may accept a consolidated Tender. The form of the consolidated Tender shall be:

(i) a complete copy of the original Tender including the Tender Documents together with:

(A) all amendments to the original Tender agreed between the Principal and the Tenderer since the submission of the original Tender clearly noted thereon, and

(B) a letter confirming that the original Tender, amended as aforesaid constitutes the Tenderer's consolidated Tender; or

(ii) copies of Schedules as may have been submitted by the Tenderer in the original Tender or at any time after the submission of the original Tender as the Principal may require:

(A) duly revised to incorporate all amendments agreed by the Principal and the Tenderer since the submission of the original Tenderer, and

(B) clearly marked as superseding all corresponding Schedules previously submitted by the Tenderer, together with:

(C) a letter confirming that the original Tender as amended to incorporate the revised Schedules and any addenda issued by the Principal since the submission of the original Tender constitutes the consolidated Tender.

(b) If requested by the Principal the Tenderer shall provide to the Principal, at no cost to the Principal, three additional copies of the Consolidated Tender.

(c) The Principal shall provide to the Tenderer three additional copies of the Tender Documents and all addenda issued after the submission of the original Tender as considered appropriate by the Principal.

7.12. **Consultants**

(a) Where consultants have been listed in Schedule 1 to the Conditions of Tender, the Tenderer shall select from, and include in its Tender, allowance to engage consultants selected from those listed for the provision of the Minimum Consultancy Services stated in Schedule 5 to the Conditions of Contract. and any services in addition to the Minimum Consultancy Services to fulfil its obligations under the Contract.

(b) Pursuant to the Conditions of Contract, the Managing Contractor may engage consultants other than those listed for services in addition to the Minimum Consultancy Services.

(c) Notwithstanding this clause 7.12 and Schedule 1 to the Conditions of Tender, the Tenderer shall undertake its own:

(i) investigations;

(ii) negotiations;

(iii) confirmations; and

(iv) arrangements

in respect of all consultancy services required by the Managing Contractor to fulfil the obligations of the Managing Contractor under the Contract and shall make all necessary allowances in its Tender.

(d) The Tenderer shall identify at item 8 of the Tender Form:

(i) All consultants that the Tenderer, as Managing Contractor, will engage to provide the Minimum Consultancy Services stated in Schedule 5 to the Conditions of Contract; and

(ii) The scope of consultancy services in addition to the Minimum Consultancy Services the Tenderer, as Managing Contractor, will require to fulfil its obligations under the Contract, together with the names of the consultants intended to be engaged to provide those additional consultancy services; and

(iii) The respective Consultants' fees.

(e) If the Tenderer's Tender is accepted by the Principal, the Tenderer acknowledges that if the Principal has paid to a Consultant identified at Schedule 1 to the Conditions of Tender, any fees included in the minimum Consultants Fee identified on the Tender Form, the Tenderer agrees that the tendered lump sum Consultants Fee accepted by the Principal will be adjusted by the Principal's Representative and reduced by the amount of the additional fees paid by the Principal after issuance of the Tender Documents and prior to acceptance of a Tender.

(f) The Tenderer's acceptance of the consultants listed in Schedule 1 to the Conditions of Tender (if any) and Minimum Consultancy Services (if any) is prerequisite to the submission of a Tender and subsequent consideration and acceptance of a Tender by the Principal.

(g) The Principal's requirements in respect of consultancy agreements are stated in Clause 18 of the Conditions of Contract.

7.13. **Costed Methodology Statement for On Site Overheads and Management Fee**

The Tenderer must include in its Tender a costed methodology statement for On Site Overheads and for those resources included in the Management Fee, showing full details and individual costings of personnel and other items, that have been allowed by the Tenderer in its Tender for the On Site Overheads Fee and Management Fee respectively. The Tenderer acknowledges that regard may be had to the Tenderer's costed methodology statement for On Site Overheads, and resources included in the Management Fee, in the evaluation of the Tenderer's Tender, in addition to any evaluation criteria, and in the administration of the Contract.

7.14. **Preferred Subcontractors**

If the Tenderer wishes to involve preferred subcontractors for particular trade packages during Stage One, the Tenderer must identify those subcontractors in its Tender and, if the Principal requires, such preferred subcontractors are to be registered on the whole-of-Government Prequalification (PQC) System for building industry consultants and contractors ('PQC System') and have a PQC level of 3 or 4 prior to any engagement by the Tenderer, should its Tender be accepted, in connection with the work under the Contract.

8. TENDERER WARRANTIES

(a) In lodging the Tender, the Tenderer warrants that:

(i) the Tenderer is in all respects an independent Tenderer and that no collusion has taken place between the Tenderer and any other prospective tenderer or interested party in the preparation of the whole or any part of the Tender;

(ii) that the Tenderer has:

(A) carried out all relevant investigations of, and

(B) examined, acquainted and satisfied itself with, and

(C) made the necessary allowance in the Tender for

all things in accordance with clause 7.5 of these Conditions of Tender;

(iii) further to the warranties in clause 8(a)(ii) of the Conditions of Tender, the Tenderer has satisfied itself of the adequacy and sufficiency of the Project Construction Cost Estimate for the performance of the work to be required under the Contract having regard to the Tender Documents;

(iv) all information contained in the Tender is accurate;

(v) it shall maintain the skill and expertise necessary to complete the work under the Contract for the duration of the Contract;

(vi) all persons nominated in the Tender as key personnel will remain working on the project to the extent indicated in the Tender for as long as the persons work for or are employed by the Tenderer unless the Principal otherwise consents in writing;

(vii) it will maintain at adequate levels for the duration of the Contract all resources required for the proper completion of the Work under the Contract in accordance with the Contract including but not limited to:

(A) skilled personnel,

(B) finance,

(C) materials,

(D) Constructional Plant, and

(E) office and factory buildings and facilities;

(viii) the Intellectual Property Rights to be assigned to the Principal do not and will not infringe the Intellectual Property Rights of any person;

(ix) it, and any consultants the Tenderer proposes to engage or has engaged, have the necessary experience, skill and expertise to perform and complete the work under the Contract as evidenced by the Tender;

(x) it will fulfil all obligations offered in the Tender, including without limitation the Tenderer's non-price criteria and Best Practice Industry Conditions offers;

(xi) it will fulfil all obligations required in respect of Queensland Government policies;

(xii) it will give the Principal prior notice of any likely change in circumstances in respect of this clause 8; and

(xiii) it will comply with the Ethical Supplier Threshold.

(b) The Tenderer agrees that the foregoing warranties shall form part of the proposed Contract and a breach of any of the foregoing warranties shall be a substantial breach of Contract under the proposed Contract.

9. TENDERER ASSESSMENT AND TENDER EVALUATION

9.1. Principal's Discretion

(a) The Principal shall not be bound to consider or accept a Tender lodged by a party who is not a bona fide Invited Tenderer.

(b) Notwithstanding the evaluation of Tenders (if any) in accordance with clause 9.2 herein, the Principal may in its absolute discretion and at any time accept, or decline to accept, any Tender.

(c) Without derogating from the provisions in clause 9.1(b), the Principal may, in its absolute discretion, decline to evaluate any Tender that it has determined to be an Alternative Tender.

(d) The Principal shall not be liable for payment of any costs of any nature whatsoever, nor liable for any claim for damages against the Principal by the Tenderer in relation to the preparation, submission or any negotiation of the Tender. All costs of tendering shall be borne by the Tenderer.

9.2. Evaluation and Assessment

(a) The Principal shall evaluate Conforming Tenders in accordance with the tender evaluation criteria contained in Schedule 2, or in the absence of any tender evaluation criteria, on the basis of best value for Government.

(b) The Principal, if it determines to evaluate an Alternative Tender, shall evaluate such Alternative Tender on the basis of best value for Government which may, or may not, be the tender evaluation criteria contained in the Tender Documents.

(c) Where both Conforming and Alternative Tenders have been evaluated, the Principal may select a Tenderer which on a view of all circumstances represents the best value for Government.

(d) Without limiting the generality of clause 9.1(b), and notwithstanding that the Tenderer complies with clause 2, the Tenderer acknowledges and agrees that:

(i) The Principal has not at the time of inviting tenders satisfied itself as to the Tenderer's financial capacity to satisfactorily perform and complete the Contract in accordance with its terms.

(ii) The Principal may undertake an assessment or further assessment of, without limitation, the Tenderer's financial capacity to satisfactorily complete the work under the Contract. The Principal may engage a third party to undertake such assessment or further assessment.

(iii) The Tenderer shall provide to the Principal, or a third party nominated by the Principal, within the time stipulated by the Principal all information requested in relation to the performance capability, past performance record and financial capacity of the Tenderer to undertake and complete the work under the Contract. A failure to provide the requested information within the time stipulated may result in a decision by the Principal that the Tenderer does not have sufficient financial capacity to satisfactorily perform and complete the Contract in accordance with its terms.

(iv) The Principal may decline to consider or accept a Tender from a Tenderer who:

(A) has not been able to satisfy the Principal that it has sufficient financial capacity to satisfactorily perform and complete the Contract in accordance with its terms; or

(B) prior to the award of tender, does not hold a Certificate of Prequalification, or is not appropriately registered for the work the subject of the Tender, pursuant to the prequalification (PQC) system current at the time and date of closing of tenders.

(v) The Principal in its absolute discretion may, as a pre-requisite to the further consideration and acceptance of the Tender require the Tenderer to agree in writing, as part of the Tender, to provide additional security pursuant to clause 9.2 of the Conditions of Contract.

(e) Information relating to the financial capacity of the Tenderer to complete the work under the Contract that may be held by any Government Department or Instrumentality may be made available to the Principal for its information and may be taken into account in assessing the financial capacity of the Tenderer.

(f) The Tenderer shall not tender alternative Construction Bonus schemes.

(g) Information relating to the Tenderer relevant to the evaluation criteria that may be held by any Government Department or Instrumentality, such as Work Health Safety Queensland, the Queensland Building and Construction Commission, the Fair Work Commission and the Australian Building and Construction Commission, may be obtained by or made available to the Principal for its information and verification, and may be taken into account in assessing the Tender response.

9.3. **Additional Information**

(a) The Tenderer shall upon request assist the Principal in its evaluation of the Tender and assessment of the Tenderer's performance and financial capabilities by providing such further information, documents or evidence as requested.

(b) Prior to or after the Time for close of Tender the Principal may require the Tenderer to make a presentation to the Principal and the Principal's agents of the proposals contained in the Tender.

(c) The Tenderer acknowledges and agrees that information relating to the Tenderer relevant to the tender evaluation criteria set out in Schedule 2, that may be held by any Government Department or Instrumentality such as Work Health Safety Queensland, the Queensland Building and Construction Commission, the Fair Work Commission and the Australian Building and Construction Commission, may be obtained by or made available to the Principal for its information and verification, and may be taken into account for the purposes of clause 9.

9.4. **Tender Evaluation Process**

(a) In the evaluation of Tenders (if any) in accordance with clause 9, the Principal may, without being under any obligation to do so, in its absolute discretion and at any time:

(i) seek clarification in respect of any aspect of a Tenderer's Tender;

(ii) shortlist or prefer any one or more Tenderers; and

(iii) discuss or negotiate with, or receive presentations, further submissions or best and final offers from, any one or more Tenderers in respect of their Tender, in such manner, and as to such aspects of the Tender, as the Principal determines, including prices.

(b) The provisions of clause 9.4 and any exercise by the Principal of its rights under clause 9.4:

(i) is without prejudice to any other rights of the Principal;

(ii) apply notwithstanding clause 6.6 of AS4120-1994;

(iii) except to the extent notified otherwise by the Principal in writing, are subject to the other express provisions of these Conditions of Tender;

(iv) shall not give rise to any representation by the Principal as to the acceptability or otherwise of any Tender;

(v) shall not preclude the Principal from at any time considering or accepting any Tender (whether or not the subject of the exercise by the Principal of its rights under clause 9.4);

(vi) shall not give rise to any obligation (implied or otherwise) on the Principal except to the extent expressly provided in these Conditions of Tender or notified by the Principal in writing.

(c) Except to the extent the Principal expressly agrees otherwise, the provisions of these Conditions of Tender shall continue to apply to any process which the Principal may undertake under clause 9.4 in connection with the evaluation of Tenders.

10. RIGHT TO INFORMATION AND DISCLOSURE

(a) The Right to Information Act 2009 (RTI Act) provides members of the public with a legally enforceable right to access documents held by Queensland Government agencies. The RTI Act requires that documents be disclosed upon request, unless the documents are exempt or on balance, disclosure is contrary to public interest.

(b) Information contained in a Tender is potentially subject to disclosure to third parties. In the assessment of any disclosure required by the Principal pursuant to the RTI Act, the Tenderer accepts that any information provided in its Tender, including information marked as confidential, will be assessed for disclosure in accordance with the terms of the RTI Act.

(c) Notwithstanding any other provision of the Tender Documents or a Tender, if a Tender is accepted, the Principal may publish on the Queensland Government Marketplace website or by any other means, Contract information including:

(i) the name and address of the Principal and the successful Tenderer;

(ii) a description of the goods and/or services to be provided pursuant to the Contract;

(iii) the date of award of Contract (including the relevant stages if the Contract involves more than one stage);

(iv) the Contract value (including the value for each stage if the Contract involves more than one stage and advice as to whether any non-price criteria were used in the evaluation of tenders);

(v) the procurement method used; and

(vi) for contracts with a value over $10 million, the Contract, or summary information in respect of the Contract, between the Principal and the Contractor.

11. DEED OF GUARANTEE, INDEMNITY AND ASSUMPTION

(a) Where the Tenderer is a related or subsidiary corporation (as defined in the Corporations Act 2001(Cth)) the Tenderer shall, within 14 days after receiving a written request from the Principal,

provide a Deed of Guarantee, Indemnity and Assumption, in a form acceptable to the Principal, by the corporation to which the Tenderer is a related or subsidiary corporation duly executed and enforceable.

(b) The form of Deed of Guarantee, Indemnity and Assumption included in the Tender Documents is acceptable to the Principal.

12. FORMAL INSTRUMENT OF AGREEMENT

The successful Tenderer and the Principal shall execute a Formal Instrument of Agreement in accordance with the Conditions of Contract. Until a Formal Instrument of Agreement is executed by the parties in accordance with the Contract, documents evidencing the parties' consensus shall constitute the Contract.

13. TENDERER'S ACKNOWLEDGEMENT

The Tenderer acknowledges that notwithstanding:

(a) the submission of Tender fees for the performance of Stage Two, as part of its Tender; and

(b) references throughout the Tender Documents to Stage Two,

the Contract to be let upon acceptance of any Tender is for the performance of Stage One only. The scope of work under the Contract may be extended for the performance of Stage Two only if the Principal accepts the Managing Contractor's GCS Offer pursuant to clause 11.2.1(a) of the Conditions of Contract.

14. COLLUSIVE ARRANGEMENTS

(a) The Tenderer warrants that in submitting its Tender, except as expressly disclosed in its Tender:

(i) it has no knowledge of the tender price of any other tenderer, nor has it communicated with any other tenderer in relation to the Tenderer's tender price, or a price above or below which a tenderer may tender (excluding any pricing advised by the Principal), nor has it entered into any contract, arrangement or understanding with another tenderer to the effect that the Tenderer or another tenderer will tender a non-competitive price, for the work the subject of the Tender, at time of submission of its Tender;

(ii) it has not entered into any contract, arrangement or understanding to pay or allow any money directly or indirectly to a trade, industry or other association (above the published standard fee) relating in any way to its Tender or any contract that may be entered into consequent thereon;

(iii) it has not paid or allowed any money or entered into any contract, arrangement or understanding to pay or allow any money directly or indirectly to or on behalf of any other tenderer, nor received any money or allowance from or on behalf of any other tenderer, relating in any way to its Tender or any contract that may be entered into consequent thereon.

(b) In addition to any other actions the Principal may take, any breach of the warranties given in this clause will result in a review of the Tenderer's PQC registration status.

15. ETHICAL SUPPLIER THRESHOLD

(a) The Tenderer must comply with the Ethical Supplier Threshold and the Tenderer must provide true and correct responses to the criteria set out in the Ethical Supplier Threshold questionnaire on the Tender Form.

(b) If, at any time after the Tenderer submits its Tender, the Tenderer's responses to the criteria set out in the Ethical Supplier Threshold questionnaire are no longer true and correct for any reason, the Tenderer must promptly notify the Principal's Nominee of the change to the Tenderer's response.

(c) Tenderers acknowledge that, if at any time, the Tenderer's response to a criterion set out in the Ethical Supplier Threshold questionnaire on the Tender Form is "yes", the Principal may:

(i) in accordance with clause 9.1(c), decline to evaluate the Tender, as if it were an Alternative Tender; or

(ii) in accordance with clause 9.1(b), decline to accept the Tender.

16. BEST PRACTICE INDUSTRY CONDITIONS

(a) The Best Practice Principles set an expectation that projects will implement best practice industrial relations to ensure a skilled workforce is attracted and retained for the life of a project's delivery.

(b) The Queensland Government considers that the adoption of best practice industrial relations includes Tenderers engaging in modern and progressive industrial practices, including adopting terms of engagement of workers that are such as to enable the attraction of optimal levels of skills and experience, having regard to the significance of the project and competition for workforce resources from other major infrastructure projects.

(c) Part of what the Government sees as flowing from the adoption of best practice industrial relations is certainty and stability of that quality workforce to see the project through to successful completion with minimal disruption.

(d) The Best Practice Industry Conditions are a set of terms and conditions of employment that might ordinarily be expected to best achieve the Government's aims. Such terms and conditions promote best practice industrial relations by facilitating a detailed focus on all aspects of the employment relationship and achieving the goals of the project in a cooperative and productive way. This includes facilitating the adoption of practices to support the implementation of the highest possible levels of health and safety practices, procedures and training.

(e) The Tenderer is required to demonstrate in its Tender:

(i) how it will provide terms and conditions of employment, including specific pay rates, for its personnel who will perform work under the Contract, which are at least equivalent to the Best Practice Industry Conditions; and

(ii) the Best Endeavours Process by which the Tenderer will use its best endeavours to engage subcontractors who provide terms and conditions of employment, including specific pay rates, for their personnel who perform work under the Contract, which are at least equivalent to the Best Practice Industry Conditions.

(f) Although the Best Practice Industry Conditions are set out in the form of an agreement, it is not mandatory that Tenderers enter into an agreement, or require subcontractors to enter into an agreement, in that form in order to demonstrate that terms and conditions are at least equivalent to the Best Practice Industry Conditions. An agreement with the three named employee organisations is not a mandatory requirement. Tenderers are able to demonstrate how they will provide terms and conditions of employment which are at least equivalent to the substantive obligations, entitlements, conditions and amounts contained in the Best Practice Industry Conditions in any manner the Tenderer chooses to nominate. The Principal will give proper consideration to alternative ways of achieving the Best Practice Industry Conditions.

(g) Where a particular supplier of training, income protection insurance or superannuation is referred to in the Best Practice Industry Conditions, this entitlement or obligation relates to that supplier or any suitable equivalent which the Tenderer may choose to nominate.

(h) Nothing in the Best Practice Industry Conditions requires a Tenderer to make any commitment that would breach any laws.

(i) Any Tender that does not comply with the requirements of this clause 16 will be considered an Alternative Tender.

Tenderers must note that:

(a) if the Tenderer is awarded a Contract, the Principal will, in accordance with the Prequalification (PQC) System, prepare and submit performance reports to the PQC Registrar. The performance reports may include, amongst other things, information regarding;

(i) achievements or compliance with representations made in response to evaluation criteria listed in Schedule 2 to the Conditions of Tender;

(ii) compliance with any legislation relating to workplace health and safety, industrial relations, taxation and workers compensation legislation; and

(iii) compliance with the provisions of the Contract, including those clauses concerning Collusive Arrangements (Clause 6), Subcontracting (Clause 21), Occupational Health and Safety Audit (Clause 26.2); Apprentice/Trainee Policy (Clause 41.4), Site Personnel Register (Clause 41.5) and Payment of Workers and Subcontractors (Clause 58);

(b) the Queensland Government has published a document entitled "Building and construction Code of Practice 2000", previously entitled "Queensland Code of Practice for the Building and Construction Industry" (the Code of Practice). Tenderers are reminded that by being registered pursuant to the Prequalification (PQC) System they have provided an undertaking that they will abide by the Code of Practice;

(c) an adverse performance report or non-compliance with the Code of Practice will result in a review of the Contractor's PQC registration status.

SCHEDULE 1 – Consultants

Conditions of Tender clause 7.12

Discipline	Consultants	Minimum Fee	Arrangements made by Principal
Principal Consultant / Architect	Guymer Bailey Architects Pty. Ltd.	$22,072,907 (incl. GST)	Refer to Volume 4 - Attachment 7 – Minimum Services

Refer *Volume 1 – Appendix 1 – Principal Consultant / Architect & Design Team Fees*

The Tenderer is only permitted to discuss the Minimum Services, any additional scope of services required to fulfil the requirements of Volume 4 - Project Brief and the associated fees with the Principal Consultant. Any design related or other queries should be directed through the Principal's Nominee outlined in the Tender Form"

SCHEDULE 2 – Tender Evaluation Criteria

General

The Tenderer must be able to prove and demonstrate ability against each of the criteria. If, in the opinion of the Principal, the Tenderer in any criterion fails to demonstrate a satisfactory ability in relation to that criterion, the Principal may decline to further evaluate the Tender. Without limiting the foregoing, if the Tenderer receives a point score less than 40% of the highest possible point score for a given criterion, the Principal in its absolute discretion may decline to further evaluate the Tender.

The Tenderer must demonstrate that its Tender represents value for Government.

- Without derogating from the provisions of clause 9.1(b) of the Conditions of Tender, the Principal may, in its absolute discretion, decline to evaluate any Tender that includes tendered fees that are 20% lower than the tendered fees of the next lowest Tender.
- For tender evaluation purposes only, the tendered Off Site Overheads and Profit Fee for Stage Two (expressed as a percentage) will be applied to the Principal's project construction cost estimate contained in the Project Brief.

Detailed Non-Price Criteria (60 points total)

Criteria	Points (Out of 60)	Issues to be Considered
Criterion 1 Capability & Capacity including Resource Strategy	20	The MC will provide the following details for the proposed Resource Strategy of key team members from the Managing Contractors firm: 1. Project Organisation chart and roles of key positions; 2. Key team members, include 1 page curriculum vitae for each; 3. Key team members experience on correctional centres and other projects of this size and complexity including details of experience on corrections projects that support a health and rehabilitation / therapeutic operating; 4. Key team members experience in managing contractor and relationship contracts; 5. Key team members availability, including current project commitments (as a percentage); 6. Resource commitment schedule provided in a monthly project calendar format showing the percentage commitment of each person (differentiate between head office and project based staff); 7. Personnel back-up strategy, 8. Note the impact of the SQCP Stage 2 project on company resources; and 9. Referees for key team members, including firm name, name and details of relevant project, referee role on project, email and phone number. The Principal reserves the right to contact nominated referees during the tender evaluation process and / or obtain their own referees to obtain an independent testimony on the tenderers previous performance. **Note:** Please note that it is expected that any key personnel outlined in the submission will be involved for the project duration.
Criterion 2 Methodology	15	The MC will address the following in the submission:

		1. **Program** - Critical to the success of this project will be completion and handover by the target completion date. It would be advantageous to the client to reach completion on an earlier date than the target completion date. Provide a Master Program and commentary which incorporates strategies to manage program risks and achieve completion by the target date or **the earliest achievable date**; the Master Program should be submitted in both PDF and native formats; 2. **Budget** - Critical to the success of this project will be completion within budget. Outline what strategies specific to this project will be employed to ensure the project is completed within budget; 3. **Construction Methodologies** - Outline construction methodologies proposed including the stages, construction zones and general site management strategies for the new facility; 4. **GCS Offer** – Outline strategies for efficient GCS negotiation and acceptance 5. **Risk Management** - Identify key project risks and provide strategies on how these risks would be mitigated; 6. **Design Management –** Outline your design management approach to ensure you will design a facility that is fit for purpose, in line with the project requirements. 7. **Stakeholder & Communications Management** - Outline the proposed stakeholder & communication management strategy for the project. 8. **Digital Engineering / BIM strategy** – Outline the proposed Digital Engineering / BIM strategy for the project. Provide details of how the proposed strategy will meet or exceed the Digital Engineering Specification (provided in Attachment 14 to Volume 4). Note: The sample Digital Engineering Execution Plan (DEEP) provided in Attachment 14 to Volume 4 provides guidance in relation to the type of approach that the Principal considers meets the Digital Engineering Specification and digital expectations. However, it is recognised that the Tenderer may wish to propose other ways of achieving the Digital Engineering Specifications. 9. **Value Add** - Outline what value add strategies/initiatives you can bring to this project.
Criterion 3 Queensland Charter for Local Content / Local Benefits Test	5	The requirements of the Queensland Charter for Local Content (QCLC) will apply under the Managing Contractor contract. The MCs will need to provide their company's commitment to and relevant experience in Local Industry Participation (LIP) and training, including: 1. A Statement of Intent outlining likely strategies as Managing Contractor to maximise the use of local businesses, create local employment opportunities and form local alliances in an effort to encourage more effective and adaptive approaches to maximising local content. This response should also include strategies of the Sub-contractor teams. 2. Examples of LIP strategies and outcomes achieved on similar large-scale projects. 3. Preliminary trade package analysis on likely opportunities for local businesses. 4. Detailed engagement strategy outlining registration of interest

		process, public forums and other communication channels. 5. Proposed use of local sub-contractors and providers/suppliers and the number and percentage to be locally sourced; 6. Strategies as Managing Contractor to maximise employment opportunities for the local Indigenous (Aboriginal and Torres Strait Islander) community.
Criterion 4 Best Practice Principles	20	The State Government is committed to ensuring quality work for all those engaged on major Queensland Government projects. The Government believes that a commitment to best practice industrial relations, workplace health and safety and the provision of appropriate training opportunities for all workers on major Queensland Government projects will help to deliver major projects on time and on budget. As such, Tenderers must demonstrate, as part of their Tender, how they propose to address each of the following four best practice principles: • Best practice Workplace Health & Safety (WHS) systems and standards • Best practice commitment to apprentices and trainees • Best practice industrial relations • History of compliance with procurement, tendering and other government policy. Compliance with the workplace health and safety systems and standards, commitment to apprentices and trainees and industrial relations best practice principles will be measured against the substantive obligations, entitlements, conditions and amounts contained in the Best Practice Industry Conditions. See clause 16 of the Conditions of Tender for more information about the Best Practice Industry Conditions. The Tenderer must address the following in its Tender: Best Practice Principle 1 – WHS systems and standards 1. Provide a detailed work health and safety management plan (*Work Health and Safety Act 2011* (WHS Act) s.309(1) requirement) outlining: • the Tenderer's approach to managing health and safety throughout all phases of this contract • supporting safety management systems • cover for workers and other persons such as subcontractors at the workplace in line with the WHS Act, associated regulations and codes of practice • accreditations or certifications under which the safety management plan and systems were developed. • processes governing workforce consultation on WHS matters • processes for managing the risk rather than the consequences of the risk (risk identification, elimination and management).

		• Management of site establishment.
		• WHS and environmental management plan, summarising the following:
		  ○ safety in accessing sites and installation work practices and standards;
		  ○ safety in response to incidents.
		A summary should also be included that specifically highlights the above elements.
		2. Provide details of the WHS training schedule and practices for workers on the contract that apply when they are:
		• in the Tenderer's office; and
		• onsite.
		Provide detail of inductions provided.
		Show how the schedule, practices and inductions:
		• apply to subcontractors; and
		• are measured, reported on and improvements made.
		3. Provide details about the Tenderer's processes that ensure that designs developed comply with WHS practices and assist in reducing risks on construction projects.
		Include detail on the safety management systems and risk management systems used.
		4. Has the Tenderer (including its parent company or directors) been subject to any of the following under the WHS Act in the last 5 years?
		• convictions or prosecutions for any offences
		• enforceable undertakings and/or penalties
		• prohibition, infringement or improvement notices
		• fatalities and serious injury (requiring hospitalisation).
		If so, provide particulars (including number of sites or projects covered by the notices and the number of visits from inspectors, role of the contractor, systems and processes in fatalities or injuries), explain the reasons for the action, lessons learnt and processes put in place to identify root causes as well as apply corrective actions to prevent re-occurrence.
		Note: The Tenderer must provide a letter of consent prior to tender close (refer to notice to tenderers) to allow the information regarding the Tenderer to be verified. Refer to Appendix 2 for template consent form
		5. Provide details of registration of workers' compensation including policy reference number.
		Provide details of workers' compensation claims (number and value) over this period.
		<u>Best Practice Principle 2 – Commitment to Apprentices & Trainees</u>
		1. With reference to Queensland Government Building and Construction Training Policy, demonstrate how the Tenderer will meet or exceed the minimum requirements.

		What percentage of the total labour hours is to be undertaken by apprentices and/or trainees and other work force training. Information should be broken down by particular class of trade and location available for the project. 2. Demonstrate how the Tenderer provides opportunities for current employees, apprentices and trainees within your industry, including support for the delivery of nationally endorsed building and construction competencies (e.g. policies and procedures to support staff in enrolling in and completing training and position descriptions that require workers to hold relevant qualifications). Also indicate other practices or programs that may be implemented as part of the project to improve opportunities for apprentices and trainees, including specific training and development plans that will be provided in relation to the work 3. Provide details of past compliance with the Queensland Government Building and Construction Training Policy or equivalent (available from Construction Skills Queensland and evidenced through the Training Policy Administration System (TPAS) system. 4. Provide copies of any specific training and development plans that will be provided in relation to the work. 5. Include detail in the response of how the criteria for commitment to apprentices and trainees will be applied to subcontractors. <u>Best Practice Principle 3 – Industrial Relations</u> 1. Provide details of how the terms and conditions of employment, including specific pay rates, for the Tenderer's personnel who will perform work under the Contract, are at least equivalent to the Best Practice Industry Conditions. 2. Provide details of the Best Endeavours Process by which the Tenderer will use its best endeavours to engage subcontractors who provide terms and conditions of employment, including specific pay rates, for their personnel who perform work under the Contract, which are at least equivalent to the Best Practice Industry Conditions. Note: clause 21.2 of the Conditions of Contract sets out the measures that the Managing Contractor must implement when preparing proposed Subcontract Construction Documentation and entering into Subcontracts. The Principal is seeking processes aimed at maximising the opportunities for subcontractors to be able to demonstrate best practice industrial relations. 3. Provide detail on employee and employer representative organisations that the Tenderer has engaged with, the nature and outcome of those engagements, and details of proposed further engagements. 4. Has the Tenderer been subject to any of the following under the *Fair Work Act 2009* (Fair Work Act) in the last 5 years: • convictions or prosecutions for any offences • enforceable undertakings and/or • infringement notices?

		If so, provide particulars (including number of sites or projects covered by the notices and the number of visits from inspectors, role of the contractor, systems and processes in fatalities or injuries), explain the reasons for the action, lessons learnt and processes put in place to identify root causes as well as apply corrective actions to prevent re-occurrence. <u>Best Practice Principle 4 – History of Compliance with Procurement, Tendering and Other Government Policy</u> 1. Has the Tenderer had any contract with a Queensland government agency terminated or suspended for defaulting in the past 5 years? If yes, what was the reason and what action has the Tenderer taken to prevent a re-occurrence? 2. Demonstrate the Tenderer's understanding of and how it will ensure compliance with relevant government policies including the Australian Standard Code of Tendering and those stated in the tender documents. 3. Demonstrate how the Tenderer adopts ethical principles when tendering for Queensland government projects including the Supplier Code of Conduct and Ethical Supplier Mandate. 4. Include detail in the response of how a history of compliance with procurement, tendering and other government policy criteria will be determined and monitored and applied to subcontractors to ensure compliance with BPP.

Tender Submission

Tenderers are requested to focus the main body of their proposals on explaining how their experience, capability and more importantly, how nominated teams are most likely to achieve the project objectives and satisfy the respective selection criteria.

A presentation of their tender submission, by each tenderer, will be included as part of the tender evaluation process.

Submissions should seek to be concise. Verbose and repetitive information within submissions is to be avoided.

Supporting documentation provided in attachments, other than curriculum vitae or those specifically requested, may not be read and will not be evaluated. Curriculum vitae for nominated key personnel are to be limited to a one page summary per person maximum.

Tenderers should provide an executive summary overview of the key features of the Tender.

Referees must be a third party who is independent of the Tenderer. Provide current contact details.

Tenderers must provide evidence to confirm compliance with the following basic requirements:

Item	**Mandatory Compliance Requirement**
Prequalification (PQC) level	The respondent must be suitably registered under the Prequalification System (PQC). Refer to Conditions of Tender. The Tenderer must provide PQC level and PQC Registration number in the Tender Form

Queensland Building and Construction Commission Licence	The Tenderer must attach a current and valid licence for the proposed works.
Quality assurance accreditation	The Tenderer must meet the minimum Quality Assurance System required (Second or Third party Certified Quality Assurance System to AS/NZS ISO 9001). The Tenderer must attach a copy of the certification.
Insurances	The Tenderer must be able to meet the insurance requirements as set out in Volume 2 Conditions of Contract and any statutory insurances required including, but not limited to: • Public liability insurance • Professional indemnity insurance. • WorkCover Queensland or equivalent. The Tenderer must attach evidence of their current insurances.
Ethical Supplier Threshold Confirmation	The Tenderer **must** respond to the Ethical Supplier Threshold criteria. Refer to Tender Form.

Mandatory Site Visit

A mandatory site visit will be organised within the first two weeks of the Tender period. Date and time to be confirmed.

Quality Premium Adjustment of Tender Prices

For the purposes of Tender evaluation only, the price of each Tender will be adjusted by application of a quality premium calculated as follows:

- Weighted Score for each non price criterion = Tenderer's criterion score (0-5)/5 (or such other applicable scoring range) x weighting (0-10) (or such other weighting)
- Weighted Sum = sum of all non-price criterion Weighted Scores
- Weighted Sum Margin = Tenderer's Weighted Sum –the Weighted Sum of the Tenderer with the lowest Weighted Sum
- Quality Premium for each tender = tender fee estimate x Weighted Sum Margin / (100-weighting)

For the purposes of the Tender evaluation only, the Quality Premium thus established for each Tender will be subtracted from the tendered price of that Tender and the Tenders compared accordingly.

Costed Methodology Statement

Pursuant to clause 7.13 Tenderers are to provide a costed methodology statement for On Site Overheads and Management Fee with their Tender.

Tenderers must provide a detailed reconciliation in their tender of consultancy services and fees which are an addition to the Minimum Consultancy Services (Refer to Volume 4 -Attachment 7 – Minimum Services).

APPENDIX 1 – Principal Consultant & Design Team fees

APPENDIX 2 – Work Health & Electrical Safety Check Consent Form

TS-4

Southern Queensland Correctional Precinct – Stage 2

Managing Contractor Tender Documents

Project Number: 87010

March 2020

Design & Construction Management

Stage One with Option for Stage Two

(Negotiated Guaranteed Construction Sum)

Volume 2 of 4 – Conditions of Contract

Volume 2 of 4

Queensland Government

Managing Contractor – Design and Construction Management – Stage One with option for Stage Two

(Negotiated Guaranteed Construction Sum)

Volume 2 of 4 – Conditions of Contract

Project name Southern Queensland Correctional Precinct – Stage 2

Project number 87010

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ANNEXURE 91

[redacted]

2. INTERPRETATION

2.1. Definitions

[redacted]

"Best Practice Industry Conditions" means the Best Practice Industry Conditions in Schedule 18;

"**Best Practice Principles**" means the Queensland Government guideline titled "Best practice principles; Quality, safe workplaces (Version 1.0 August 2018)" or any guidelines which replace those guidelines from time to time;

[redacted]

[redacted]

"Ethical Supplier Mandate" means the Queensland Government policy titled "Buy Queensland: Ethical Supplier Mandate" or any policy that replaces that policy;

"Ethical Supplier Threshold" means the Ethical Supplier Threshold described in the Queensland Procurement Policy;

[redacted]

[redacted]

3. NATURE AND SCOPE OF CONTRACT

[redacted]

3.2 If the Annexure provides that the Best Practice Principles are applicable and if the Principal is not satisfied, in its absolute discretion, that the Managing Contractor has implemented the arrangements set out in the Managing Contractor's Tender for the Best Practice Principles and the Best Practice Industry Conditions by the date specified in the Managing Contractor's Tender, or if no date is specified within a reasonable time, then the Principal may, by written notice to the Managing Contractor, terminate the Contract. If the Principal terminates the Contract under this clause, clauses 60.2.2 to 60.2.6 shall apply as if the termination had been made under clause 60.2.1.

[redacted]

[redacted]

21. ASSIGNMENT AND SUBCONTRACTING

[redacted]

21.2. **Construction Work**

[redacted]

21.2.3. If the Annexure indicates the Best Practice Principles are applicable, the Managing Contractor shall implement the following measures when preparing proposed Subcontract Construction Documentation and entering into Subcontracts:

(a) ensure evaluation of Subcontract tender responses against clear evaluation criteria and weightings, including evaluation of the terms and conditions of employment, including specific pay rates, for the subcontractor's personnel who will perform work under the Contract, against the Best Practice Industry Conditions;

(b) record all evaluation findings and, if requested, submit these to the Principal's Representative at the completion of each Subcontract evaluation;

(c) include the following best practice principles in proposed Subcontract Construction Documentation when selecting Subcontractors to undertake work under the Contract:

(i) best practice WHS systems and standards;

(ii) best practice commitment to apprentices and trainees;

(iii) best practice industrial relations; and

(iv) history of compliance with procurement, tendering and other government policy;

(d) require Subcontract tenderers to:

(i) demonstrate as part of their tender, how their terms and conditions of employment, including specific pay rates, for the subcontractor's personnel who will perform work under the Contract, compare to the Best Practice Industry Conditions;

(ii) demonstrate as part of their tender, how they propose to address each of the four best practice principles described at Clause 21.2.3(c);

(iii) acknowledge that information relating to the subcontractor relevant to the evaluation criteria that may be held by any Government Department or Instrumentality, such as Work Health Safety Queensland, the Queensland Building and Construction Commission, the Fair Work Commission and the Australian Building and Construction Commission, may be obtained by or made available to the Principal for its information and verification; and

(iv) execute a deed poll in favour of the Principal in the form set out in Schedule 16 and provide this as part of their tender;

(e) provide Subcontract tenderers with the Best Practice Industry Conditions and the following guidance examples of best practice in relation to the best practice principles described at Clause 21.2.3(c), which are examples only and are not comprehensive, compulsory or exhaustive:

(i) demonstrated compliance with government policies and undertakings given to the government for past projects;

(ii) demonstrated commitment to training, including the engagement of apprentices and trainees;

(iii) demonstrated history of compliance with industrial laws, including work health and safety laws; and

(iv) collective agreements that provide wages and conditions that attract a high quality and skilled workforce and tenderers may obtain further examples of such agreements at the following page on the Fair Work Australia website https://www.fwc.gov.au/awards-and-agreements/agreements;

(f) apply the weightings nominated in the Annexure for non-priced criteria relating to the Best Practice Principles and the local benefits test set out in the Queensland Procurement Policy and measure compliance with the workplace health and safety systems and standards, commitment to apprentices and trainees and industrial relations best practice principles against the substantive obligations, entitlements, conditions and amounts contained in the Best Practice Industry Conditions;

(g) include provisions in any resulting Subcontract requiring the Subcontractor to:

(i) provide terms and conditions of employment, induding specific pay rates, for the subcontractor's personnel who will perform work under the Contract, in accordance with the accepted Subcontractor's tender;

(ii) fulfil the commitments made in its tender in respect of the best practice principles described at Clause 21.2.3(c);

(iii) submit Subcontractor statutory declarations in the form set out in Schedule 7 as contemplated by Clause 58.2(b).

[redacted]

21.2.10. The Managing Contractor shall, unless otherwise agreed in writing with the Principal's Representative:

(a) obtain tenders from at least three tenderers for each Subcontract on the basis of the tender documentation prepared pursuant to Clause 21.2.9, either by public or select Subcontract tenders, and where required by the Principal require Subcontract tenderers to be registered on the whole-of-Government Prequalification (PQC) System for building industry consultants and contractors at the advised PQC level;

(b) where the Managing Contractor invites select Subcontract tenders including any preferred subcontractors identified in the Managing Contractor's Tender or GCS Offer:

(i) select only Subcontract tenderers included on a register of prequalified subcontractors, which may be the whole-of-Government Prequalification (PQC) System for building industry consultants and contractors with such Subcontract tenderers to be registered at a PQC level of 3 or 4, where required by the Principal's Representative;

(ii) finalise the list with the Principal's Representative; and

(iii) invite tenders in sufficient time to avoid delays or disruption to the progress of the work under the Contract;

(c) if required by the Principal's Representative:

(i) ensure the sealed bids from the tenderers are lodged in a secure tender box located at the address of the Managing Contractor as advised to the Principal's Representative pursuant to Clause 10;

(ii) arrange for the Principal's Representative and the Managing Contractor's Representative or their nominee to be present at and conduct the opening of the tender box; and

(iii) forthwith provide a copy of each tender to the Principal's Representative; and

(d) examine and analyse all tenders received and:

(i) not accept any tender which does not conform with the Subcontract tender documents unless otherwise approved in writing by the Principal's Representative;

(ii) where the Annexure indicates the Best Practice Principles are applicable, not accept any tender which does not include a duly executed deed poll in the form set out in Schedule 16;

(iii) accept the tender which represents the best value for Government, unless otherwise approved in writing by the Principal's Representative;

(iv) prepare and retain a detailed written record of the evaluation process undertaken, the basis upon which the successful tenderer was selected and each step in the selection process;

(v) enter into an agreement with a tenderer on the basis of the tender documentation prepared pursuant to Clause 21.2.9, with only such amendments as the Principal's Representative may have approved in writing; and

(vi) ensure all Subcontracts are consistent with the Subcontract Construction Documentation and the Contract and contain all necessary provisions required by it.

[redacted]

[redacted]

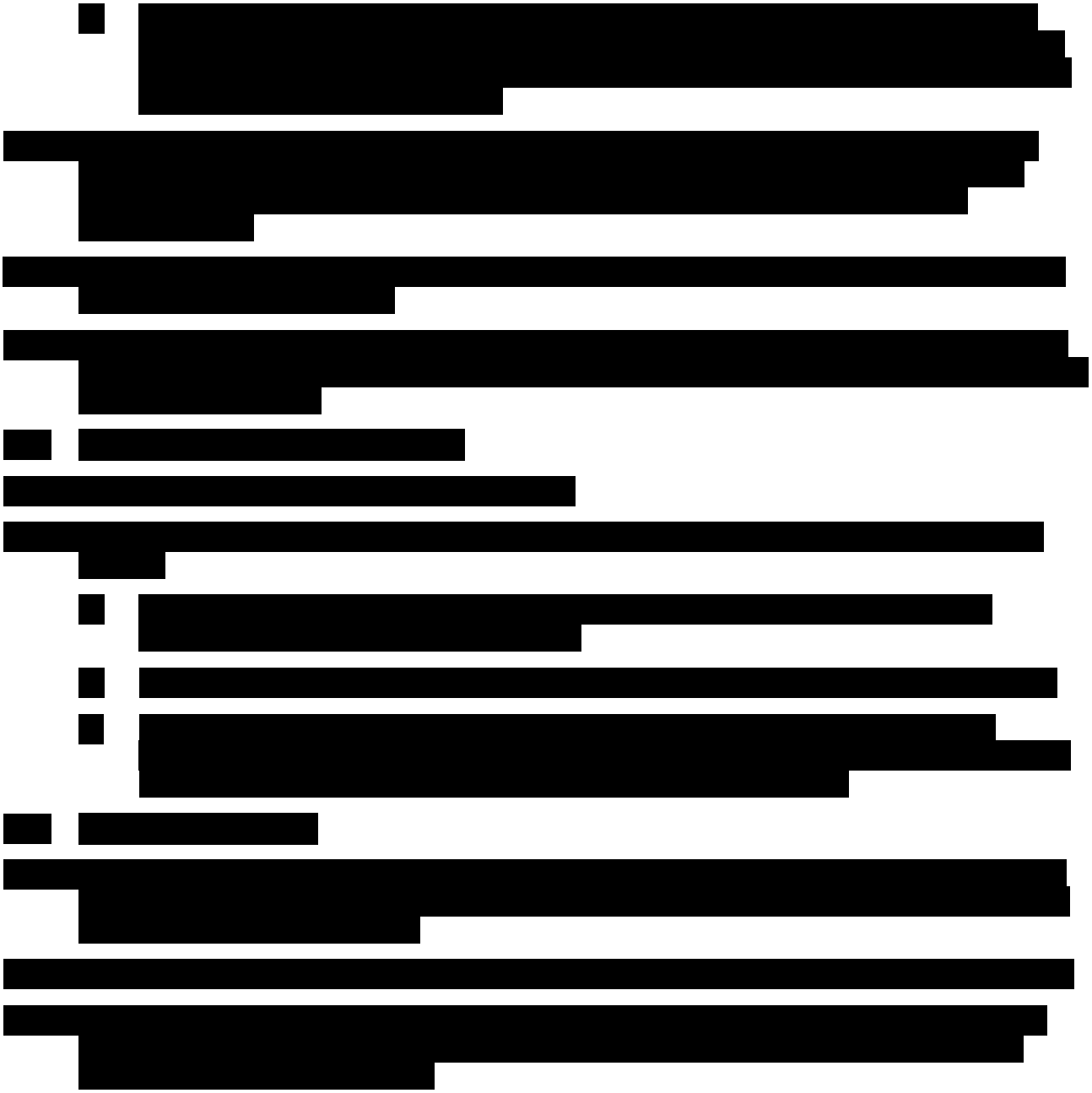
21.2.18. The Managing Contractor warrants that in procuring Subcontracts the Managing Contractor will comply with:

(a) the requirements of this Clause 21 in every respect;

(b) the requirements of AS4120-1994 'Code of Tendering'; and

(c) the requirements of the Queensland Procurement Policy, and where the Annexure indicates that the Best Practice Principles are applicable, the Best Practice Principles.

[redacted]



41.7. **Queensland Procurement Policy**

41.7.1. The Managing Contractor must, and must ensure its Subcontractors, in carrying out the work under the Contract, comply with:

(a) the principles of the Queensland Procurement Policy and any requirements under the Contract in this regard; and

(b) the Ethical Supplier Threshold.

41.7.2. The Managing Contractor acknowledges that a failure to comply with the Principal's policies that apply to the work under the Contract or the Managing Contractor's obligations under the Contract can result in the imposition of a demerit or sanction under the Ethical Supplier Mandate, in addition to any other remedies available to the Principal under this Contract.

41.7.3. If the Annexure indicates that Best Practice Principles are applicable, the Managing Contractor:

(a) acknowledges that the Principal values a commitment to the Best Practice Principles, including the provision of terms and conditions of employment, including specified pay rates, for all personnel who will perform work under the Contract, which are at least equivalent to the Best Practice Industry Conditions;

(b) must, and must ensure that its Subcontractors, comply with:

(i) the Best Practice Principles when procuring or entering into Subcontracts in relation to work under the Contract; and

(ii) any commitments made in their respective tenders for work under the Contract in relation to the Best Practice Principles and the Best Practice Industry Conditions, including the processes by which the Managing Contractor will use its best endeavours to engage Subcontractors who will provide terms and conditions of employment, including specific pay rates, for their personnel who will perform work under the Contract, which are at least equivalent to the Best Practice Industry Conditions; and

(c) acknowledges and agrees that the Managing Contractor's compliance with its obligations under this Clause 41.7 and Clause 21.2.3, and the results of any audit under Clause 21.2.21 in connection with the Best Practice Principles and the Best Practice Industry Conditions, or Clause 64.4, may be taken into account in any future tender process or similar procurement process undertaken by the Principal.

[redacted]

[redacted]

58. PAYMENT OF WORKERS AND SUBCONTRACTORS

[redacted]

58.2. **Statutory Declaration**

Prior to the making a payment claim:

(a) the Managing Contractor must deliver to the Principal a statutory declaration, in the form in Schedule 7, by a representative of the Managing Contractor who is in a position to know the facts attested to that:

(i) all Subcontractors of the Managing Contractor have been paid all that is due and payable to such Subcontractors up to the date of submission by the Managing Contractor of a progress claim in respect of the work under the Contract;

(ii) all Consultants of the Managing Contractor have been paid all that is due and payable to such Consultants up to the date of submission by the Managing Contractor of a progress claim in respect of the work under the Contract;

(iii) all the Managing Contractor's workers who at any time have been engaged on work under the Contract by the Managing Contractor have been paid, in accordance with the Managing Contractor's obligations in relation to the Best Practice Principles and the Best Practice Industry Conditions, all moneys due to them up to the date of submission by the Managing Contractor of a progress claim, in respect of their engagement on the work under the Contract;

(iv) any sub subcontractors performing work under the Contract have been approved by the Principal's Representative in accordance with Clause 21.2.23;

(v) the Site Personnel Register maintained in accordance with Clause 41.6 is current and correct;

(vi) the Managing Contractor has taken reasonable steps to ensure that all Subcontractors and any sub subcontractors performing work under the Contract are aware of the existence of the *Building Industry Fairness (Security of Payment) Act 2017* (Qld) by providing them with the information set out in Schedule 17; and

the Managing Contractor has fulfilled or complied with any commitments made in its tender for the work under the Contract relating to the local benefits test contained in the Queensland Procurement Policy, the Best Practice Principles and the Best Practice Industry Conditions, and, if requested in writing, reasonable supporting documentary evidence thereof; and

(b) if previously requested by the Principal's Representative, the Managing Contractor must deliver a statutory declaration, in the form in Schedule 7, by any Subcontractor, or where the Subcontractor is a corporation, by a representative of the Subcontractor who is in a position to know the facts attested to that:

(i) all workers who have been engaged by a Subcontractor of the Managing Contractor have been paid in accordance with the Subcontractor's obligations in relation to the Best Practice Principles and the Best Practice Industry Conditions, all moneys due and payable to them up to the date of submission by the Managing Contractor of a progress claim in respect of their engagement on the work under the Contract;

(ii) all subcontractors of the Subcontractor have been paid all that is due and payable to such subcontractors up to the date of submission by the Managing Contractor of a progress claim in respect of the work under the Contract; and

(iii) the Subcontractor has fulfilled or complied with any commitments made in its tender for the Subcontract works relating to the local benefits test contained in the Queensland Procurement Policy, the Best Practice Principles and the Best Practice Industry Conditions;

and, if requested in writing, reasonable supporting documentary evidence thereof.

[redacted]

64. RECORDS AND ACCESS TO RECORDS

64.1 The Managing Contractor shall make and keep and shall ensure that every Subcontractor makes and keeps accurate and complete records of:

(a) its tender, including without limitation the preparation and submission of that tender;

(b) tenders received by it, whether accepted or not;

(c) the execution and completion of the work under the Contract or of the work under the Subcontract; and

(d) compliance with commitments made in its tender relating to the local benefits test contained in the Queensland Procurement Policy or, where the Annexure indicates Best Practice Principles are applicable, the Best Practice Principles and the Best Practice Industry Conditions.

64.2 The records referred to in Clause 64.1 shall include records that are required to be created or provided, or that are otherwise referred to, under the Contract or under the Subcontract, as well as other records including but not limited to those that:

(a) relate to the Managing Contractor's or a Subcontractor's tender, including tender preparation, submission, negotiation, evaluation, estimates and calculations;

(b) relate to design, including design calculations, option studies, opinions, reviews and reports;

(c) relate to the execution and completion of the work under the Contract or the Subcontract, including without limitation labour, subcontracts, subcontractors, consultants, materials, equipment, resourcing, planning, progress, delay, inspection, examination, testing, compliance, approval, safety, risk, variations, claims, payment, cost and cost to complete;

(d) are required to demonstrate compliance with commitments made in the Managing Contractor's or a Subcontractor's tender relating to government policies, including the local benefits test contained in the Queensland Procurement Policy or, where the Annexure indicates Best Practice Principles are applicable, the Best Practice Principles and the Best Practice Industry Conditions, and includes payroll records, management records and time recordings; and

(e) are in any format or stored on any medium, including without limitation photographs, electronic files, telecommunications or social media.

[redacted]

TS-5

Southern Queensland Correctional Precinct – Stage 2

Managing Contractor Tender Documents

Project Number: 87010

March 2020

Design & Construction Management

Stage One with Option for Stage Two

(Negotiated Guaranteed Construction Sum)

Volume 3 of 4 – Conditions of Contract - Schedules

Volume 3 of 4

Queensland Government

Managing Contractor – Design and Construction Management – Stage One with option for Stage Two

(Negotiated Guaranteed Construction Sum)

Volume 3 of 4 – Conditions of Contract – Schedules

Project name Southern Queensland Correctional Precinct – Stage 2

Project number 87010

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SCHEDULE 16 – Subcontractor Deed Poll

Clause 21.2

FORM OF DEED POLL

THIS DEED POLL is made at …… on the …… day of …… 20……

BY ……..…… (ABN ……..)
of …… ("the Subcontractor").

IN FAVOUR OF: The State of Queensland through …….
……..
(hereinafter with its successors in office called "the Principal").

RECITALS

A. The Principal has entered into an agreement with …… ("the Managing Contractor") for the provision of design services, subcontract construction documentation management services and construction management services in relation to the …… ("the Project").

B. The Subcontractor proposes to enter into an agreement ("the Subcontract") with the Managing Contractor or a subcontractor of the Managing Contractor for the execution and completion and/or supply of the ……... ("the Subcontract Works") for the Project.

C. It is a condition of the Subcontract that the Subcontractor executes this Deed Poll.

This deed poll provides as follows:

1. The Subcontractor warrants that:
   a. it will make and keep accurate records of:
      i. its tender, including without limitation the preparation and submission of that tender;
      ii. the execution and completion of the work under the Subcontract and of
      iii. compliance with the obligations incorporated in the Subcontract, relating to the best practice principles contained in the Best Practice Principles (as defined in the Subcontract) or the local benefits test contained in the Queensland Government's Queensland Procurement Policy (as defined in the Subcontract) and the Best Practice Industry Conditions,
   b. The records referred to in clause 1.a. above shall include records that are required to be created or provided, or that are otherwise referred to, under the Subcontract, as well as other records including but not limited to those that:
      i. relate to the Subcontractor's tender, including tender preparation, submission, negotiation, evaluation, estimates and calculations;
      ii. relate to design, including design calculations, option studies, opinions, reviews and reports;
      iii. relate to the execution and completion of the work under the Subcontract, including without limitation labour, subcontracts, subcontractors, consultants, materials, equipment, resourcing, planning, progress, delay, inspection, examination, testing, compliance, approval, safety, risk, variations, claims, payment, cost and cost to complete;
      iv. are required to demonstrate compliance with Subcontractor's obligations under the Subcontract and any commitments made in its tender relating to the best practice principles contained in the Best Practice Principles (as defined in the Subcontract) and the Best Practice Industry Conditions, or the local benefits test contained in the Queensland Government's Queensland Procurement Policy (as defined in the Subcontract); and

v. are in a format or stored on any medium, including without limitation photographs, electronic files, telecommunications or social media,

c. subject to the Subcontractor's right to claim legal professional privilege in respect of any record, which is hereby maintained, permit the Principal or its agents to inspect and to copy at any time any records referred to in clause 1.a. or 1.b., provide electronic copies of such records in native format and provide any access to the Subcontractor's sites, premises or facilities necessary for an inspection referred to in this paragraph.

d. without limiting the previous paragraphs, the Subcontractor shall permit the Principal or its agents to undertake an audit of the records referred to in clause 1.a. or 1.b. for the purposes of verifying the Subcontractor's compliance with any commitments made in its tender relating to the local benefits test contained in the Queensland Procurement Policy or (where applicable) the Best Practice Principles and the Best Practice Industry Conditions.

2. The Subcontractor consents to the Principal disclosing or providing copies of any records which the Principal or its agents inspects or copies in accordance with clause 1 of this Deed Poll to the Managing Contractor.

3. This Deed Poll is governed by and construed in accordance with the laws of Queensland.

4. The Subcontractor hereby submits to the non-exclusive jurisdiction of the courts of Queensland and any courts that may hear appeals from any of those courts, for any proceedings in connection with this Deed Poll, and waives any right it might have to claim that those courts are an inconvenient forum.

5. This Deed Poll may not be revoked or otherwise modified without the prior written consent of the Principal.

EXECUTED as a DEED POLL

on the ……day of …… 20…… by

.....	.....
Name of Company – Subcontractor	*ACN*

in accordance with s.127 of the *Corporations Act 2001*

.....	.....
Name of Director	*Signature of Director*
.....	.....
Name of Director / Secretary	*Signature of Director / Secretary*

OR

.....	.....
Name of Person – Subcontractor	*Signature of Person – Subcontractor*

In the presence of:

.....	.....
Name of Witness	*Signature of Witness*

SCHEDULE 18 – Best Practice Industry Conditions

See the following attachment to Schedule 18 titled “Best Practice Industry Conditions”.

BEST PRACTICE INDUSTRY CONDITIONS

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1. TITLE

1.1 This Document is known as the Best Practice Industry Conditions.

2. DATE OF OPERATION

2.1 The Agreement will commence operation in [insert date] till [insert date].

3. APPLICATION OF DOCUMENT

3.1 Subject to clause 3.2 below, the Agreement covers:

(a) the Employer;

(b) the Construction, Forestry, Maritime, Mining and Energy Union (CFMEU);

(c) Communications, Electrical, Electronic, Energy, Information, Postal, Plumbing and Allied Services Union of Australia (Queensland and Northern Territory Electrical Divisional Branch (ETU) and Queensland and Northern Territory Plumbing Divisional Branch) (CEPU);

(d) Australian Manufacturing Workers' Union Queensland and Northern Territory Divisional Branch (AMWU); and

(e) Employees,

collectively known as the Parties.

This Agreement only applies to work done in Queensland and to work temporarily done outside Queensland by Employees who are based in Queensland.

3.2 Associated Entity

(a) In accordance with Division 2 of Part 2-8 of the *Fair Work Act*, where an Employee transfers to an Associated Entity of the Employer and performs the same work or substantially the same work for the Associated Entity of the Employer, the Agreement will continue to cover the Employee.

(b) For clarity, this clause does not apply to a circumstance where an Employee commences employment with the associated entity more than three-months after the Employee ceases working for the Employer.

4. PARTIES BOUND AND COVERED

4.1 This Agreement is legally binding upon and covers the Employer, its Employees, the CFMEU, CEPU and the AMWU in respect of building and construction work undertaken by the Employees.

5. RELATIONSHIP TO AWARDS, DOCUMENTS, AND OTHER DOCUMENTS

5.1 The following instruments are incorporated into this Agreement:

(a) Building and Construction General On-Site Award 2010, as amended from time to time;

(b) Mobile Crane Hiring Award 2010, as amended from time to time;

(c) Electrical, Electronic and Communications Contracting Award 2010, as amended from time to time;

(d) Plumbing and Fire Sprinklers Award 2010, as amended from time to time; and

(e) QIRC Order (No. B585 of 2003) Apprentices' and Trainees' Wages and Conditions (excluding certain Queensland Government entities) 2003 as it was immediately prior to its rescission.

5.2 The Agreement is intended to be read in conjunction with the instruments listed in clause 5.1 above. Where there is conflict between a term of this Agreement and a term of the above instruments, or a conflict between two terms of this Agreement, the higher wage outcome or other outcome more favourable to the Employee will apply.

Note: For clarity, and to avoid all doubt, the Appendices form part of this Agreement

6. DEFINITIONS

6.1 The following definitions shall apply to this Agreement:

Apprentice or **Trainee** means an apprentice or trainee within the meaning of the *Vocational Education, Training and Employment Act 2000* (**VETE Act**). **Apprenticeship** and Traineeship have a corresponding meaning;

Australian Super means the Trustee for Australian Super (ABN 90 709 422 146);

Awards mean the Building and Construction General On-site Award 2010, Electrical, Electronic and Communications Contracting Award 2010, Mobile Crane Hiring Award 2010 and the Plumbing and Fire Sprinklers Award 2010, each as amended from time to time.

BERT is an acronym used for the Building Employee Redundancy Trust (ACN 82 010 917 281) (BERT Fund) as described in the Trust Deed creating the BERT Fund;

BEWT is an acronym for the Building Employees Welfare Trust. The "BEWT Fund" means the fund established pursuant to a deed between B.E.R.T Pty Limited and James Kristen Peterson. "Trustee of the BEWT Fund" means B.E.R.T Pty Limited or any trustee appointed under the BERT Redundancy Trust Deed;

BUSS(Q) is an acronym for the Building Unions Superannuation Scheme (Queensland) Pty Ltd (ABN 85 571 332 201);

Continuous Shiftworker means, for the purpose of the additional week of annual leave provided by the National Employment Standards (NES) means an Employee engaged to work in a system of consecutive shifts throughout the 24 hours of each of at least six consecutive days without interruption (except during breakdown or meal breaks or due to unavoidable causes beyond the control of the Employer) and who is regularly rostered to work those shifts;

CBUS is an acronym for the Construction & Building Industry Superannuation Pty Ltd

(ABN 75 493 363 262);

CIPQ means Construction Income Protection Queensland Ltd (ACN 110 841 962);

CIRT means the Contracting Industry Redundancy Trust (ABN 49 011 050 329);

Code means the Code for Tendering and Performance of Building Work 2016;

Construction Worker means an Employee engaged to perform work in one of the classifications set out in APPENDIX ONE, SECTION ONE of this Agreement;

Double time and a half mean one and a half days wages in addition to the Employee's ordinary time rate of pay or pro rata if there is more or less than a day;

Electrical Worker means an Employee engaged to perform work in one of the classifications set out in APPENDIX ONE, SECTION THREE of this Agreement;

Employee means an employee of the Employer engaged as a Construction Worker, Electrical Worker, Metal and Engineering Worker or Plumbing, Mechanical Plumbing, Sprinkler Fitting and Pipe Trades Worker;

Energy Super means Energy Super (ABN 33 761 363 685);

FW Act/Fair Work Act means the *Fair Work Act 2009* (Cth);

FWC means the Fair Work Commission;

Income Insurance means CIPQ, Energy Super and Wageguard Income Insurance;

Injury shall have the same definition as the *Workers' Compensation and Rehabilitation Act 2003* (Qld);

JetCo means Joint Electrical Training Company;

Kept waiting for wages on pay day means all such time spent waiting, wherever the waiting is done;

Metal and Engineering Worker means an Employee engaged to perform work in one of the classifications set out in APPENDIX ONE, SECTION FOUR of this Agreement**;**

Overtime means any time worked in excess of, or outside of the ordinary working hours;

PCBU: means a person conducting a business or undertaking, as defined in the *Work Health and Safety Act*;

Permanent Employees: means all Employees (being daily hire and weekly hire Employees) other than casual Employees;

Plumbing, Mechanical Plumbing, Sprinkler Fitting and Pipe Trades Worker means an Employee engaged to perform work in one of the classifications contained in APPENDIX ONE, SECTION TWO of this Agreement.

PROTECT means Protect Severance Fund (ABN 98 395 548 596).

QIRC means Queensland Industrial Relations Commission;

Redundancy means a situation where an Employee ceases to be employed by the Employer, other than for reasons of serious and wilful misconduct. **Redundant** has a corresponding meaning;

Redundancy Trust Fund means BERT, CIRT and Protect;

Special Class Dogman means a dogman having no less than 12 months on the job experience in dogging tower crane and, having obtained a 'Verification of Competency' (**VOC**) for the particular tower crane;

Special Class Tradesperson means a tradesperson who is engaged on work which requires the use of complex, high quality trade skills and experience which are not generally exercised in normal construction work. For the purpose of this definition, complex and high-quality trade skills and experience will be deemed to be acquired by the tradesperson:

(a) Having had not less than 12 months' on-the-job experience of such skilled work; and

(b) Having, by satisfactory completion of a prescribed post-trade course or other approved course, or the achievement of knowledge and competency by other means including the on-the-job experience, as will enable the tradesperson to perform such

work unsupervised where necessary and practical, to the required standard of expertise/skill;

Superannuation means BUSS(Q), CBUS, Australian Super and Energy Super;

Training Fund means BEWT and JetCo;

Union Delegate means an Employee elected by Union members and endorsed by the Union to represent the interests of Union members employed by the Employer as required. All parties to this Agreement shall be notified as soon as practicable after the election of a Union Delegate.

Union means the CFMEU, the CEPU and/or the AMWU, as applicable;

WAGEGUARD means income protection insurance issued by Hannover Life Re of Australasia Ltd (ABN 37 062 395 484) or Construction Income Protection Queensland Ltd (ACN 110 841 962);

WHS Act means the *Work Health and Safety Act 2011* (Qld);

WHS EPH means Work Health and Safety Entry Permit Holders under the WHS Act;

Workplace Impairment Policy and Procedures means the Workplace Impairment Policy and Procedures found in APPENDIX FOUR.

7. DISPUTE SETTLEMENT PROCEDURE

7.1 A major objective of this Agreement is to eliminate lost time and/or production arising out of disputes or grievances. Disputes over any work related or industrial matter or, any matters arising out of the operation of the Agreement or incidental to the operation of the Agreement, should be dealt with as close to its source as possible. Disputes over matters arising from this Agreement (or any other dispute related to the employment relationship or the National Employment Standards (NES), including subsections 65(5) or 76(4) of the *Fair Work Act*) shall be dealt with according to the following procedure.

7.2 The pre-dispute status quo shall prevail while the matter is being dealt with in accordance with this procedure.

7.3 All Employees have the right to appoint a representative in relation to a dispute. It is the express priority of all Parties to attempt to settle a dispute at the workplace level at first instance.

7.4 In the event of any work-related grievance arising between the Employer and an Employee or Employees, the matter shall -be dealt with in the following manner:

(a) The matter shall be first submitted by the Employee/s or his/her job delegate/ employee representative or other representative, to the site foreperson/supervisor or the other appropriate site representative of the Employer and if not settled, to a more senior representative of the Employer.

(b) Alternatively, the Employer may submit an issue to the Employee/s who may seek the assistance and involvement of the job delegate/employee representative or other representative.

(c) If still not resolved, there may be discussions between the relevant Union official (if requested by the employee/s), or other representatives of the employee, and senior representative of the Employer.

(d) Should the matter remain unresolved, either of the parties or their representative shall refer the dispute at first instance to FWC for review. FWC may exercise conciliation and/or arbitration powers in such review.

7.5 This procedure shall be followed in good faith without unreasonable delay.

7.6 If any party fails or refuses to follow any step of this procedure the non-breaching party will not be obligated to continue through the remaining steps of the procedure and may immediately seek relief by application to FWC.

7.7 Any resolution of a dispute under this clause by the FWC will not be inconsistent with legislative obligations or any other applicable Codes or Regulations, including the Code.

8. CONSULTATION

8.1 Effective consultation is essential for continuous workplace reform and such consultation can take place at any time during the life of the Agreement.

8.2 A Consultative Committee will be set up for this purpose.

8.3 Consultation about major workplace change

If the Employer has made a decision to introduce a major workplace change that is likely to have a Significant Effect on Employees, the Employer must notify the Employee(s) who will be affected by the decision.

8.4 As soon as practicable and prior to implementation, the Employer must discuss with the relevant Employees and/or their nominated representative/s (e.g. Union or other representative) the introduction of the change; and the effect the change is likely to have on the employees. The Employer must discuss measures to avert or mitigate the adverse effect of the change on the Employees.

8.5 For the purposes of the discussion the Employer will provide the relevant Employees and/or their nominated representative/s in writing:

(a) All relevant information about the change including the nature of the change proposed;

(b) Information about the expected effects of the change on the Employees; and

(c) Any other matters likely to affect the Employees.

8.6 However, the Employer is not required to disclose confidential or commercially sensitive information.

8.7 The Employer must give prompt and genuine consideration to matters raised about the major change by the relevant Employees.

8.8 "Significant Effects" under this clause 8 includes but is not limited to termination of employment (including redundancy), major changes in the composition, operation or size of the Employer's workforce or in the skills required, the elimination or diminution of job opportunities, promotion opportunities or job tenure; the alteration of hours of work; the need for retraining or transfer of Employees to other work areas or locations and the restructuring of jobs.

8.9 Consultation about changes to rosters or hours of work.

Where the Employer proposes to change an Employee's regular roster or ordinary hours of work, the Employer must consult with the Employee(s) affected and, if required their representative, about the proposed change.

8.10 As soon as practicable after proposing to introduce the change, the Employer must:

(a) discuss with the relevant Employees the introduction of the change;

(b) for the purposes of the discussion, provide to the relevant Employees and their representative details of the following in writing:

(i) all relevant information about the change, including the nature of the change; and

(ii) information about what the Employer reasonably believes will be the effects of the change on the Employees; and

(iii) information about any other matters that the Employer reasonably believes are likely to affect the Employees;

(c) invite the Employee(s) affected and any applicable representatives, to give their views about the impact of the proposed change (including any impact in relation to their family or caring responsibilities), and give consideration to any views about the impact of the proposed change that are given by the Employee(s) concerned and/or their representative(s).

(d) These provisions are to be read in conjunction with other Documents or Award provisions concerning the scheduling of work and notice requirements.

8.11 For clarity, relevant Employees may appoint a representative of their choosing for the procedures in this term.

9. FIRST NATIONS PEOPLE

The Employer recognises there is a significant Aboriginal and Torres Strait Islander (ATSI) population within Queensland and is committed to ensuring a significant representation of people who identify themselves as ATSI are employed on its projects.

The Employer will ensure that all Employees receive cultural awareness training as part of the site induction process to ensure that all workers are made aware of the history and spiritual connection that Traditional Owners have with the area where the project is being constructed.

A 'Welcome to Country' ceremony will be arranged with the Traditional Owners when the number of workers undertaking work on the Project reach 50, as part of the Employers commitment to the principles of social, restorative justice and cultural affirmation.

The Employer will also implement policies that ensure:

(a) access to annual leave for participation in cultural and ceremonial activities;

(b) skill and career development opportunities for ATSI Employees;

(c) the development of retention and promotion for ATSI Employees on its projects.

10. PROCEDURE FOR DEALING WITH SAFETY ISSUES OR INCIDENTS

10.1 The Employer, the Employees and the Union agree that for the purposes of s.81 of the WHS Act matters about work health and safety arising at the workplace shall be resolved in accordance with this procedure.

10.2 The Parties agree that for the purposes of this procedure and s. 81(3) of the WHS Act the following persons shall be the representatives of the following parties:

(a) the Principal Contractor (as defined under the WHS Act) - Site Manager or any other person nominated by the Principal Contractor;

(b) the Employer the Site Manager or any other person nominated by the Employer(s); and

(c) The Employees' person nominated by the Employee (e.g. Union or other representative).

(collectively referred to as "**Nominated Parties**")

10.3 The Nominated Parties agree that representatives shall be entitled to:

(a) inspect any work system, plant, substance, structure or other thing relevant to resolving the issue;

(b) consult with relevant Employees in relation to resolving the issue;

(c) consult with the relevant PCBU (as defined in the WHS Act) about resolving the issue;

(d) inspect and take copies of any document that is directly relevant to resolving the issue; and

(e) advise any person whom the representative reasonably believes to be exposed to a serious risk to his or her health and safety, emanating from an immediate and imminent exposure to a hazard of that risk.

10.4 The Nominated Parties and/or their representatives may commence the procedure by informing, either by themselves or their representative, the other Parties and/or representatives that:

(a) there is an issue to be resolved; and

(b) the nature and scope of the issue.

10.5 As soon as the Parties and/or their representatives are informed of the issue, the Nominated Parties and/or their representatives must meet or communicate with each other to attempt to resolve the issue.

10.6 The Nominated Parties and/or their representatives must have regard to all relevant matters including:

(a) the degree and imminent risk to the Employees or other persons affected by the issue;

(b) the number and location of Employees and other persons affected by the issue;

(c) the measures both temporary and permanent that must be implemented to resolve the issue;

(d) who will be responsible for implementing the resolution measures;

(e) whether the hazard or risk can be isolated; and

(f) the time that may elapse before the hazard or risk is permanently corrected.

10.7 Once the issue is resolved, details of the issue and its resolution must be set out in writing with all Parties and/or their representatives to be satisfied that the Document reflects the resolution of the issue with a copy given to all Nominated Parties and/or their representatives to the issue. The issue, once resolved, shall be recorded in the next safety committee meeting minutes with the agreed resolution.

10.8 The Nominated Parties and/or their representatives must make reasonable efforts to achieve a timely and final resolution of the issue. If within a reasonable time there is still no resolution, any of the Nominated Parties attempting to resolve the issue may then ask Work Health and Safety Queensland, and/or the Queensland Building and Construction Commission, where applicable, to arrange for an inspector to attend the workplace to assist in resolving the issue.

10.9 Direction to cease work:

If -

(a) an issue concerning health or safety arises at a workplace or from the conduct of the undertaking of the Employer;

(b) the issue concerns work which involves an immediate threat to the health or safety of any person; and

(c) given the nature of the threat and degree of risk, it is not appropriate to adopt the processes set out in clause 10.7 above;

The Employer and/or the health and safety representative (HSR) for the designated work group in relation to which the issue has arisen, may after consultation between them, direct that the work is to cease.

10.10 During any period for which work has ceased in accordance with such a direction, the Employer may assign any Employees whose work is affected to suitable and safe alternative work.

11. HEALTH AND SAFETY REPRESENTATIVES

11.1 The Employer and its Employees will comply with Part 5 of the WHS Act – Consultation, representation and participation in relation to the establishment of a health and safety committee.

11.2 The health and safety representative/s (HSR) shall be elected by the Employees on the job on a democratic basis and shall be subject to recall by a similar process.

11.3 Parties covered by this Agreement recognise the important role of Health and Safety representatives. The HSRs have a key role in the early intervention in health and safety issues under this Agreement.

11.4 The HSRs shall be allowed to consult with the principal contractor, or persons acting on his/her behalf, on matters directly concerned with the safety of workers, and promote the safe conduct of wo0rk generally in accordance with the WHS Act.

12. HEALTH AND SAFETY REPRESENTATIVE MEETINGS

12.1 A health and safety representative will be allowed reasonable paid time during working hours to attend to occupational health and safety matters affecting employees he/she represents providing that the Representative informs their manager.

13. HOT WEATHER GUIDELINES (For South East Queensland)

13.1 Under this Document when air temperature reaches

(a) 35°C or

(b) 28°C and 75% humidity or more, after three hours from the commencement of the shift in South East Queensland only;

it shall constitute inclement weather (**Extreme Hot Weather**).

This clause 13 must be incorporated in the Employer's Occupational Health and Safety Procedures for all applicable projects.

13.2 Before finishing work, Employees should be alerted to possible Extreme Hot Weather forecasted for the following day by the PCBU, site manager, and WHS Representatives. This will allow preparation for works to be modified to reduce this category of heat exposure in accordance with clause 13.3. For forecasting, planning and guidance the Bureau of Meteorology (BOM) shall be used for weather observations. BOM weather stations used for weather observations shall be the closest to the Project and/or with similar weather conditions.

13.3 When Extreme Hot Weather is forecasted for the following day, the Employer's Site Manager, WHS Committee and WHS Representatives will consult and determine what actions are to be

taken to reduce exposure and modify the workload prior to the Extreme Hot Weather, which may include:

(a) rescheduling work so the hot tasks are performed during the cooler part of the day;

(b) where possible, reducing the time spent doing hot tasks (for example, by job rotation);

(c) where possible, arranging for more workers to do the job;

(d) providing extra rest breaks in a cool area;

(e) providing cool drinking water and ice (machines) near the work site;

(f) increasing air movement by fans or coolers;

(g) installing shade cloth to reduce radiant heat from the sun; and

(h) consideration should be given to working an eight-hour day.

13.4 Once the temperature reaches Extreme Hot Weather the following process will be followed:

(a) Where the temperature reaches 35°C there will be an orderly cessation of work and preparations for safe completions of critical tasks currently under way and/or applicable modifications to the workload as described in clause 13.5;

(b) where the temperature is 28°C and 75% humidity or more after three hours from the commencement of a shift there will be an orderly cessation of work and preparations for safe completions of critical tasks currently under way and/or applicable modifications to the workload as described in clause 13.5.

13.5 If there are areas of the workplace that are below any Extreme Hot Weather, work shall continue as normal in those areas, Employees unable to work elsewhere may be transferred to these areas if work is available. Employees may walk a reasonable distance through the open to and from amenities, provided it does not pose an imminent risk to their health or safety. The primary objective is to ensure that there is no reasonable concern for an Employee undertaking the work of an imminent risk to their health or safety,

13.6 Extreme Hot Weather shall be measured on site by a temperature gauge and/or BOM weather station (if close proximity to the Project with similar climatic conditions) compliant to Australian Standards and shall be undertaken in accordance with the manufacturer's operating instructions. The Parties agree that a measurement taken using the Wet Bulb Globe Temperature index will be an acceptable method of measuring extreme high temperature.

14. TOOLBOX MEETINGS

14.1 At least one toolbox meeting will be convened by the Employer per site, each month to facilitate and foster communication and consultation. Items to be discussed at each meeting may include; programming of site work, site issues, work health and safety, job design, productivity issues, management policies, Document compliance, wages and conditions, compliance with statutory obligations and any other relevant issue raised. Notice of the meeting will be given at least one (1) week prior to the scheduled date.

15. CONTRACT OF EMPLOYMENT

15.1 At the point of engagement of each Employee, the Employer must inform the person in writing whether the engagement is on a permanent or casual basis, stating by whom the Employee is employed, the job performed, the classification level, and the relevant rate of pay. Each new Employee shall upon commencement also be provided with a copy of this Agreement, or alternatively, access to the Agreement in electronic format at the discretion of the Employee.

15.2 The Employer may direct an Employee to carry out such duties as are reasonably within the limits of the Employee's skill, competence and training consistent with the Employee's classification provided that such duties do not promote de-skilling.

15.3 If an Employee is absent from work for a period for which they have or will claim workers' compensation, the Employee's contract of employment shall remain intact during the period of absence. The Employer shall continue to make contributions (and where applicable, reports of service) on behalf of the Employee to CBUS/BUSS(Q)/ Energy Super, Australian Super, BERT/CIRT, BEWT/JetCo, STQ, CIPQ/, Protect, Wageguard, Energy Super Income Insurance and Qleave or NTBuild or other funds nominated herein. The Employee shall also continue to accrue all appropriate leave entitlements for the first 12-months of the Employee's absence due to the workers compensation claim.

16. CASUAL EMPLOYMENT

16.1 A casual Employee is an Employee employed on an occasional basis and whose work pattern is not regular and systematic. When a person is engaged for a casual employment the Employee will be informed in writing that the Employee is to be employed as a casual, the job to be performed, the classification level, the actual or likely length of engagement including number of hours to be worked per week, and the relevant rate of pay.

16.2 A casual Employee shall be entitled to all of the applicable rates and conditions of employment prescribed by this Agreement except notice of termination (other than in accordance with clause 16.7, annual leave, paid community services leave, paid personal (including carer's) leave, and payment for public holidays on which no work is performed. A casual Employee is entitled to unpaid compassionate leave and carer's leave and other unpaid leave in accordance with the NES.

16.3 Except on Saturdays and Sundays, on each occasion a casual Employee is required to attend work, the Employee shall be entitled to payment for a minimum of eight (8) hours work (with 0.8 of an hour on each of these days accruing toward an RDO) plus the relevant fares and travel allowance prescribed by APPENDIX ONE below. On Saturdays and Sundays, a casual Employee is entitled to payment for a minimum of four (4) hours, plus the relevant fares and travel allowance prescribed by clause APPENDIX ONE, as applicable.

16.4 A casual Employee for working ordinary time shall be paid 125% of the hourly rate prescribed in the APPENDIX ONE for the Employee's classification.

16.5 A casual Employee required to work Overtime or weekend work shall be entitled to the relevant penalty rates prescribed in this Document:

(a) where the relevant penalty rate is time and a half, the Employee shall be paid 175% of the hourly rate prescribed by APPENDIX ONE for the Employee's classification;

(b) where the relevant penalty rate is double time, the Employee shall be paid 225% of the hourly rate prescribed by APPENDIX ONE for the Employee's classification; and

(c) where the relevant penalty is a public holiday, the Employee shall be paid 275% of the hourly rate prescribed by APPENDIX ONE for the Employee's classification.

16.6 For the purposes of clarity, the applicable contributions to CBUS/BUSS(Q)/Australian Super/Energy Super, BERT/CIRT/Protect, CIPQ/Energy Super Income Insurance/Wageguard, STQ and BEWT/JetCo or other funds nominated herein, must be made by the Employer in respect of casual Employees. A casual Employee shall also be entitled to receive in addition to their casual rate, penalty payments for Overtime, work performed on weekends, work performed on public holidays and RDOs.

16.7 Termination of all casual engagements shall require one hour's notice by either the Employer or Employee, or the payment or forfeiture of one hour's pay, as the case may be. This clause will not reduce the entitlements of injured Employees.

16.8 Casual Conversion

A casual Employee, who has been engaged by the Employer on a regular and systematic basis for a period in excess of six-weeks, thereafter has the right to request in writing to have their contract of employment converted to permanent employment if the employment is to continue beyond the conversion process. The decision as to whether a regularly and systematically engaged casual employee is made permanent is a decision of the Employer.

16.9 A casual Employee, who has requested in writing to be converted to permanent employment pursuant to clause 08 whose request is refused by the Employer, is entitled to be paid 175% of the hourly rate prescribed in this Agreement for the Employee's classification.

17. APPRENTICES/TRAINEES

17.1 Apprentices/Trainees shall be entitled to all the applicable rates and conditions of employment prescribed by this Agreement.

17.2 For clarification, in addition to the rates in APPENDIX ONE, Trainees are entitled to receive full Daily Travel, BERT/ CIRT/PROTECT, BEWT/JetCo, STQ, CIPQ/WAGEGUARD, Superannuation and any other entitlements in accordance with this Agreement. Such entitlements shall not be paid at rates applicable to Apprentices.

17.3 Training arrangements for Apprentices/Trainees shall be as provided in QIRC Order (No. B585 of 2003) Apprentices' and Trainees' Wages and Conditions (Excluding Certain Queensland Government Entities) 2003 as it was immediately prior to this rescission.

17.4 Apprentices/Trainees shall be entitled to be paid the daily fares and travel allowance whilst attending training.

17.5 The Employer shall be responsible for meeting all costs associated with Apprenticeship/Traineeship training, including any student registration, tuition fee or other course costs.

17.6 During the first year of an Apprenticeship, tools to the minimum retail value of $600.00 shall be supplied by the Employer within a period of three months after the expiry of the probationary period or within a period of six months from the date of commencement of the employment, whichever first occurs.

17.7 During the second and subsequent years (or part of a year) of apprenticeship tools to the retail value of $600.00 shall be supplied by the Employer within a period of three months from the commencement date of each such year (or part of a year) of the indentured Apprenticeship.

17.8 Where an Apprentice has entered a Competency Based Training Document, the provision of tools will be on the following basis:

(a) During the term of Apprenticeship, an Employer shall, in respect of each level of the Apprenticeship program, supply the Apprentice with tools of trade, to a minimum retail value of $600.00;

(b) The supply of tools of trade for each level of the program shall be linked to the successful achievement of competencies or where appropriate, the demonstration of approved levels of progression towards the achievement of competencies as prescribed by the relevant National Training Package or in the relevant Award;

(c) Supply of tools will occur no later than three (3) months after the expiry of the probationary period or within a period of six (6) months from the date of commencement of the employment, whichever first occurs, and no later than three (3) months into subsequent levels of the Apprenticeship; and

(d) Apprentices employed under part-time or school based arrangements shall be entitled to a supply of tools consistent with the requirements as outlined in clause 17.6 and clause 17.7 above.

17.9 Apprentice Training

The Employer recognises that in order to increase the efficiency and productivity of the Employer, a significant commitment to structured training and skill development is required. They also recognise the importance of the apprenticeship system to the construction industry. Therefore, the Parties agree:

(a) If the Employer employs seven (7) or more tradespeople, in any one classification it undertakes to employ an apprentice(s) or make arrangements to host an apprentice from an agreed scheme.

(b) The Employer is committed to ensuring that apprentices receive appropriate on the job training by experienced tradespeople and apprentice numbers are maximised, to this end the Employer will endeavor to maintain at least one apprentice to every seven (7) tradespeople.

(c) If the Employer does not currently have an apprentice as provided for in paragraph (a), reasonable time shall be allowed to enable the Employer to comply with this clause. Further, the Parties are committed to a strong ratio of apprentices in the industry.

18. TRAINING AND RELATED MATTERS

18.1 The parties are committed to the promotion of a highly skilled industry that delivers ongoing employment opportunities and a world-class end product through an efficient and safe construction process. To this end, the Employer agrees that appropriate training, including the engagement and training of apprentices, and skills development for the workforce will be provided during the term of this Document.

18.2 The Employer agrees that it will, within seven days of receiving a written request from an Employee, provide:

(a) evidence to demonstrate the positive commitment to training and skill development; and

(b) the information as to the number of apprentices and visa holders engaged by the Employer;

each of which it is required to provide to the funding entity of Commonwealth funded building work in accordance with section 24(2) of the Code.

18.3 Nothing in this subclause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988* (Cth) or the FW Act.

18.4 Where possible training and skill development is to be carried out in normal working hours. It is agreed that no Employees will suffer loss of pay as a result of participating in training required by the Employer.

18.5 Any Employees elected as a workplace HSR will undertake a training course approved by the State provided by the Employer within six weeks of being elected, at no cost to the Employee.

18.6 The Employer will implement a policy where all Employees will have their current skills assessed against those required in the nationally recognised formal training package relevant to their work. Where any skill deficiencies are identified through the assessment process, the necessary training will be provided to attain the relevant nationally recognised formal qualification.

18.7 The Employer agrees that it will, within three months of the commencement of this Agreement, schedule training in the nationally accredited asbestos awareness training course mentioned in 18.10 below, for each employee covered by this Agreement.

18.8 Further, the Employer agrees that it will within three months of each new Employee commencing employment, ensure that the Employee successfully completes the nationally accredited asbestos awareness training course mentioned in clause 18.10 below.

18.9 The Employer will bear all costs associated with the provision of the training, including costs and material costs and the provision of the Employee's wages for the period of the training.

18.10 The course referred to in clause 18.8 above will be 10279NAT Identification and Awareness of Asbestos Containing Materials.

18.11 The Employer agrees that it will, within seven-days of receiving a written request from an Employee, provide:

(a) evidence to demonstrate the positive commitment to training and skill development; and

(b) the information as to the number of apprentices and visa holders engaged by the Employer;

each of which it is required to provide to the funding entity of Commonwealth funded building work in accordance with section 24(2) of the Code.

18.12 Nothing in this subclause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988* (Cth) or FW Act.

18.13 The Queensland Government Building and Construction Training Policy applies to all Projects which amongst other requirements, provides a formula for a minimum allocation of employment of apprentices and trainees (new entrants only) and workforce training on all Projects.

19. EMPLOYMENT SECURITY

19.1 Without limiting the Employer's right to determine its operational requirements the Parties to this Agreement will encourage the continuity of employment for Permanent Employees with the aim of ensuring that permanent employment opportunities are not eliminated or eroded in-so-far as it is reasonably practicable to do so.

19.2 In order to maximise the continuity and security of employment for Employees and to ensure that the Employer's equipment is operated only by qualified, experienced and capable persons, the Employer agrees that in relation to the operation of tower cranes, all tower cranes which are hired out by the Employer, and which are capable of being operated by Employees of the Employer, shall be supplied with a suitably qualified operator who is a current Employee of the Employer for the duration of the hire period.

19.3 The Employer recognises that in certain circumstances the use of contractors and labour hire may affect the job security of Employees covered by this Agreement.

19.4 The Employer is also committed to maintaining a stable and skilled workforce, having regard to the contribution that a stable and skilled up workforce has for Employee's job security. The Employer also acknowledges that use of subcontractors or supplementary labour may amount to a workplace concern on the part of Employees. The Employer will take all reasonable measures to achieve employment security for the Employees in-so-far as it is practicable to do so.

19.5 If the Employer wishes to engage subcontractors or supplementary labour to perform work which is usually performed by its own Employee's under this Agreement, the Employer must consider any matters raised in consultation by potentially affected Employees before making any final decision to engage subcontractors or supplementary labour.

19.6 Following consultation and subject to this clause, the decision whether to engage subcontractors or supplementary labour is a decision of the Employer alone. Any dispute as to

the application of this clause will be dealt with under the dispute's settlement procedure under this Agreement. The Employer will ensure that all subcontractors are bona fide contractors and engage their employees on lawful terms and conditions.

19.7 As soon as practicable after being awarded a contract upon request from the Union Delegate, the Employer shall inform the Union via its Union Delegate which subcontractors have been engaged for the Project.

20. TERMINATION

20.1 Employment may be terminated by the Employer due to performance/general misconduct, serious and willful misconduct, or Redundancy.

20.2 Performance/General Misconduct

In the event that an Employee fails to maintain satisfactory performance levels in the case of general misconduct (e.g. lateness for work), the following three-step counselling procedure will be applied. This procedure does not apply for Redundancy situations. An Employee may elect at any step to have their employee representative or any other person or persons of his or her choice, present. The Employee must be given an opportunity to respond to each allegation. At the request of the Employee, copies of any written warnings will be given to the employee representative or any other party to this Document.

(a) Step 1- First Written Warning

The Employer will have a discussion with the Employee, and the Employer will advise the Employee of the problems that the Employer believes exist in relation to the Employee's conduct. If appropriate the Employer will then issue a written warning detailing:

(i) The issues of concern; and

(ii) The standards of improvement required.

(b) Step 2- Final Written Warning

If the Employee fails to meet the standards of improvement in accordance with Step 1 within a reasonable period of time, the Employer will have a further discussion with the Employee in which it will advise the Employee of the problems the Employer believes exists in relation to the Employee's conduct.

If appropriate the Employer will then issue a final written warning detailing:

(i) The issues of concern;

(ii) The standards of improvement required; and

(iii) That it is a final written warning and that failure to meet the standards of improvement stated therein may lead to dismissal.

If an Employee does not repeat the same offence which produced the need for the final warning, within six-months of the warning, the final warning advice becomes null and void and cannot be considered grounds for dismissal.

(c) Step 3- Dismissal

If after receiving a final warning, the Employee repeats the same conduct within a period of six-months, then the Employee may be dismissed. A written notice of dismissal will be provided to the Employee by the Employer outlining the reasons for the dismissal.

20.3 The Employer shall provide to each terminated Employee a written statement specifying the period of employment and the classification or type of work performed by the Employee.

20.4 The Employer shall pay each terminated Employee all accrued entitlements and other wages owing within two business days of termination or the Employee shall be entitled to claim payment for all time spent waiting for the wages up to a maximum of eight-hours pay per day (including Saturday and Sunday). This claim shall be regardless of whether or not the Employee remains on the job.

20.5 The Employer shall pay each dismissed Employee for any public holiday that occurs in the period of annual leave that would have been payable, had the Employee commenced annual leave on the date of termination. Where the Employee's leave balance would not include public holidays occurring within 10 working days (excluding weekends) following termination, the Employee shall receive payment for these public holidays

20.6 In cases where the Employer is considering transferring, or terminating the services of an elected Union Delegate, employee representative, or HSR, a five-day mandatory consultation period shall be initiated by the Employer with the Union prior to any final decision on transfer or termination being made. The affected Employee will be immediately advised of the initiation of the consultation period and shall remain on the job during the consultation process. If the employer fails to comply with any of these requirements, the notice period that the Employer must give to the affected Employee shall be increased to four weeks (or five weeks if required by the NES).

20.7 For clarity, this clause 20 does not apply to casual Employees.

21. REDUNDANCY AND INCOME PROTECTION

APPENDIX TWO provides redundancy and income protection provisions for the relevant classifications, as applicable.

22. WAGES

22.1 Employees must be paid wages in accordance with APPENDIX ONE from the first full pay period after the dates specified. Those rates include the following increases:

(a) 5 % from the 1st July 2020;

(b) 5 % from the 1st July 2021;

(c) 5% from the 1st July 2022; and

(d) 5% from the 1st July 2023, subject to this increase being the sole wage increase for the year following the date of increase.

23. CLASSIFICATIONS

23.1 The Classification levels for Employees engaged under this Agreement shall be read in accordance with the relevant Awards unless specifically amended by the terms of this Agreement. Classification levels, relativities, pay rates and other details are contained in APPENDIX ONE, as applicable.

23.2 Site Allowance

(a) A Site Allowance as detailed below will be paid as a flat amount for each hour worked and will remain unaltered for the duration of each project. At the commencement of any new project by the Employer the Employer will inform the relevant Employees of the value of the project. Where there is a dispute with the value of the project, the Qleave or NTBuild declaration of the "total cost of work" will apply.

Value of Project	**Site Allowance**
0-$20m	$1.70;
>$20m-$100m	$2.50;
>$100m-$200m	$3.50;
>$200m-$300m	$4.50;
>$300m-$400m	$5.00;
>$400m-$500m	$5.50;
>$500m-$600m	$6.00;
>$600m-$700m	$7.00;
>$700m	$8.00.

Site Allowance is not subject to any premium or penalty and shall compensate for all disabilities other than:

(b) Heavy Blocks
(c) Explosive Powered Tools
(d) Scaffolder's Licence Allowance
(e) Unbacked Insulation
(f) Swing Stage
(g) Height / Multi-Storey

For these items the applicable rate in APPENDIX TWO will apply.

NB: The Living Away from Home Allowance, travel outside radial areas, transfers during working hours and all allowances referred to in this clause are not disability allowances for the purposes of this clause.

23.3 All other allowances are provided in APPENDIX ONE, SECTION FIVE paid as the context requires.

24. SUPERANNUATION

24.1 All Employees shall be entitled to receive Employer superannuation contributions and shall also co-contribute a minimum amount from their wages.

24.2 For Employees other than Electrical Workers and Metals and Engineering Trades Workers, such contributions will be paid to CBUS or BUSS(Q) or Australian Super. For Employees employed as Electrical Workers, such contributions will be paid to Energy Super. For employees employed as Metals and Engineering Trades workers, such contributions will be paid to Australian Super.

24.3 The Employer will contribute on behalf of each Employee the following minimum weekly amount (the formula in APPENDIX FIVE will apply to rates in this Agreement from 1 January 2016):

(a) $255.00 per week effective first full pay period July 2019;

(b) $269.00 per week effective first full pay period July 2020;

(c) $280.00 per week effective first full pay period July 2021;

(d) $295.00 per week effective first full pay period July 2022; and

(e) $307.00 per week effective first full pay period July 2023.

24.4 Every Employee shall co-contribute by way of salary sacrifice the following minimum weekly amount:

(a) $64.00 per week effective first full pay period July 2019;

(b) $68.00 per week effective first full pay period July 2020;

(c) $70.00 per week effective first full pay period July 2021;

(d) $74.00 per week effective first full pay period July 2022; and

(e) $77.00 per week effective first full pay period July 2023.

24.5 The contributions in clauses 24.23 and 24.4 above shall be in addition to all other entitlements prescribed by this Agreement.

24.6 Contributions for apprentices shall be calculated at 12% of ordinary time earnings.

24.7 Apprentices shall co-contribute by the way of salary sacrifice 3% of ordinary time earnings.

24.8 The Employer will on behalf of the Employee, forward the above amounts directly to each Employee's superannuation account at least once each calendar month.

24.9 Contributions will continue to be paid on behalf of an Employee during any absence on paid leave such as annual leave, long service leave (including leave paid for by QLeave or NTBuild), public holidays, sick leave, domestic violence leave and compassionate leave. The Employer shall also be required to make contributions while an Employee is absent from work and is claiming Workers' Compensation for a maximum period of 12 months. This 12-month maximum period does not apply to Electrical Workers.

24.10 Should it be established that the Employer has failed to make payments as required, the Employer shall be liable to make the appropriate contributions immediately upon being notified of the non-compliance. Further, the Employer shall pay an additional 10% per annum (calculated on a pro-rata basis) to offset the interest that the contributions would have attracted in the relevant fund had they been paid on the due dates. The requirement for the Employer to make retrospective payments shall not limit any common law action which may be available in relation to death, disablement or any similar cover existing within the terms of a relevant fund.

25. SALARY SACRIFICE ARRANGEMENTS

25.1 Employees will have access to salary sacrifice arrangements in addition to the compulsory arrangement detailed above. The requirements of any such arrangements shall ensure that:

(a) Accessing a salary sacrifice arrangement is a voluntary decision to be made by the individual Employee.

(b) The Employee wishing to enter into a salary sacrifice arrangement will be required to notify his/her Employer in writing of the intention to do so and have sought expert advice in relation to entering into such an arrangement.

(c) The Employer shall meet the cost of implementing the administrative and payroll arrangements necessary for the introduction of salary sacrifice to the Employees under the Agreement.

(d) The co-contribution of superannuation payments referred to herein shall be made by way of salary sacrifice arrangements.

26. HOURS OF WORK

26.1 Ordinary hours

Except as provided elsewhere in this Agreement, the ordinary working hours will be 36 hours per week (7.2 hours per day) worked between 6.00 a.m. and 6.00 p.m. Monday to Friday. Typically, work should not commence later than 7am. All time worked outside the aforementioned span of hours shall be by Document with the affected employees concerned and paid at double time.

26.2 Start and finish times

If the Employer wishes to alter start and finish times within the spread of ordinary daily hours, the Employer will consult with the affected Employees and:

(a) provide not less than 48 hours' notice to affected Employees of the change to start and finish times; and

(b) have regard to the intention of avoiding excessive overtime.

26.3 RDO and Weekend Work

(a) The provisions of this Agreement relating to RDOs will apply to work conducted under this clause.

(b) Where ordinary hours are worked on a Saturday or Sunday the Employees will be paid at the rate of double time for all hours worked (unless a higher rate is provided in accordance with this Agreement, for example as a public holiday or during an Easter or Christmas shutdown period).

27. OVERTIME PENALTY RATES

All time worked in excess of the ordinary hours, shall be paid at double time (provided that a higher penalty elsewhere in this Agreement does not apply):

28. SHIFTWORK

In this clause Shiftwork means work comprising recurring periods in which different groups of workers do the same jobs in rotation.

Shiftworker for the purposes of this clause is defined as an Employee who is required by the Employer to work Shiftwork, which commences or finishes outside 6.00 a.m. and 6.00 p.m. Monday to Friday.

A Shiftworker shall be paid in accordance with the *Building and Construction General On-site Award 2010* Award, until January 2019, when a Shiftworker shall be paid at the rate of double time for all hours worked.

An Employee who has to work Shiftwork shall be given at least 48 hours' notice of the requirements to work shift work. An Employee may refuse to work overtime in circumstances where the working of such shift would result in the Employee working hours which are unreasonable having regard to matters including:

(a) any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

(b) the Employee's personal circumstances including any family responsibilities;

(c) the notice (if any) given by the Employer of the overtime and by the Employee of his or her intention to refuse it; and

(d) any other relevant matter.

29. EMPLOYEE ROSTERED DAY OFF

Ordinary working hours will be scheduled in a 10 day cycle, Monday to Friday inclusive, with eight ordinary working hours worked for each of nine days and with 0.8 of an hour on each of those days accruing toward the 10th day, which will be known as the rostered day off (RDO).

26 rostered days are scheduled to be taken off by an Employee for every 12 months' continuous service in accordance with the dates set out in the calendar indicative of scheduled RDO contained in APPENDIX THREE. The purpose of this calendar is to ensure workers and site management manage their fatigue levels, thereby encouraging a safer and more productive Project.

For clarity, nothing in this clause or the calendar is intended to impose a limit on the ability of the Employer to determine with the majority of its affected Employees, when and where work can be performed to meet operational requirements or otherwise, limit the Employer's right to manage its business.

29.1 Payment for RDOs will include an entitlement to the daily fares and travel allowance.

29.2 Each day of leave taken and any public holiday occurring during any cycle will be regarded as a day worked for accrual purposes.

29.3 An Employee who has not worked a complete cycle will receive pro rata accrued entitlements payable for the rostered day off.

29.4 Where an Employee has insufficient accruals for an RDO, the Employer may by Document with the affected Employee, offset any deficiency from the Employee's annual leave entitlement.

29.5 Where the Employer wants an Employee or Employees to work on an RDO, the following process shall be followed:

(a) The Employer shall establish that there is a genuine need for the work to take place on the RDO. Examples of where work may take place include, but are not limited to, the following:
jumping cranes, erecting or dismantling jump form, high-risk activity (after consultation with the safety committee), or other operational circumstances that require work on that day;

(b) The Employer must consult with the affected Employee(s); and

(c) Provide affected Employee/s the opportunity to notify the Union using the form provided for in APPENDIX SIX, or other chosen representative/s in writing (fax or email) prior to the RDO that work will be performed.

The Employer is committed to providing as much notice as is reasonably practicable for a requirement to work. Wherever possible, the process outlined above will occur at least seven-calendar days prior to the RDO in question.

29.6 An Employee may refuse to work a RDO in circumstances where the working of such a RDO would result in the Employee working hours which are unreasonable having regard to matters including:

(a) any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

(b) the Employee's personal circumstances including any family responsibilities; and

(c) any other relevant matter.

29.7 Where the procedure in clause 29.5 has been followed and at least seven-days' notice has been provided to Employees to work on the RDO, Employee's must be paid for at 200% of the rate applicable for the Employee's classification in the Agreement, with a minimum payment for eight-hours, for that RDO. Where the procedure in clause 29.5 has not been followed or less than seven-days' notice has been provided to Employees to work on the RDO, Employee's must be paid at 250% of the rate applicable for the Employee's classification in the Document, with a minimum payment of eight-hours, for that RDO.

29.8 In addition to the loadings listed above, Employees will be provided a day in lieu for each RDO that they are required to work.

29.9 Up to five (5) RDOs may be accrued under normal industry flexibilities. Accrued RDOs will be taken in the calendar year they were due or be transferred to the employee's annual leave bank in the last pay period of the calendar year provided sufficient RDO hours are retained to cover the scheduled RDOs for January of the following year.

29.10 Easter and Christmas

An Employee required to work during the Easter and Christmas period, that is to work on any day between and inclusive of Christmas Day and New Year's Day and any day, between and inclusive of Good Friday and Easter Monday, shall be paid 300% of the hourly rate prescribed in the Agreement for the Employee's classification.

30. LEAVE

30.1 Permanent Employees shall be entitled to paid leave when they are absent from work due to:

(a) personal illness or injury (sick leave, a form of personal leave);

(b) for the purposes of caring for partners, children and/or other household or family members who are sick or in a personal emergency and require the Employee's care and support (carer's leave, another form or personal leave); or

(c) compassionate leave

30.2 Personal leave shall accrue as follows:

(a) Three days in the first month and then one additional day at the beginning of each of the next nine-calendar months will be available in the first year of employment;

(b) 12 days at the beginning of the Employees second and each subsequent year will commence on the anniversary of engagement;

(c) All unused personal leave is cumulative.

30.3 If required by the Employer, when an Employee is absent for more than two-consecutive days the Employee is required to give the Employer a doctor's certificate, or other reasonably acceptable evidence, about the nature and approximate duration of the illness.

30.4 Unpaid carer's leave will be in accordance with the NES.

30.5 Parental Leave will be in accordance with the FW Act.

30.6 All Employees covered by this Agreement are entitled to long service leave on full pay under, subject to, and in accordance with, the provisions of Division 9, sections 93-114 of the

Industrial Relations Act 2016 (Qld) as amended from time to time, or the provisions of the *Building and Construction Industry (Portable Long Service Leave) Act 1991 (Qld)*. Section 95 subsection (4) of the *Industrial Relations Act 2016 (Qld)* does not apply to Employees covered by this Agreement.

30.7 Employees may take unpaid leave (in addition to any entitlements to certain types of unpaid leave that are available in accordance with the NES). Such leave will be subject to the Employer's approval except for up to five-days per year of unpaid leave, which may be taken by notice given at or before the commencement of such leave. Unpaid leave can be taken for less than a day.

30.8 An Employee's entitlement to annual leave will be consistent with the NES contained in the FW Act.

Annual leave shall accrue at the rate of three-hours per week (i.e. 36 ordinary hours) of service. If the Employee is a Continuous Shiftworker (as defined in this Agreement), the Employee shall accrue annual leave at the rate of 3.75 hours per week (i.e. 36 ordinary hours) of service.

The Employer will not unreasonably refuse a request for annual leave by an Employee.

Annual leave will be paid at the rate the Employee would have received if ordinary hours had been worked during the period of leave (including applicable allowances), plus a loading of 17.5%.

At the termination of employment, the Employee will be paid out all outstanding annual leave entitlements, including the 17.5% loading. As per the NES, the annual leave will be paid out as if the Employee were taking leave, commencing from the end of the termination notice period. As such, any public holidays occurring during the period for which the annual leave entitlement applies, will be paid for in addition to the annual leave entitlement.

Employees are entitled to compassionate leave in accordance with the NES contained in the FW Act. In addition, compassionate leave is available for Employees when any close family relative dies (i.e. the relative does not necessarily have to be a member of the Employee's immediate family or household.) For clarity, casual Employees are entitled to unpaid compassionate leave in accordance with the NES.

31. FAMILY VIOLENCE LEAVE

31.1 For the purposes of this clause, family violence is:

(a) behaviour by a person towards a family member of that person if that behaviour:

(i) is physically or sexually abusive;

(ii) is emotionally or psychologically abusive;

(iii) is economically abusive;

(iv) is threatening;

(v) is coercive; or

(vi) in any other way controls or dominates the family member and causes that family member to feel fear for the safety or wellbeing of that family member or another person;

(b) behaviour by a person that causes a child to hear or witness, or otherwise be exposed to the effects of, behaviour referred to in paragraph (a).

31.2 For the purposes of this clause, a "family member", in relation to a person (a "relevant person"), means:

(a) a person who is, or has been, the relevant person's spouse or domestic partner;

(b) a person who has, or has had, an intimate personal relationship with the relevant person;

(c) a person who is, or has been, a relative of the relevant person;

(d) a child who normally or regularly resides with the relevant person or has previously resided with the relevant person on a normal or regular basis; or

(e) a child of a person who has, or has had, an intimate personal relationship with the relevant person.

31.3 For the purposes of clauses 31.2(b) and 31.2(e), a relationship may be an intimate personal relationship whether or not it is sexual in nature.

31.4 Confidentiality

The Employer must take all reasonable measures to ensure personal information concerning an Employee's experience of family violence is kept confidential.

31.5 Leave

(a) An experiencing family violence will have access to 10 days per year of paid family violence leave paid at the Employee's minimum wage rate prescribed for their classification by this Agreement applicable to their classification to attend legal proceedings, counselling, and appointments with a medical or legal practitioner, relocation, the making of safety arrangements and other activities associated with the experience of family and domestic violence.

(b) Family violence leave is in addition to any other existing leave entitlements and may be taken as consecutive or single days or as a fraction of a day.

(c) The Employee shall give as much notice as reasonably possible prior to taking the leave under this clause.

(d) In addition, the Employer may require the Employee to produce evidence to support the need for family violence leave such as a document issued by the police, a court, a doctor (including a medical certificate), a family violence support service, or a statutory declaration.

(e) For the avoidance of doubt, family violence leave does not cumulate from year to year and is not paid out on termination of employment.

31.6 For clarity, unpaid Family and Domestic Violence Leave is available in accordance with the Awards.

32. ADDITIONAL OCCUPATIONAL HEALTH AND SAFETY MATTERS

32.1 The following clothing will be supplied to all Employees (no later than one-month after commencement) and will be replaced on a fair wear-and-tear basis. Employees when working on site are required to wear all footwear and clothing supplied. The issue will be:

(a) 1 pair of safety boots (if the Employee buys such boots, the Employer will reimburse the Employee up to $125.00 upon producing of a purchase receipt);

(b) 6 sets of shirts and shorts/trousers, overalls or bib and brace overalls, or any combination as agreed; and

(c) 1 high visibility winter jacket.

All of the abovementioned items will be replaced on a fair wear-and-tear basis. Where an Employee has not sought replacement of any of the abovementioned items on a fair wear-and-tear basis within 12-months from the date of issue, then that Employee will be entitled to a re-issue of the items at the completion of those 12 months.

All items will comply with the relevant Australian Standards. The clothing selected will need to be breathable, be light weight, UV stable, have a high visibility quality, and have the maximum UPF rating.

No Document to pay cash in lieu of supply of clothing/footwear is permitted.

When the Employer requires an Employee to wear spectacles with toughened glass lenses the Employer will pay the cost of the toughening process.

32.2 Stand-By Drivers and Crane Crews

(a) The crane crew for each crane must consist of at least the following:

(i) A crane driver;

(ii) A dogman/stand-by driver; and

(iii) A dogman

(b) Notwithstanding the above, any site with more than one crane crew shall provide a stand-by driver in accordance with the following scale:

(i) 2 cranes -1stand-by driver

(ii) 3 cranes - 2 stand-by drivers

(iii) 4 cranes - 3 stand-by drivers

(iv) 5 cranes - 4 stand-by drivers

(v) 6 cranes - or more- to be negotiated

(c) For short term absences by a driver or dogman/stand-by driver of three-days or less, a replacement driver or dogman/stand-by driver will not be required. The dogman/stand-by driver will be paid at the same rate as the driver for all hours worked.

33. TIME AND WAGES RECORDS

33.1 Particulars of details of payment to each Employee must be included on the envelope including the payment or in a statement handed to the Employee at the time payment is made and will contain the following information:

(a) Name of employing Employer

(b) Name of Employee

(c) Employee's classification

(d) Date of payment and period covered by wage statement

(e) Details of the number of ordinary hours worked

(f) Details of the number of overtime hours worked

(g) The ordinary hourly rate and the amount paid at that rate

(h) The overtime hourly rates and the amounts paid at those rates

(i) The gross wages paid

(j) The net wages paid

(k) Details of any deductions made from the wages

(l) Details of all accrued entitlements such as RDO's, personal leave, annual leave, etc

(m) Details of the Employer CBUS/BUSS(Q)/Energy Super contribution, including when the contribution was made and the amount details of the Employee CBUS or BUSS(Q) contribution, including when contribution was made and the amount

(n) Details of the Employer BERT/CIRT contribution, including when contribution was made and the amount

(o) Details of the Employer CIPQ/Energy Super Income Insurance payment, including when contribution was made and the amount

(p) Details of the Employees BEWT/JetCo, STQ payment, including when contribution was made and the amount.

33.2 In addition, the employer must also maintain the following time and wage records:

(a) The Employees date of birth

(b) The date when the Employee became an Employee of the Employer, if appropriate, the date when the Employee ceased employment with the Employer

(c) The Employees tax file number

(d) The Employees CBUS/BUSS(Q)/Energy Super/Australian Super number

(e) The Employees BERT/CIRT/Protect number

(f) The Employees QLeave or NTBuild number

(g) The Employees CIPQ/Energy Super/Wageguard Income Insurance number

(h) Daily details of work including:

(i) Daily start time and finish time

(ii) Time lunch and crib breaks taken

(iii) Total ordinary hours worked and resulting wage

(iv) Total time and a half-hour worked and resulting wage

(v) Total double time hours worked and resulting wage

(i) Details of allowances paid

(j) Details and payment for RDO's, Personal and annual leave, public holidays

(k) Details of deductions

(l) Details of additions

(m) Total gross allowances paid per week and year to date

(n) Total gross wages paid per week and year to date

(o) Tax deducted from wages per week and year to date

(p) Net wages per week and year to date

(q) ROO's, sick and annual leave accrued per week and year to date

(r) CBUS/BUSS(Q)/Energy Super, BERT/CIRT, BEWT/JetCo, STQ, and CIPQ/Energy Super Income Insurance paid per week and year to date.

34. UNION DELEGATE/EMPLOYEE REPRESENTATIVE RIGHTS

34.1 Where an Employee has been elected as a Union Delegate/employee representative, the Employer will recognise the following rights:

(a) the right to be treated fairly and to perform their role without any discrimination in their employment;

(b) for the Union Delegate/employee representative to represent an Employee where requested in relation to a grievance, dispute or a discussion with a member of the Union;

(c) the right to place information related to permitted matters in a prominent location in the workplace except that the material must not breach freedom of association, privacy and other applicable laws; and

(d) the right to paid time to attend industrial tribunals and/or courts where they have been requested to do so by an Employee (which may include themselves) whom they represent in a particular dispute in their workplace;

(e) the right to paid time to assist and represent Employees who have requested them to represent them in respect of a dispute arising in their workplace; and

(f) the right to represent the interests of members in their workplace to the Union, the Employer and industrial tribunals/courts,

(g) the right to represent the interests of Employees who request their assistance in their workplace to the Employer and industrial tribunals/courts,

(h) the right for reasonable time off to attend accredited union education

(i) the right to take reasonable leave to work with the Union

(j) the right to have reasonable time off to participate in the operation of the union.

35. UNION DELEGATE FACILITIES

35.1 Union Delegate Facilities

The Employer shall provide an agreed facility for the use of the Union Delegate to perform their duties and functions as the on-site representative of the Employees. The provision of the following facilities is to ensure that the Union Delegate is able to effectively perform his/her functions in a professional and timely manner. The facilities shall include:

(a) a telephone;

(b) an IPad equipped with mobile Internet access;

(c) a table and chairs;

(d) a filing cabinet;

(e) air-conditioning/heating;

(f) access to stationery and other administrative facilities, including use of facsimile, use of e-mail, (if available on site), following consultation between the Union Delegate and Site Management; and

(g) a private lockable area.

36. UNION TRAINING LEAVE

36.1 An Employee elected as Union Delegate shall, upon application in writing to the Employer, be granted up to five-days paid leave each calendar year to attend relevant Union Delegate courses. Such courses shall be designed and structured with the objective of promoting good industrial relations within the building and construction industry.

36.2 Consultation may take place between the parties in the furtherance of this objective.

36.3 The application for leave shall be given to the Employer in advance of the date of commencement of the course. The application for leave shall contain the following details:

(a) The name of the Union Delegate seeking the leave;

(b) The period of time for which the leave is sought (including course dates and the daily commencing and finishing times); and

(c) A general description of the content and structure of the course and the location where the course is to be conducted.

36.4 The Employer shall advise the Union Delegate within seven clear working days (Monday to Friday) of receiving the application as to whether or not the application for leave has been approved.

36.5 The time of taking leave shall be arranged so as to minimise any adverse effect on the Employer's operations. The onus shall rest with the Employer to demonstrate an inability to grant leave when an eligible Union Delegate is otherwise entitled.

36.6 The Employer shall not be liable for any additional expenses associated with an Employee's attendance at a course other than the payment of ordinary time earnings for such absence. For the purpose of this clause ordinary time earnings shall be defined as the relevant Agreement classification rate including, shift work loadings where relevant plus Site Allowance where applicable.

36.7 Leave rights granted in accordance with this clause will not result in additional payment for alternative time off to the extent that the course attended coincides with a Union Delegate's RDO or with any concessional leave.

36.8 A Union Delegate on request by the Employer shall provide proof of their attendance at any course within seven-days. If an Employee fails to provide such proof, the Employer may deduct any amount already paid for attendance from the next week's pay or from any other moneys due to the Union Delegate.

36.9 Where a Union Delegate is sick during a period when leave pursuant to this clause has been granted proof of attendance at the course is not required for that period and the Employee shall receive payment if entitled under the provisions of the relevant Award.

36.10 Leave of absence granted pursuant to this clause shall count as service for all purposes of this Agreement.

37. INDIVIDUAL FLEXIBILITY ARRANGEMENTS

37.1 Where the Employer wants to enter into a individual flexibility arrangement (IFA) it must provide a written proposal to the Employee. Where the Employee's understanding of written English is limited, the Employer must take measures, including translation into an appropriate language, to ensure the Employee understands the proposal.

37.2 The Employer and an Employee covered by this Document may agree to make an IFA to vary the effect of terms of the Document if:

(a) it deals with one or more of the following matters:

(i) Time between which ordinary hours are worked;

(ii) Salary sacrifice Documents;

(iii) Reduction in ordinary hours;

(iv) Increase in annual leave accrual each year;

(v) Increase in rate of accrual of Rostered days off;

(vi) Increase in wages;

(vii) Increase in training leave (Union or otherwise);

(b) The IFA meets the genuine needs of the Employer and the Employee covered by this Document in relation to one or more of the matters mentioned in paragraph (a) above; and

(c) The IFA is genuinely agreed to by the Employer and the Employee.

37.3 The Employer must ensure that the terms of the IFA:

(a) are about permitted matters under section 172 of the FW Act; and

(b) are not unlawful terms under section 194 of the FW Act; and

(c) result in the Employee being better off overall than the Employee would be if no IFA was made.

37.4 The Employer must also ensure that any such IFA is:

(a) in writing (including details of the terms that will be varied, how the IFA will vary the effect of the Enterprise Document terms, how the Employee will be better off overall in relation to the terms and conditions of his or her employment as a result of the IFA, and the day on which the IFA commences);

(b) includes the name of the Employer and Employee;

(c) signed by the Employer and the Employee, and if the Employee is under 18, by a parent or guardian of the Employee; and

(d) provided to the Employee within 14 days after it is agreed to.

37.5 The Employer or Employee may terminate the IFA by either the Employer or Employee giving written notice of not more than 28 days, or at any time by both parties agreeing in writing.

37.6 Where any of the requirements of ss 202 and 203 of the FW Act are not met, the IFA is of no effect.

38. SHAM CONTRACTING

38.1 Sham contracting occurs when an Employer engages an individual to perform building work under a contract for services where the true character of the engagement or proposed engagement is that of employment.

38.2 The Employer recognises that the practice of sham contracting is unlawful and undermines the job security of the Employees covered by this Agreement. The Employer will ensure that sham contracting does not occur and agree that sham contracting is prohibited by this Agreement.

38.3 The Employer will not enter into a contract with another person ("the Contractor") under which services in the nature of building work are to be provided to the employer, if:

(a) the services are to be performed by an individual (who is not the Contractor); and the individual has any ownership in, or is an officer or trustee of, the contractor; and

(b) if the contract were entered into with the individual, the contract would be a contract of employment.

38.4 The Employer will maintain records about any Contractors that it has engaged in the preceding month which will include:

(a) the name of the Contractor;

(b) the owner(s) of the Contractor;

(c) the works that the Contractor was engaged to perform;

(d) basis on which the Contractor was paid for the work e.g. lump sum/fixed price, daily rate, other; and

(e) advice as to whether the works that the Contractor was engaged to perform were previously performed by an Employee covered by this Agreement.

38.5 The Employer will, within seven-days of receiving a written request from an Employee, provide a copy of the records which it is required to keep pursuant to the previous subclause. Nothing in this subclause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988* (Cth).

38.6 Where in breach of this clause a sham contract was in place, such that that Contractor was in fact an Employee under this Agreement, the calculation for back pay will be calculated on the basis of the difference between what they were paid under sham contract arrangement and:

(a) 175% of the applicable hourly rate contained in this Document; plus

(b) the site allowance (if applicable); plus

(c) the multi-storey allowance (if applicable), plus

(d) CBUS/BUSS(Q)/Energy Super/Australian Super, BERT/CIRT/PROTECT, CIPQ/Energy Super Income Insurance/WAGEGUARD and BEWT/JetCo, STQ.

39. SECURITY OF PAYMENTS

39.1 The Employer recognises that the under, non or late payment of building industry participants for services rendered can affect the entitlements of workers and the security of their employment.

39.2 The Employer acknowledges its obligations under the *Building and Construction Industry Payments Act 2004* (as amended) and the *Subcontractors Charges Act 1974*.

39.3 The Employer will not engage in illegal or fraudulent phoenix activities for the purpose of avoiding any payment due to another building contractor or building industry participant or other creditor.

39.4 The Employer will:

(a) comply with all applicable laws and other requirements relating to the security of payments that are due to subcontractors; and

(b) ensure that payments which are due and payable are made in accordance with applicable legislative requirements including the Code and are not unreasonably withheld; and

(c) have a documented dispute settlement process in accordance with all applicable legislative requirements including the Code that details how disputes about payments will be resolved, includes a referral process to an independent adjudicator for determination if the dispute cannot be resolved between the parties and requires compliance with that process; and

(d) as far as practicable, ensure that disputes about payments are resolved in a reasonable, timely and cooperative way.

39.5 The Employer will keep records demonstrating its compliance with clause 39.4. The Employer will, within seven-days of receiving a written request from an Employee who has a reasonable belief of a non-compliance with clause 39.4, provide evidence demonstrating its compliance. Nothing in this clause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988* (Cth) or the FW Act.

40. TEMPORARY FOREIGN LABOUR

40.1 In this clause the term "temporary foreign labour" means a person that is not an Australian citizen or Australian permanent resident (within the meaning of the *Migration Act 1958* (Cth) who is employed or engaged to undertake building work by the Employer.

40.2 The Employer recognises that the engagement of temporary foreign labour may undermine the job security of the Employees covered by this Agreement. The parties wish to limit the circumstances in which temporary foreign labour can be engaged so as to ensure the job security of the Employees covered by this Agreement.

40.3 The Employer will not engage temporary foreign labour unless:

(a) the position is first advertised in Australia;

(b) the advertising was targeted in such a way that a significant proportion of suitably qualified and experienced Australian citizens and Australian permanent residents (within the meaning of the *Migration Act 1958* (Cth) would be likely to be informed about the position;

(c) any skills or experience requirements set out in the advertising were appropriate to the position;

(d) the employer demonstrates that no Australian citizen or Australian permanent resident is suitable for the job; and

(e) temporary foreign labour will be engaged in accordance with this Agreement.

40.4 The Employer will, within seven-days of receiving a written request from an Employee provide evidence demonstrating its compliance with this clause 41 of this Agreement. Nothing in this clause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988* (Cth) or FW Act.

40.5 Where an employer engages temporary foreign labour in breach of this clause, the position shall, as soon as practicable, be re-advertised and filled by the employer strictly in accordance with this clause.

41. QUALITY BUILDING MATERIALS

41.1 The Parties recognise the complex issue of non-conforming building products (NCBPs). NCBPs are building products about which false claims have been made as to their quality and purpose or do not meet required standards for their intended use. A building product is non-conforming if, in association with a building, the product:

(a) is not, or will not be, safe;

(b) does not, or will not, comply with relevant regulatory provisions; or

(c) does not perform, or is not capable of performing, for the use to the standard represented.

The Parties recognise that domestically sourced and manufactured conforming building products are less likely to create the above conditions and accordingly wish to maximise the use of domestically sourced and manufactured building materials by the Employer.

41.2 The Employer will only use products in building work that comply with relevant Australian Standards published by, or on behalf of, Standards Australia in accordance with the National Construction Code.

41.3 In order to maintain compliance with the Code, and in line with other regulatory requirements, the Employer will maintain records in accordance with the *Building and Construction*

Legislation (Non-Conforming Building Products – Chain of Responsibility and Other Matters) Amendment Act 2017.

41.4 The Employer will, within seven-days of receiving a written request from an Employee, provide a copy of the records which it is required to keep pursuant to the previous subclause.

42. COMPLIANCE WITH THIS DOCUMENT

42.1 Complaints, queries and concerns regarding entitlements paid in relation to the Awards or this Agreement shall be raised and resolved in accordance with the disputes procedure in this Agreement. Authorised industrial personnel shall be provided access to time and wage records in accordance with all legal requirements. Authorised industrial inspectors or permit holders shall be provided access to time and wages records in accordance with the FW Act.

42.2 In addition to above, the Parties recognise their ongoing legal requirement to be compliant with Australian laws and regulations.

42.3 The Employer will conduct an audit using the Audit Form provided for in APPENDIX SEVEN to confirm compliance with:

(a) Awards and workplace arrangements which have been certified, registered or otherwise approved under the relevant industrial legislation.

(b) Legislative requirements such as:

(i) *Fair Work Act 2009*;

(ii) QLD/NT Workers Compensation;

(iii) Superannuation; and

(iv) Long Service Leave.

42.4 This audit will be conducted annually and/or when there is a request by an Employee that there is a reasonable suspicion of non-compliance. The audit will be undertaken in accordance with ISO9001-2008 by an auditing company agreed between the Employer and the majority of Employees. A copy of the audit record will be provided to all Employees, and any representative nominated by the Employee.

43. POSTING OF DOCUMENT AND NOTICES

43.1 A true copy of this Agreement shall be exhibited in a conspicuous and convenient place on the premises of the Employer and on every Employee's worksite so as to be easily read by Employees.

44. SEVERABILITY

44.1 It is the intention of those covered by this Agreement that the Agreement contains only permitted matters under the FW Act. The severance of any term of this Agreement that is, in whole or in part, of no effect by virtue of the operation of section 253 of the FW Act shall not be taken to affect the binding force and effect of the remainder of the Agreement. To the extent it is possible, all terms should be interpreted in a manner that would make them permitted matters.

Appendix One - Rates of Pay and Allowances

1. Section One – Construction Workers

This APPENDIX ONE, SECTION ONE reflects the Agreement of the Parties respondent to this Agreement in respect of, among other things, classifications and wage rates for Construction Workers. Refer to APPENDIX ONE, SECTION FIVE, for allowances, as the context requires.

1.1 Wages

(a) The wage rates detailed in APPENDIX ONE, SECTION ONE for classifications CW1 to CW4 inclusive include the weekly hand tool allowance (where relevant);

(b) The ordinary time hourly rate for all purposes shall be calculated by dividing the appropriate weekly rate by 36;

(c) The wage rates for classifications CW 5 and above detailed in APPENDIX ONE, SECTION ONE do not contain the weekly hand tool allowance. Where this allowance is applicable, it must be paid in addition to the rates contained in APPENDIX ONE, SECTION FIVE.

Wages for Apprentices shall be calculated by applying a fixed percentage to the rates of specific trades as provided by the applicable award or order. Provided that the trade rate shall not include the hand tool or power tool allowances for the purpose of this calculation.

CONSTRUCTION WORKER CLASSIFICATIONS AND RATES OF PAY						
CW8 - Supervisor						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,944.13	$2,041.34	$2,143.41	$2,250.58	$2,363.11	$2,481.26
p/h	$54.00	$56.70	$59.54	$62.51	$65.64	$68.92
CW7 - Tower Crane Operator, Tower Crane Rigger, Supervisor (Sub-Foreperson)						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,865.89	$1,959.18	$2,057.14	$2,160.00	$2,268.00	$2,381.40
p/h	$51.83	$54.42	$57.14	$60.00	$63.00	$66.15
CW6 – Trainer						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,788.19	$1,877.60	$1,971.48	$2,070.05	$2,173.56	$2,282.23
p/h	$49.67	$52.15	$54.76	$57.50	$60.37	$63.39
CW5 - Special Class Trades, Special Class Dogman (as defined), Refractory Bricklayer, Carver						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,710.50	$1,796.03	$1,885.83	$1,980.12	$2,079.13	$2,183.09
p/h	$47.51	$49.89	$52.38	$55.00	$57.75	$60.64
CW4 – Signwriter						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,661.00	$1,744.05	$1,831.25	$1,922.82	$2,018.96	$2,119.90
p/h	$46.14	$48.45	$50.87	$53.42	$56.09	$58.89
CW4 - Marker Setter Out, Letter Cutter, WHSO, Union delegate						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,718.47	$1,804.39	$1,894.61	$1,989.34	$2,088.81	$2,193.25
p/h	$47.74	$50.13	$52.64	$55.27	$58.03	$60.93

CW4 - Mobile Concrete Boom Pump Operator						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,635.22	$1,716.98	$1,802.83	$1,892.97	$1,987.62	$2,087.00
p/h	$45.42	$47.69	$50.07	$52.58	$55.21	$57.97
CW3 - Carpenters/Joiners, Stonemason, Other Qualified Tradesperson*						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,640.77	$1,722.81	$1,808.95	$1,899.40	$1,994.37	$2,094.09
p/h	$45.58	$47.86	$50.25	$52.77	$55.40	$58.17
CW3 – Floor layers, Plasterers, Tilers, Tuck-pointers						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,629.07	$1,710.52	$1,796.05	$1,885.85	$1,980.14	$2,079.15
p/h	$45.25	$47.51	$49.89	$52.38	$55.00	$57.75
CW3 - Bricklayers, Water-proofers						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,618.95	$1,699.90	$1,784.90	$1,874.14	$1,967.85	$2,066.24
p/h	$44.97	$47.22	$49.58	$52.06	$54.66	$57.40
CW3 - Slater, Ridge or Roof Fixer, Roof Tiler						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,604.05	$1,684.25	$1,768.46	$1,856.89	$1,949.73	$2,047.22
p/h	$44.56	$46.79	$49.13	$51.59	$54.17	$56.87
CW3 - Painters, Glaziers, Installers						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,583.30	$1,662.47	$1,745.59	$1,832.87	$1,924.52	$2,020.74
p/h	$43.98	$46.18	$48.49	$50.91	$53.46	$56.13
CW3 - Rigger, Dogman, Employees with AQF 3 certificates (even if Employee job mentioned in lower classification), Mobile Concrete Line Pump Operators, Concrete Cutter (+ 6 months experience)						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,557.21	$1,635.07	$1,716.82	$1,802.66	$1,892.80	$1,987.44
p/h	$43.26	$45.42	$47.69	$50.08	$52.58	$55.21
CW2 - Scaffolder, Powder Monkey, Hoist & Winch Driver, Foundation Shaftsman, Steel fixer (including Tack Welder), Concrete Finisher, Traffic Controller, Gatemen / Security Guard, Pump Line Hand, Post Tensioning						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,494.96	$1,569.71	$1,648.20	$1,730.61	$1,817.14	$1,907.99
p/h	$41.52	$43.60	$45.78	$48.07	$50.47	$53.00
CW1 - Skilled Labourer, Formwork Labourer and Others						
p/w	$1,439.07	$1,511.02	$1,586.57	$1,665.90	$1,749.19	$1,836.65
p/h	$39.97	$41.97	$44.07	$46.27	$48.59	$51.01
APPRENTICE RATES OF PAY						
Stage 4 of Apprenticeship (90% of CW3)						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,401.62	$1,471.61	$1,545.14	$1,622.40	$1,703.52	$1,788.69
p/h	$38.93	$40.88	$42.92	$45.07	$47.32	$49.69
Stage 3 of Apprenticeship (75% of CW3)						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$1,168.02	$1,226.34	$1,287.62	$1,352.00	$1,419.60	$1,490.58
p/h	$32.45	$34.07	$35.77	$37.56	$39.43	$41.41

Stage 2 of Apprenticeship (75% of CW3)						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$934.42	$981.07	$1,030.09	$1,081.60	$1,135.68	$1,192.46
p/h	$25.96	$27.25	$28.61	$30.05	$31.55	$33.12
Stage 1 of Apprenticeship (50% of CW3)						
From	**1/7/2018**	**1/7/2019**	**1/7/2020**	**1/7/2021**	**1/7/2022**	**1/7/2023**
p/w	$778.68	$817.56	$858.41	$901.33	$946.40	$993.72
p/h	$21.63	$22.71	$23.85	$25.04	$26.29	$27.60

Trainee Wages

Persons undertaking a Traineeship will receive either the following rates or remain at their existing level, whichever is the greater:

TRAINEE WAGES						
Stage 5 of Traineeship (100% of CW3)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
p/w	$1,557.21	$1,635.07	$1,716.82	$1,802.66	$1,892.80	$1,987.44
p/h	$43.26	$45.42	$47.69	$50.08	$52.58	$55.21
Stage 4 of Traineeship (CW2 - 96% of CW3)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
p/w	$1,494.92	$1,569.67	$1,648.15	$1,730.56	$1,817.09	$1,907.94
p/h	$41.53	$43.60	$45.78	$48.07	$50.48	$53.00
Stage 3 of Traineeship (CW1 - 92.4% of CW3)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
p/w	$1,438.86	$1,510.80	$1,586.34	$1,665.66	$1,748.95	$1,836.39
p/h	$39.97	$41.97	$44.07	$46.27	$48.58	$51.01
Stage 2 of Traineeship (CW1(b) - 88% of CW3)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
p/w	$1,370.34	$1,438.86	$1,510.80	$1,586.34	$1,665.66	$1,748.95
p/h	$38.07	$39.97	$41.97	$44.07	$46.27	$48.58
Stage 1 of Traineeship (New Entrant - 82% of CW3)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
p/w	$1,276.91	$1,340.76	$1,407.80	$1,478.19	$1,552.09	$1,629.70
p/h	$35.47	$37.24	$39.11	$41.06	$43.12	$45.27

Trainees shall progress through each of the stages every six months from the date of commencement, unless stages are otherwise completed earlier.

MOBILE HYDRAULIC PLATFORMS AND MOBILE CRANE CLASSIFICATIONS - RATES OF PAY						
MOBILE HYDRAULIC PLATFORMS						
Trainee (as defined)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,511.99	$1,587.59	$1,666.97	$1,750.32	$1,837.83	$1,929.73
ph	$42.00	$44.10	$46.31	$48.62	$51.05	$53.60
Boom length up to and including 11 metres (including trainees)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,519.43	$1,595.40	$1,675.17	$1,758.93	$1,846.87	$1,939.22
ph	$42.21	$44.32	$46.54	$48.86	$51.31	$53.87
Boom length over 11 metres and up to 17 metres						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,588.62	$1,668.05	$1,751.45	$1,839.03	$1,930.98	$2,027.53
ph	$44.13	$46.34	$48.66	$51.09	$53.64	$56.33
Boom length over 17 metres and up to 23 metres						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,633.86	$1,715.55	$1,801.33	$1,891.39	$1,985.96	$2,085.26
ph	$45.39	$47.66	$50.04	$52.55	$55.17	$57.93
Boom length over 23 metres and up to 28 metres						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,687.08	$1,771.43	$1,860.00	$1,953.00	$2,050.65	$2,153.18
ph	$46.86	$49.20	$51.66	$54.24	$56.96	$59.80
Unit equipped with underbridge unit						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,687.08	$1,771.43	$1,860.00	$1,953.00	$2,050.65	$2,153.18
ph	$46.86	$49.20	$51.66	$54.24	$56.96	$59.80
MOBILE CRANES						
Up to 20 tonnes						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,627.88	$1,709.27	$1,794.73	$1,884.47	$1,978.69	$2,077.63
ph	$45.22	$47.48	$49.85	$52.35	$54.96	$57.71
Over 20 tonnes and up to 60 tonnes						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,679.31	$1,763.28	$1,851.44	$1,944.02	$2,041.22	$2,143.28
ph	$46.65	$48.98	$51.43	$54.00	$56.70	$59.54
Over 60 tonnes and up to 100 tonnes						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,729.75	$1,816.24	$1,907.05	$2,002.40	$2,102.52	$2,207.65
ph	$48.05	$50.45	$52.97	$55.62	$58.40	$61.32
Over 100 tonnes and up to 200 tonnes						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,776.73	$1,865.57	$1,958.85	$2,056.79	$2,159.63	$2,267.61
ph	$49.35	$51.82	$54.41	$57.13	$59.99	$62.99
Over 200 tonnes and up to 300 tonnes						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,866.73	$1,960.07	$2,058.07	$2,160.98	$2,269.03	$2,382.48
ph	$51.85	$54.44	$57.16	$60.02	$63.02	$66.17

Over 300 tonnes and up to 400 tonnes						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,904.79	$2,000.03	$2,100.03	$2,205.03	$2,315.28	$2,431.05
ph	$52.92	$55.57	$58.35	$61.27	$64.33	$67.55
Over 400 tonnes /special purpose cranes						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,955.24	$2,053.00	$2,155.65	$2,263.43	$2,376.60	$2,495.43
ph	$54.32	$57.04	$59.89	$62.89	$66.03	$69.33
Rigger, dogman						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,590.09	$1,669.59	$1,753.07	$1,840.72	$1,932.76	$2,029.40
ph	$44.17	$46.38	$48.70	$51.13	$53.69	$56.38
EARTHMOVERS CLASSIFICATIONS – RATES OF PAY						
CW3						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,528.48	$1,604.90	$1,685.15	$1,769.40	$1,857.87	$1,950.77
ph	$42.46	$44.58	$46.81	$49.15	$51.61	$54.19
CW4						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,577.97	$1,656.87	$1,739.71	$1,826.70	$1,918.03	$2,013.94
ph	$43.83	$46.02	$48.32	$50.74	$53.27	$55.94
CW5						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,645.03	$1,727.28	$1,813.64	$1,904.33	$1,999.54	$2,099.52
ph	$45.69	$47.97	$50.37	$52.89	$55.53	$58.31
CW6						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,706.77	$1,792.11	$1,881.72	$1,975.80	$2,074.59	$2,178.32
ph	$47.40	$49.77	$52.26	$54.87	$57.61	$60.50

PILING CLASSIFICATIONS - RATES OF PAY						
CW7 - Senior Supervisor						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,821.43	$1,912.50	$2,008.13	$2,108.53	$2,213.96	$2,324.66
ph	$50.60	$53.12	$55.78	$58.56	$61.49	$64.57
CW6 - Working Supervisor						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,745.62	$1,832.90	$1,924.55	$2,020.77	$2,121.81	$2,227.90
ph	$48.49	$50.91	$53.46	$56.13	$58.93	$61.88
CW5 - Junior Supervisor						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,669.68	$1,753.16	$1,840.82	$1,932.86	$2,029.50	$2,130.98
ph	$46.38	$48.70	$51.14	$53.69	$56.38	$59.20
CW4 - Senior Foundation Operator (SFO)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,604.00	$1,684.20	$1,768.41	$1,856.83	$1,949.67	$2,047.16
ph	$44.56	$46.78	$49.12	$51.57	$54.15	$56.86

CW3 - Foundation Operator (FO)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,557.44	$1,635.31	$1,717.08	$1,802.93	$1,893.08	$1,987.73
ph	$43.26	$45.43	$47.70	$50.09	$52.59	$55.22
CW3 - Foundation Labourer - Skilled (FSL)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,557.44	$1,635.31	$1,717.08	$1,802.93	$1,893.08	$1,987.73
ph	$43.26	$45.43	$47.70	$50.09	$52.59	$55.22
CW2 - Foundation Labourer 2 (FL2)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,495.07	$1,569.83	$1,648.32	$1,730.74	$1,817.27	$1,908.14
ph	$41.53	$43.61	$45.79	$48.08	$50.48	$53.01
CW1 - Foundation Labourer 1 (FL1)						
From	**1/07/2018**	**1/07/2019**	**1/07/2020**	**1/07/2021**	**1/07/2022**	**1/07/2023**
pw	$1,439.11	$1,511.07	$1,586.62	$1,665.95	$1,749.25	$1,836.72
ph	$39.98	$41.97	$44.07	$46.27	$48.59	$51.01

2. SECTION TWO – Plumbing, Mechanical Plumbing, Sprinkler Fitting and Pipe Trade Workers

This APPENDIX ONE, SECTION TWO reflects the Agreement of the Parties respondent to this Agreement in respect of, among other things, classifications and wage rates of Plumbing, Mechanical Plumbing, Sprinkler Fitting and Pipe Trades Workers. Refer to APPENDIX ONE, SECTION FIVE, for allowances, as the context requires.

At the time of engagement of each Employee, the Employer must inform the person in writing the terms of their engagement (permanent, part-time or casual), the name of their Employer, the job to be performed, the classification level, and the relevant rate of pay.

The Employer may direct an Employee to carry out such duties as are reasonably within the limits of the Employee's skill/competence and training consistent with the Employee's classification provided that such duties are not designed to promote deskilling.

Apprentices and sheet metal workers with AQF level 3 qualifications will be engaged as weekly hire employees.

Classifications

Key concepts and terms

CSQ means Construction Skills Queensland. CSQ will be the recognised authority (for the purpose of this APPENDIX) to endorse competency standards and skill sets required for the major commercial plumbing industry sector in Queensland.

Fabrication includes:

a) the fabrication of pipes for chilled water and condenser water in workshop establishments;
b) the application of tradesperson's skills to cut, join or make up pipes into plumbing articles or pipe work in a plumbers' workshop or on a site where normally performed by a plumbing or mechanical tradesperson.

Fields of work means a defined group of related skills and work functions exhibiting common features and aimed at providing more efficient and productive work organisation, as well as more satisfying and well-paid jobs. In respect of this APPENDIX ONE, SECTION TWO, the fields of work are sanitary plumbing/water supply/drainage, gas fitting, roofing and cladding, mechanical services (including air

conditioning), lagging, pool plumbing, beer and spirits plumbing, water storage tank plumbing, and irrigation. A stream shall be taken to include any work that is complementary, ancillary or enabling in its nature relative to the trade activity. The principal purpose of fields of work is to facilitate the development of training modules.

First Class Sprinkler Fitter means a fitter who holds a Restricted water Plumbers - fire protection (commercial and industrial) license with the Plumbing Industry Council or any subsequent licensing authority and who can undertake all work in connection with preparing, erecting, fitting, fixing, commissioning, altering, overhauling, repairing or testing of apparatus, pipes and/or fittings including the fixing and connecting of tanks, valves, water supplies, pumps, gauges, or alarms for systems for the detection, extinguishment and/or control of fires and/or all pipes and/or fittings for conveyance of water, air and/or gas and/or chemical compounds and/or pipes and fittings for hydrant and hose reel services.

Gas Work Licence means an individual licensed under the provisions of the *Petroleum and Gas (Production and Safety) Act 2004.*

General supervision means working under general supervision means a person who:

- receives general instructions, usually covering only the broader technical aspects of the work; and
- may be subject to progress checks but such checks are usually confined to ensuring that, in broad terms, satisfactory progress is being made; and
- has their assignments reviewed on completion; and
- although competent and well experienced, there may be occasions on which the person will receive more detailed instructions.

Interim Gas Work Licence will mean an individual issued an interim license under the provisions of the *Petroleum and Gas (Production and Safety) Act 2004*.

Lagging means an employee who carries out work or is employed or usually employed in executing pipe and or duct lagging or domestic engineering work, whether prefabricated or not, or who executes any work in or in connection with:

- Sheet lead, galvanised iron or other classes of sheet metal or any other materials which supersede the materials usually fixed by plumbers including but not limited to:
- External Installation;
- Internal insulation;
- Chilled water insulation;
- Acoustic Insulation.

Licensed Drainer means a person licensed as a drainer by the appropriate State Authority, or a person holding a certificate covering draining work which is recognised under the provisions of the Australian and New Zealand Reciprocity Association Document who within three months makes application for and receives registration from the appropriate State Authority.

Limited supervision means working under limited supervision means a person who:

- receives limited instructions normally confined to a clear statement of objectives; and
- has their work usually measured in terms of the achievement of stated objectives; and
- is fully competent and very experienced in a technical sense and requires little guidance in the performance of their work.

Module means a module of training that equates to 40 nominal training hours.

New entrant means an employee, other than an apprentice, who has never previously worked within the scope of a building construction industry award or an Agreement covering building construction industry work. If there is doubt as to the status of an employee in this regard, the following documentation may be regarded as prima facie evidence that an employee is not a new entrant:

- documentary evidence concerning registration with any of the portable industry long service leave schemes;
- documentary evidence concerning contributions into an approved industry superannuation fund (e.g. CBUS, BUSSQ);

The new entrant classification does not apply to persons who were employed in the building and construction industry prior to the introduction of this Agreement. Such employees are subject to the translation arrangements set out in this Agreement.

The purpose of introducing the new entrant Level is not to displace existing employees, but to facilitate the introduction of a career path. Accordingly, an employer will not purposely turn over employees within the new entrant classification as an alternative to engaging employees on an ongoing basis.

Nothing contained in this clause will prevent a party from submitting a dispute about the status of an employee for determination under the dispute settlement procedure of this Agreement.

Prefabrication includes:

- the fabrication of pipes for chilled water and condenser water in workshop establishments;
- the application of tradesperson's skills to cut, join or make up pipes into plumbing articles or pipe work in a plumbers' workshop or on a site where normally performed by a plumbing or mechanical tradesperson.

Registered Plumber and/or Gasfitter means a plumber holding registration in accordance with the appropriate Queensland Authority.

Skills package means a bundle of skills or competencies within or across fields of work identified as related and complementary and approved as such by CSQ.

Streams or Skill streams means a broad grouping of skills that relate to a particular phase or aspect of production. A stream may be comprised of a number of fields of work.

Trade Assistant means a person who performs work of an unskilled nature as defined by s.121(1)(a) of the *Plumbing and Drainage Act 2002* (Qld) as amended and/ or replaced from time to time.

Trade certificate *(Plumbing and Mechanical Services Classifications)* means a trade certificate level 3 or its equivalent relevant to the Plumbing and Mechanical Services Industry, including those of Plumber or Mechanical Plumber or a Trade Certificate Level 3 in Engineering – Fabrication.

A person who has a trade certificate level 3 or its equivalent which is relevant to the Plumbing and Mechanical Services Industry will be deemed to have a trade certificate for the purpose of the definition of Plumbing and Mechanical Services Tradesperson Level 2.

Where it appears in the classification definitions at 105% and above the phrase or equivalent means:

a) any training which a registered provider (e.g. TAFE) or a State Training Authority has recognised as equivalent to accredited training which is recognised for these levels. This can include advanced standing through recognition of prior learning and/or overseas qualifications; or
b) where competencies meet the requirements of the national competency standards for these levels.

Trade certificate *(Sprinkler Fitting Classifications)* means a trade certificate or its equivalent relevant to the Fire Protection Industry. A person who has a trade certificate or its equivalent which is relevant to the Sprinkler Fitting Industry will be deemed to have a trade certificate for the purpose ofthe definition of Sprinkler Fitting Tradesperson Level 1. Whether a trade certificate or its equivalent is relevant will be determined by the appropriate regulatory body.

Where it appears in the classification definitions at 105% and above the phrase or equivalent means:

a) any training which a registered provider (e.g. TAFE) or a State Training Authority has recognised as equivalent to accredited training which is recognised for these levels. This can include advanced standing through recognition of prior learning and/or overseas qualifications; or
b) where competencies meet the requirements of the national competency standards for these levels.

Plumbing means plumbing, gas fitting, roof plumbing, lead burning, ship plumbing, heating, air-conditioning or ventilation plumbing, installation of metal cladding, fire sprinkler fitting, mechanical plumbing, water storage tank plumbing, irrigation installation, lagging, irrigation plumbing, pool plumbing, pipe-fitting or domestic engineering work, whether prefabricated or not, engaged on-site or in construction work or any work in or in connection with:

a) sheet lead, galvanized iron or other classes of sheet metal or any other materials which supersede the materials usually fixed by plumbers;
b) lead, wrought, cast or sheet iron, copper, brass or other classes of pipe work;
c) water (hot or cold), steam, gas, air, beer, spirits, vacuum, heating or ventilating appliances, fittings, services or installations; or
d) house, ship, sanitary, chemical or general plumbing or drainage and irrigation.

Services stream includes all fields of work principally concerned with the installation, commissioning and maintenance of services, whether performed in relation to buildings, structures or engineering projects and irrespective of when that work is undertaken in the construction process.

- **Services Stream (Plumbing and Mechanical Services)** means the skills and tasks at all appropriate levels in the classification structure which are included in the fields of work relevant to this APPENDIX.
- **Services stream (Sprinkler Fitting)** means the skills and tasks at all appropriate levels in the classification structure which are included in the fields of work relevant to this APPENDIX.

Engagement and Classification

The Employer will instruct each employee upon engagement the classification level they are employed at in accordance with the below table.

Employees shall be paid the rates of pay described in this Appendix in accordance with the level to which they are classified.

In determining the appropriate classification/reclassification of a position or job to be filled by an employee, an employer will give full regard to:

a) whether the employee has proven competencies to the classification sought within an approved skills package;

b) whether the employee is or is likely to utilise 50% or more of the competencies mentioned above during his/her employment with the employer over a reasonable period of time;

c) whether the employee possess the skills required for the employee's base level of pay;

d) the experience and/or qualifications of the employee in relevant indicative tasks nominated in the classification definitions contained in the appendix; and/or

If a dispute arises as to the proper classification of a position or job to be filled by an employee the matter will be determined in accordance with the dispute settlement procedure of this Agreement provided that the parties may seek to have the process informed by persons with technical/educational

expertise to assist in the process of resolving the dispute and any other persons the parties believe would assist in the resolution of the dispute.

Classification Structure

Classification	Relativity to Tradesperson (%)
Plumbing & Mechanical Services Classifications	
Plumbing and mechanical services assistant/ Plumbing and mechanical services sheet metal worker	90
Plumbing and mechanical services worker level 3	100
Plumbing and mechanical services tradesperson level 1	100
Plumbing and mechanical services tradesperson level 2	105.2
Plumbing and mechanical tradesperson - special class level 1	110
Plumbing and mechanical services tradesperson - special class level 2	115
Sprinkler Fitting Classifications	
Sprinkler Fitter Assistant	86.29
Sprinkler Fitting Tradesperson Level 2	105.2
Sprinkler Fitting Tradesperson – special class level 1	110
Sprinkler Fitting Tradesperson – special class level 2	115
Roofing Classifications	
Roof Plumber (possessing relevant Certificate III trade qualification)	105.2
Roof Plumber (fully competent to trade level)	100
Roof Plumber (trade assistant)	80
Lagging Classifications	
New Entrant/ Assistant	65
Lagger Class C	85
Lagger Class D	90
Tradesperson, Lagger, Sheet Metal Worker	100
Apprentices	
1st Year – Plumbing and Mechanical Stream	40
2nd Year – Plumbing and Mechanical Stream	55
3rd Year (also mature age 1st year, 2nd year and 3rd year) – Plumbing and Mechanical Stream	75
4th Year – Plumbing and Mechanical Stream	90
1st Year – Roofing Stream	40
2nd Year – Roofing Stream	60
3rd Year (also mature age 1st year, 2nd year and 3rd year) – Roofing Stream	80
1st Year – Fire Sprinkler Fitting	
2nd Year – Fire Sprinkler Fitting	
3rd Year (also mature age 1st year, 2nd year and 3rd year) – Fire Sprinkler Fitting	
4th Year – Fire Sprinkler Fitting	

Classification Definitions

For clarity, supervisors of employees engaged under the below classifications will be engaged in accordance with CW8 in this Document.

(a) **Plumbing and Mechanical Services**

Plumbing and mechanical services assistant/ Plumbing and mechanical services sheet metal worker

This classification incorporates, among other things, the following former classifications:

- Plumbing and mechanical services sheet metal worker level 1(a) new entrant under the age of 21 (after 12 months employees not offered an apprenticeship will be moved to Plumbing and Mechanical Services Worker level 1(b));
- Plumbing and mechanical services sheet metal worker level 1(b) (new entrant) over the age of 21;
- Plumbing and mechanical services worker level 2(a) (new entrant) - upon commencement in the industry;

- Plumbing and mechanical services worker level 2(b) - after three months in the industry (after three months in the industry or, for those translating from level 1, 3 months at level 2(a));
- Plumbing and mechanical services worker level 2(c) - after twelve months in the industry (after twelve months in the industry or, for those translating from level 1, following 12 months at level 2(b));
- Plumbing and mechanical services worker level 2(d) - upon fulfilling the substantive requirements of plumbing and mechanical services worker level 2(d).

This classification further incorporates where work is performed by a Trades Assistant "of an unskilled nature" as defined by the *Plumbing and Drainage Act 2002*, as amended and/ or replaced from time to time. Subject to any determination of the Plumbers and Drainers Board the parties to this Agreement define work of an unskilled nature to mean:

(a) Organising of tools;

(b) Painting of pipe;

(c) Carry pipe around the work site;

(d) Lay pipe out;

(e) Assist in measuring up;

(f) Concreting around pipes;

(g) Install penetration seals;

(h) Assist in fire rating;

(i) Clean up;

(j) Carry out other labouring tasks e.g. dig holes, loading and unloading material and equipment; and

(k) Pick up and deliver material and equipment to site.

A Plumbing and Mechanical Services Worker Level 2(d) is an employee who has fulfilled the substantive requirements of a Plumbing and Mechanical Services Worker Level 2(d) as detailed below. An employee at this level will have:

- For Plumbing and Mechanical Services workers - successfully completed a Services Stream Certificate (Plumbing and Mechanical Services) Level 1 consisting of 16 appropriate modules of structured training agreed to between the parties to this Agreement; or
- obtained equivalent skills gained through work experience subject to competency testing to the prescribed standard covering the same content as the above modules of training.

An employee at this level performs work above and beyond the skills of an employee at Plumbing and Mechanical Services Worker Level 2(c) and to the level of her/his training:

- Assists in the co-ordination of work in a team environment or works individually under general supervision.
- Is responsible for ensuring the quality of their own work.
- Exercises discretion within their level of skill and training.

- Has an understanding of the construction processes within the services stream.
- Assists in the provision of on-the-job training to a limited degree.
- Works from instructions and procedures.
- Implements basic fault-finding and problem-solving skills within the employee's sphere of work.
- Measures accurately for their area of operation.
- Works in a safe manner.
- Interacts harmoniously with employees of other companies on site or at the workplace.
- Adapts to a changing work environment.

The following indicative tasks which an employee at this level may perform are subject to the employee having completed the appropriate training to perform the particular task:

- Erect and dismantle scaffolding.
- Assist with rigging.
- Undertake basic oxy cutting.
- Execute shoring/trenching.
- Undertake site drainage and de-watering.
- Assisting one or more tradespersons.
- Safely handle waste.
- Use tools, plant and equipment requiring the exercise of skill and knowledge beyond that of an employee at Plumbing and Mechanical Services Worker Level 1(c).

Plumbing Mechanical Services Worker Level 3 (100%)

A Plumbing and Mechanical Services Worker Level 3 is an employee who has:

- successfully completed a Services Stream Certificate (Plumbing and Mechanical Services) Certificate 2 of formal structured training agreed to between the parties to this Document; or
- obtained equivalent skills gained through work experience subject to competency testing to the prescribed standards covering the content of the above agreed modules of training or
- Is a licensed Drainer.

Employee at this level performs work to the level of her/his training:

- Exercises good interpersonal communication skills.
- Exercises discretion within their level of training.
- Understands and applies quality control techniques.
- Performs work under general supervision either individually or in a team environment.
- Has knowledge of the four streams within the building and construction industry and how they inter-relate.
- Works in a safe manner.

- Having been given adequate written or verbal instruction, be able to control their own schedule of work and meet objectives with general supervision.
- Is capable of detailed measuring techniques.
- Interacts with and assists employees of other companies on site or at the workplace.
- Anticipates and plans for constant changes to the work environment.

The following indicative tasks which an employee at this level may perform are subject to the employee having completed the appropriate training to perform the particular task:

- Operating a laser when carrying out levelling.
- Read and interpret plans and specifications.
- Operate machinery and equipment.
- Assists with informal on-the-job guidance to other employees to a limited degree.
- Performs work for which a Drainers license is required.

Plumbing and Mechanical Services Tradesperson Level 1 (100%)

A Plumbing and Mechanical Services Tradesperson Level 1 is an employee who is not a licensed drainer or performing mechanical services pipe-work but perform work of a skilled trade nature for which registration with a recognised licensing authority is not required although the person may not be formally trade qualified and who is able to exercise the skill and knowledge of the relevant trade:

- Exercises good interpersonal and communication skills.
- Reads, interprets and applies information from plans.
- Understands and applies quality control techniques.
- Exercises discretion within the scope of this grade.
- Performs work under general supervision either individually or in a team environment.
- Is able to perform tasks safely and be able to identify hazards within their sphere of work.
- Assists with informal on-the-job guidance to a limited degree.
- Performs non-trade tasks incidental to their work.
- Has knowledge of the fields of work within the Plumbing and Mechanical Services sector of the services stream and how they relate to the other areas of the services stream.
- Performs work which, while primarily involving the skills of the plumbing and mechanical services trade, is incidental or peripheral to the primary task and facilitates the completion of the whole task. Such incidental or peripheral work would not require additional formal technical training.

The Plumbing and Mechanical Services Tradesperson Level 1 classification incorporates any worker working in any classification covered by the scope of this APPENDIX as it applied prior to this

Agreement who is not:

- Engaged on tasks purely of an unskilled nature.
- A Licensed Drainer.
- A Licensed Plumber.
- A Licensed Gasfitter.
- A Mechanical Plumber performing any Mechanical Services-Pipe work.
- Holding a trade certificate level 3 in a trade within the national plumbing training packages.

For clarity, this classification includes among other things, non-licensed persons performing irrigation plumbing, 'beer plumbing', water storage tank plumbing, installation of metal cladding, and pool plumbing.

Plumbing and Mechanical Services Tradesperson Level 2 (105.2%)

A Plumbing and Mechanical Services Tradesperson Level 2 is either:

- a Plumbing and Mechanical Services Tradesperson Level 1 who has successfully completed three appropriate modules within an approved skills package in addition to the training requirements of Plumbing and Mechanical Services Tradesperson Level 1; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level; or
- A person who holds a trade certificate level 3 within the national plumbing training packages relevant to work being performed under this Agreement; or
- A person who holds a trade certificate level 3 in Engineering – Fabrication.

A Plumbing and Mechanical Services Tradesperson Level 2 works above and beyond a Plumbing and Mechanical Services tradesperson at Level 1 and to the level of her/his training:

- Exercises the skills attained through completion of the training prescribed for this classification.
- Works under general supervision either individually or in a team environment.
- Understands and implements quality control techniques.
- Provides trade guidance and assistance as part of a work team.
- Exercises discretion within the scope of this grade.
- Has knowledge of occupational, health and safety requirements subject to the level of their training.
- Reads, interprets and applies information from plans.

For a Plumbing and Mechanical Services Tradesperson Level 2, the following indicative tasks which an employee at this level may perform are subject to the employee having the appropriate trade and post trade training to enable them to perform the particular tasks:

- Exercises skills involved in fabrication, assembly, installation, repair, maintenance, testing, modifying, fault finding, design or commissioning of systems such as water supply, sanitary, waste disposal and drainage, mechanical services including heating, ventilation and air conditioning, irrigation, roofing, gas fitting or gas consumer piping systems.

Where a skills package has been identified and approved by the CSQ Services Skills Advisory Committee as core skills possessed by plumbers within the construction industry within each field of work of the services stream then such skills shall be a perquisite for further progression under this career path.

Where an employee possesses less than half of the skills identified above the employer may require such employee to undertake gap training until such employee is competent within the field of work.

For clarity, this classification includes, among other things, licensed persons performing irrigation plumbing, 'beer plumbing', water storage tank plumbing, installation of metal cladding, and pool plumbing.

Plumbing and Mechanical Services Tradesperson Special Class Level 1 (110%)

A Plumbing and Mechanical Services Tradesperson - Special Class Level 1 is a Plumbing and Mechanical Services Tradesperson Level 2 who has successfully completed the following training requirements:

- has been assessed as a competent plumber within the relevant field of work; and
- three appropriate modules in addition to the training requirements of Plumbing and Mechanical Services Tradesperson Level 2; or
- the equivalent; or
- will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level; or

A Plumbing and Mechanical Services Tradesperson - Special Class Level 1 works above and beyond a Plumbing and Mechanical Services Tradesperson Level 2 and to the level of her/his training:

- Exercises the skills attained through completion of the training prescribed for this classification.
- Understands and implements quality control techniques.
- Provides trade guidance and assistance as part of a team.
- Exercises discretion within the scope of this grade.
- Works under limited supervision, either individually or in a team environment.
- Reads, interprets and applies information from plans.

The following indicative tasks which an employee at this level may perform are subject to the employee having the appropriate trade and post trade training to enable the employee to perform the particular indicative tasks:

- Exercises precision trade skills using various materials and/or specialised techniques.
- Schedule and plan work activity.
- Write brief reports on work activity.
- Have knowledge of the Australian Standards applying to their sphere of work.
- Recognise hazards associated with tasks in their field of work.
- For Plumbing and Mechanical Services Tradespersons, exercises skills involved in the fabrication, assembly, installation, repair, maintenance, testing, modifying, fault finding, design or commissioning of systems such as water supply, sanitary, waste disposal and drainage, mechanical services including heating, ventilation and air conditioning, irrigation, roofing, gas fitting or gas consumer piping systems.

Plumbing and Mechanical Services Tradesperson - Special Class Level 2 (115%)

A Plumbing and Mechanical Services Tradesperson - Special Class Level 2 is a Plumbing and Mechanical Services Tradesperson - Special Class Level 1 who successfully completed the following training requirements:

- three appropriate modules in addition to the requirements of Plumbing and Mechanical Services Tradesperson - Special Class Level 1; or
- equivalent; or
- will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level.

A Plumbing and Mechanical Services Tradesperson - Special Class Level 2 works above and beyond a Plumbing and Mechanical Services Tradesperson - Special Class Level 1 and to the level of her/his training:

- Exercises the skills attained through completion of the training prescribed for this classification.
- Provides trade guidance and assistance as part of a work team.
- Understands and implements quality control techniques.
- Works either independently within the skill level of the employee, or in a team environment with limited supervision.
- Reads, interprets and applies information from plans.

The following indicative tasks which an employee at this level may perform are subject to the employee having the appropriate trade and post trade training to enable the employee to perform the particular indicative tasks:

- Exercises high precision trade skills using various materials and/or specialised techniques.
- For Plumbing and Mechanical Services Tradespersons, exercises skills involved in the fabrication, assembly, installation, repair, maintenance, testing, modifying, fault finding, design or commissioning of systems such as water supply, sanitary, waste disposal and drainage, mechanical services including heating, ventilation and air conditioning, irrigation, roofing, gas fitting or gas consumer piping systems.

(b) **Sprinkler Fitting**

Sprinkler Fitting Assistant (86.29%)

The *Plumbing and Drainage Act 2003* limits work done by a Trades Assistant to work "of an unskilled nature". Subject to any determination of the Plumbers and Drainers Board the parties to this Agreement define work of an unskilled nature to mean:

(a) Organising of tools;

(b) Painting of pipe;

(c) Carry pipe around the work site;

(d) Lay pipe out;

(e) Assist in measuring up;

(f) Concreting around pipes;

(g) Install penetration seals;

(h) Assist in fire rating;

(i) Clean up;

(j) Carry out other labouring tasks e.g. dig holes, loading and unloading material and equipment; and

(k) Pick up and deliver material and equipment to site.

Sprinkler Fitting Tradesperson Level 2 (105%)

A Sprinkler Fitting Tradesperson Level 2 is a Sprinkler Fitting Tradesperson Level 1 who has successfully completed three appropriate modules in addition to the training requirements of Sprinkler Fitting Tradesperson Level 1; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level.

A Sprinkler Fitting Tradesperson Level 2 works above and beyond a Sprinkler Fitting Tradesperson at level 1 and to the level of her/his training.

(a) Exercises the skills attained through completion of the training prescribed for this classification.

(b) Works under general supervision either individually or in a team environment.

(c) Understands and implements quality control techniques.

(d) Provides trade guidance and assistance as part of a work team.

(e) Exercises discretion within their level of training.

(f) Has knowledge of occupational, health and safety requirements subject to the level of their training.

(g) Reads, interprets and applies information from plans.

The following indicative task which an Employee at this level may perform is subject to the Employee having the appropriate Trade and Post Trade training to enable them to perform the particular task:

- exercises the skills involved in the installation, repair, maintenance, testing, modifying, fault finding, design or commissioning of systems such as fire sprinkler systems, foam systems, deluge systems, C02 systems, pumps and pump control systems, hydrants, hose reels, combined systems or explosive suppression systems.

Sprinkler Fitting Tradesperson - Special Class Level 1 (110%)

A Sprinkler Fitting Tradesperson - Special Class Level 1 is a Sprinkler Fitting Tradesperson Level 1 who has completed the following training requirements successfully completed six appropriate modules in addition to the training requirements of Sprinkler Fitting Tradesperson Level 1; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level.

A Sprinkler Fitting Tradesperson - Special Class Level 1 works above and beyond a Sprinkler Fitting Tradesperson Level II and to the level of her/his training:

(a) Exercises the skills attained through completion of the training prescribed for this classification.

(b) Understands and implements quality control techniques.

(c) Provides trade guidance and assistance as part of a team.

(d) Works under limited supervision either individually or in a team environment.

(e) Reads, interprets and applies information from plans.

(f) Exercises discretion within their level of training.

The following indicative tasks which an Employee at this level may perform are subject to the Employee having the appropriate Trade and Post Trade training to enable the Employee to perform the particular indicative tasks:

- Exercises precision trade skills using various materials and/or specialized techniques.
- Schedules and plan work activity.
- Writes brief reports on work activity.
- Has knowledge of the Australian Standards applying to their sphere of work.
- Recognises hazards associated with tasks in their field of work.
- exercises skills involved in the installation, repair, maintenance, testing, modifying, fault finding, design or commissioning of systems such as fire sprinkler systems, foam systems, deluge systems, CO2 systems, pumps and pump control systems, hydrants, hose reels, combined systems or explosive suppression systems.

Sprinkler Fitting Tradesperson - Special Class Level 2 (115%)

A Sprinkler Fitting Tradesperson - Special Class Level 2 is a Sprinkler Fitting Tradesperson Level 1 who has completed the following training requirements successfully completed nine appropriate modules in addition to the requirements of Sprinkler Fitting Tradesperson Level 1; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level.

A Sprinkler Fitting Tradesperson - Special Class Level 2 works above and beyond a Sprinkler Fitting Tradesperson - Special Class Level 1 and to the level of her/his training:

(a) Exercises the skills attained through completion of the training prescribed for this classification.

(b) Provides trade guidance and assistance as part of a work team.

(c) Understands and implements quality control techniques.

(d) Works under limited supervision either individually or in a team environment.

(e) Reads, interprets and applies information from plans.

The following indicative tasks which an Employee at this level may perform are subject to the Employee having the appropriate Trade and Post Trade training to enable the Employee to perform the particular indicative tasks:

- exercises high Precision Trade Skills using various materials and/or specialised techniques;
- exercises skills involved in the installation, repair, maintenance, testing, modifying, fault finding, design or commissioning of systems such as fire sprinkler systems, foam systems, deluge systems, CO2 systems, pumps and pump control systems, hydrants, hose reels, combined systems or explosive suppressive systems.

Lagging New Entrant/ Assistant (65%)

An employee who does not meet the requirements of any other classification.

Lagger Class C (85%)

Is a worker who has completed 12 months within the industry and can carry out two of the below work classes with limited supervision and be credited with and carry out two of the above work classes.

- External insulation
- Internal insulation
- Chilled water insulation
- Acoustic insulation.

Lagger Class D (90%)

Is an employee who has 12+ months experience and who can carry out all of the above.

Tradesperson, Lagger, Sheet Metal Worker (100%)

Is an employee who can carry out and is accredited in all of the above work classes and manufactures and fits sheathing.

Adult Apprentices

Adult apprentices are apprentices who commence their apprenticeship at the age of 21 years or older.

Adult apprentices engaged under any of the classifications set out in clause 1 of this Appendix will be paid a minimum rate equal to the rate of pay for a third-year apprentice, for the first three years of the apprenticeship.

Apprentices: Plumber Competencies

For those plumbing apprentices that commence their employment during the life of this Agreement, they will have successfully gained the following nominated training outcomes in conjunction with the four-year term of their apprenticeship;

- General Induction for Construction
- Plumbers and Drainers Licence

- Senior First Aid
- Backflow Accreditation
- TMV Accreditation
- Scissor Lift and over 11 metre EWP Accreditation
- Manual Handling Awareness
- Confined Space.

Rates of Pay

Classification	Relativity to Tradesperson (%)	1/7/2018	1/7/2019	1/7/2020	1/7/2021	1/7/2022	1/7/2023
Plumbing & Mechanical Services Classifications							
Plumbing and mechanical services assistant/ Plumbing and mechanical services sheet metal worker	90	$41.55	$43.63	$45.81	$48.10	$50.50	$53.03
Plumbing and mechanical services worker level 3	100	$46.16	$48.47	$50.89	$53.44	$56.11	$58.91
Plumbing and mechanical services tradesperson level 1	100	$46.16	$48.47	$50.89	$53.44	$56.11	$58.91
Plumbing and mechanical services tradesperson level 2	105.2	$48.53	$50.96	$53.50	$56.18	$58.99	$61.94
Plumbing and mechanical tradesperson - special class level 1	110	$50.77	$53.31	$55.97	$58.77	$61.71	$64.80
Plumbing and mechanical services tradesperson - special class level 2	115	$53.06	$55.71	$58.50	$61.42	$64.49	$67.72
Sprinkler Fitting Classifications							
Sprinkler Fitter Assistant	86.29	$41.40	$43.47	$45.64	$47.93	$50.32	$52.84
Sprinkler Fitting Tradesperson Level 2	105.2	$48.53	$50.96	$53.50	$56.18	$58.99	$61.94
Sprinkler Fitting Tradesperson – special class level 1	110	$50.77	$53.31	$55.97	$58.77	$61.71	$64.80
Sprinkler Fitting Tradesperson – special class level 2	115	$53.06	$55.71	$58.50	$61.42	$64.49	$67.72
Roofing Classifications							
Roof Plumber (possessing relevant Certificate III trade qualification)	105.2	$48.53	$50.96	$53.50	$56.18	$58.99	$61.94
Roof Plumber (fully competent to trade level)	100	$46.16	$48.47	$50.89	$53.44	$56.11	$58.91
Roof Plumber (trade assistant)	80	$36.93	$38.78	$40.72	$42.75	$44.89	$47.13
Lagging Classifications							
New Entrant/ Assistant	65	$30.01	$31.51	$33.08	$34.74	$36.47	$38.30
Lagger Class C	85	$39.23	$41.19	$43.25	$45.41	$47.68	$50.07
Lagger Class D	90	$41.55	$43.63	$45.81	$48.10	$50.50	$53.03
Tradesperson, Lagger, Sheet Metal Worker	100	$46.16	$48.47	$50.89	$53.44	$56.11	$58.91
Apprentices (Except Roofing and Sprinkler Fitting)							
1st Year	40	$18.47	$19.39	$20.36	$21.38	$22.45	$23.57
2nd Year	55	$25.39	$26.66	$27.99	$29.39	$30.86	$32.40
3rd Year (also mature age 1st year, 2nd year and 3rd year)	75	$34.63	$36.36	$38.18	$40.09	$42.09	$44.20
4th Year	90	$41.55	$43.63	$45.81	$48.10	$50.50	$53.03

Apprentices (Roofing)							
1st Year	40	$18.47	$19.39	$20.36	$21.38	$22.45	$23.57
2nd Year	60	$27.70	$29.08	$30.54	$32.06	$33.67	$35.35
3rd Year (also mature age 1st year, 2nd year and 3rd year)	80	$36.93	$38.78	$40.72	$42.75	$44.89	$47.13
Apprentices (Sprinkler Fitting)							
1st Year		$23.98	$25.18	$26.44	$27.76	$29.15	$30.61
2nd Year		$26.40	$27.72	$29.11	$30.56	$32.09	$33.69
3rd Year		$35.92	$37.72	$39.60	$41.58	$43.66	$45.84
4th Year (also mature age 1st year, 2nd year and 3rd year)		$43.18	$45.34	$47.61	$49.99	$52.49	$55.11

1. Allowances

2. Employees Accepting Responsibility to Statutory Authorities

This allowance applies to employees within the classifications set out in SECTION TWO of this appendix.
An Employee who is required to act on their plumbers or gasfitters licence/s issued by an appropriate state authority will be paid an additional amount per week for each week of their employment whether or not they have in fact acted on such licence/s. Acting on one's licence will mean signing of notices, assuming responsibility to relevant authorities.

3. Compensation for Tools and Clothing

An Employee whose clothes, spectacles, hearing aid, or tools have been accidentally spoilt by acid, sulphur or other substances will be paid such amount to cover the loss thereby suffered by the employee as may be agreed upon between the employee and the employer.

An Employee will be reimbursed by the Employer to the maximum amount in APPENDIX ONE, SECTION FIVE for loss of tools or clothing by fire or breaking and entering whilst securely stored at the Employer's direction in a room or building on the Employer's premises, job or workshop, or if the tools are lost or stolen while being transported by the Employee at the employers' direction, or if the tools are accidentally lost over water or if tools are lost or stolen during an Employee's absence after leaving the job because of injury or illness. An Employee transporting their own tools will take all reasonable care to protect those tools and prevent theft or loss.

The parties agree that strict adherence on both sides regarding use and provision of storage facilities is to be adhered to. Compensation will not be applied where an Employee has not followed the Employer's clear instructions.

Where an Employee is absent from work because of illness or accident and has advised the Employer, the Employer will ensure that the Employee's tools are securely stored during their absence. In the event that these tools are lost or stolen, the amount payable for compensation for tools applies.

Reimbursements will be at the current replacement value of new tools of the same or comparable quality.

The Employee will report any theft to the police prior to making a claim on the Employer for replacement of stolen tools

4. Apprentices Training

In addition to provisions elsewhere in this Agreement at clause 18, Apprentices shall be paid all wages and allowances as specified by this Agreement whilst attending training including daily fares and travel. All time spent attending training in the course of the apprenticeship shall count as time served for all purpose.

5. Training

In addition to provisions elsewhere in this Document at clause 19, "All reasonable costs associated with training, including meals, accommodation and course fees will be paid by the Employer."

6. Public and Product Liability Insurance

The Employer will maintain Public and Product Liability insurance that adequately covers all employees for all aspects of their work, including work carried out for the employer under the individuals licence. Where the employer does not maintain adequate insurance, and a claim is made against an employee, the employer will indemnify the individual concerned.

7. Call Back

An Employee recalled to work overtime after leaving the Project site (whether notified before or after leaving the site) will be paid for a minimum of three hours work at the appropriate rates for each time they are so recalled. Except in the case of unforeseen circumstances arising the Employee will not be required to work the full three hours if the job or jobs they were recalled to perform is completed within a shorter period.

8. The Services Trades Queensland (STQ)

STQ is a partnership between the Plumbers Union Qld and the Services Trades sectors of:

- plumbing;
- air conditioning and mechanical services; and
- fire protection.

As represented by their respective employer associations:

- the Master Plumbers Association Queensland,
- the National Fire Industry Association Queensland; and
- Air Conditioning and Mechanical Contractors Association Queensland.

STQ's purpose is to advance the services trades sector through enabling innovative, needs based, leading edge solutions to training, industry leadership development, workplace health and safety, and Employee engagement particularly by enabling future orientated skills and competencies development. STQ's core business
s objectives are:

- increasing Services Trades sector competency and professionalism;
- improving worker career opportunities and satisfaction; and
- building the sector's workforce of the future.

The Employer agrees to support STQ by contributing for each Employee who is paid in accordance with this Agreement under the classifications set out in APPENDIX ONE SECTION TWO the weekly amount of:

From 1/07/2018	From 1/7/2019	From 1/7/2020	From 1/7/2021	From 1/7/2022	From 1/7/2023
$25.00	$30.00	$35.00	$40.00	$45.00	$50.00

For clarity, this amount is paid in addition to BEWT.
Contributions will continue to be paid on behalf of an Employee during any absence of paid leave (including periods on WorkCover (for the first 12-months), CIPQ and Q-Leave.
Contributions shall be calculated on a weekly basis paid monthly into the STQ Fund.
Contributions for new Employees shall commence from the first day of the first full pay week of employment whether working the full week or not. Contributions for Employees on termination shall be based on a payment for any commenced week.

The minimum employer contribution to STQ will be no less than for two Employees.

Upon signing this Agreement, the Employer will be liable to contribute an amount as specified in the trust deed on such dates as required.

3. SECTION THREE – Electrical Workers

This APPENDIX ONE, SECTION THREE reflects the Document of the Parties respondent to this Agreement in respect of, among other things, classifications and wage rates and for Electrical Workers. Refer to APPENDIX ONE, SECTION FIVE, for allowances, as the context requires.

Wages

COMMERCIAL CONSTRUCTION												
Grade	**1/07/2018**		**1/07/2019**		**1/07/2020**		**1/07/2021**		**1/07/2022**		**1/07/2023**	
	Weekly	**Hourly**	**Weekly**	**Hourly**	**Weekly**	**Hourly**	**Weekly**	**Hourly**	**Weekly**	**Hourly**	**Weekly**	**Hourly**
Electrical Worker Grade 1	$2,130.91	$66.44	$2,511.45	$69.76	$2,637.03	$73.25	$2,768.88	$76.91	$2,907.32	$80.76	$3,052.69	$84.80
Electrical Worker Grade 2	$2,197.47	$61.04	$2,307.34	$64.09	$2,422.71	$67.30	$2,543.85	$70.66	$2,671.04	$74.20	$2,804.59	$77.91
Electrical Worker Grade 3	$2,132.46	$59.24	$2,239.08	$62.20	$2,351.04	$65.31	$2,468.59	$68.57	$2,592.02	$72.00	$2,721.62	$75.60
Electrical Worker Grade 4	$2,002.78	$55.63	$2,102.92	$58.41	$2,208.06	$61.34	$2,318.47	$64.40	$2,434.39	$67.62	$2,556.11	$71.00
Electrical Worker Grade 5	$1,932.81	$53.69	$2,029.45	$56.37	$2,130.92	$59.19	$2,237.47	$62.15	$2,349.34	$65.26	$2,466.81	$68.52
Foreman Rate Grade 2	$1,890.05	$52.50	$1,984.55	$55.13	$2,083.78	$57.88	$2,187.97	$60.78	$2,297.37	$63.82	$2,412.24	$67.01
Foreman Rate Grade 1	$1,849.87	$51.39	$1,942.36	$53.95	$2,039.48	$56.65	$2,141.46	$59.48	$2,248.53	$62.46	$2,360.95	$65.58
Electrical Worker Grade 6	**$1,769.50**	**$49.15**	**$1,857.98**	**$51.61**	**$1,950.87**	**$54.19**	**$2,048.42**	**$56.90**	**$2,150.84**	**$59.75**	**$2,258.38**	**$62.73**
Electrical Fitter	$1,727.03	$47.97	$1,813.38	$50.37	$1,904.05	$52.89	$1,999.25	$55.53	$2,099.22	$58.31	$2,204.18	$61.23
Communication Technician	$1,679.23	$46.65	$1,763.19	$48.98	$1,851.35	$51.43	$1,943.92	$54.00	$2,041.11	$56.70	$2,143.17	$59.53
Electrical Worker Grade 7	$1,638.27	$45.51	$1,720.18	$47.78	$1,806.19	$50.17	$1,896.50	$52.68	$1,991.33	$55.31	$2,090.89	$58.08
Electrical Worker Grade 8	$1,552.04	$43.11	$1,629.64	$45.27	$1,711.12	$47.53	$1,796.68	$49.91	$1,886.51	$52.40	$1,980.84	$55.02
Electrical Worker Grade 9	$1,465.82	$40.72	$1,539.11	$42.75	$1,616.07	$44.89	$1,696.87	$47.14	$1,781.71	$49.49	$1,870.80	$51.97
Electrical Worker Grade 10	$1,379.59	$38.32	$1,448.57	$40.24	$1,521.00	$42.25	$1,597.05	$44.36	$1,676.90	$46.58	$1,760.75	$48.91
These rates include Tradesperson, mobility, construction, Leading hand a												
LIFT MECHANICS - ELECTRICAL & MECHANICAL												
Grade	**1/07/2018**		**1/07/2019**		**1/07/2020**		**1/07/2021**		**1/07/2022**		**1/07/2023**	
	Weekly	**Hourly**	**Weekly**	**Hourly**	**Weekly**	**Hourly**	**Weekly**	**Hourly**	**Weekly**	**Hourly**	**Weekly**	**Hourly**
Tuner - Level 1	$2,197.47	$61.04	$2,307.34	$64.09	$2,422.71	$67.30	$2,543.85	$70.66	$2,671.04	$74.20	$2,804.59	$77.91
Tuner - Level 2	$2,052.00	$57.00	$2,154.60	$59.85	$2,262.33	$62.84	$2,375.45	$65.98	$2,494.22	$69.28	$2,618.93	$72.75
Tuner - Level 3	$2,002.78	$55.63	$2,102.92	$58.41	$2,208.06	$61.34	$2,318.47	$64.40	$2,434.39	$67.62	$2,556.11	$71.00
Electrcian - Special Class	$1,932.81	$53.69	$2,029.45	$56.37	$2,130.92	$59.19	$2,237.47	$62.15	$2,349.34	$65.26	$2,466.81	$68.52
Mechanical Fitter - Special Class	$1,907.44	$53.04	$2,004.91	$55.69	$2,105.16	$58.48	$2,210.42	$61.40	$2,320.94	$64.47	$2,436.98	$67.69
Electrician	$1,769.50	$49.15	$1,857.98	$51.61	$1,950.87	$54.19	$2,048.42	$56.90	$2,150.84	$59.75	$2,258.38	$62.73
Mechanical Fitter	$1,727.03	$47.97	$1,813.38	$50.37	$1,904.05	$52.89	$1,999.25	$55.53	$2,099.22	$58.31	$2,204.18	$61.23
Trades Assistant	$1,638.27	$45.51	$1,720.18	$47.78	$1,806.19	$50.17	$1,896.50	$52.68	$1,991.33	$55.31	$2,090.89	$58.08
APPRENTICES												
Apprentices												
First Year	$973.23	$27.03	$1,021.89	$28.39	$1,072.98	$29.81	$1,126.63	$31.30	$1,182.96	$32.86	$1,242.11	$34.50
Second Year	$1,150.18	$31.95	$1,207.68	$33.55	$1,268.07	$35.22	$1,331.47	$36.99	$1,398.04	$38.83	$1,467.95	$40.78
Third Year	$1,327.13	$36.86	$1,393.48	$38.71	$1,463.16	$40.64	$1,536.31	$42.68	$1,613.13	$44.81	$1,693.79	$47.05
Fourth Year	$1,592.55	$44.24	$1,672.18	$46.45	$1,755.79	$48.77	$1,843.58	$51.21	$1,935.75	$53.77	$2,032.54	$56.46
Adult Apprentices												
First Year	$1,327.13	$36.86	$1,393.48	$38.71	$1,463.16	$40.64	$1,536.31	$42.68	$1,613.13	$44.81	$1,693.79	$47.05
Second Year	$1,415.60	$39.32	$1,486.38	$41.29	$1,560.70	$43.35	$1,638.73	$45.52	$1,720.67	$47.80	$1,806.70	$50.19
Third Year	$1,486.38	$41.29	$1,560.70	$43.35	$1,638.73	$45.52	$1,720.67	$47.80	$1,806.70	$50.19	$1,897.04	$52.70
Fourth Year	$1,592.55	$44.24	$1,672.18	$46.45	$1,755.79	$48.77	$1,843.58	$51.21	$1,935.75	$53.77	$2,032.54	$56.46

TRADES ASSISTANTS

a) All trades assistants will be paid (but not classified) in accordance with the provisions for electrical worker grade 4 as per this Agreement.

b) Trades assistants will not perform electrical work.

In addition to the allowances set out in Section 5 of this Appendix, the following allowances will apply to electrical workers:

Allowances – Lift Industry:

Leading Hand Allowance – All Purpose per hour	1/07/2018	1/07/2019	1/07/2020	1/07/2021	1/07/2022	1/07/2023
Less than 5 employees	$2.33	$2.45	$2.57	$2.70	$2.83	$2.98
More than 6 – less than 10	$2.91	$3.05	$3.21	$3.37	$3.54	$3.71
More than 10	$3.50	$3.67	$3.85	$4.05	$4.25	$4.46
AUSTEL Allowance – Per week	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00
Holder of a High-Risk Work Licence – Per Week	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00

Qualified Technical Person (QTP) Allowance

Any Electrical Mechanic who holds the qualifications eligible to be granted an Electrical Contractors' Licence, may be named as a QTP to an Electrical Contracting Company.

The QTP who is required to fulfil the role of endorsee to the Electrical Contracting Company and sign the appropriate paperwork, will be paid the following all-purpose allowance, per week:

1/07/2018	1/07/2019	1/07/2020	1/07/2021	1/07/2022	1/07/2023
$ 250.00	$ 262.50	$ 275.63	$ 289.41	$ 303.88	$ 319.07

The Employer will support the QTP in meeting their obligations under the *Electrical Safety Act.*

The QTP's role will include but not be limited to:

- Investigations of any near miss or incident involving electricity.
- Conduct random inspections of tradesman's work and oversee new tradesman work when they begin.
- Be involved with review and implementation of new testing and commissioning procedures and any other procedure that involves electricity.
- Setting up safe systems of work.

Safety Glasses
One pair of UV rated safety glasses or UV rated prescription lenses will be provided to employees who are required to work on reflective surfaces such as metal decking, large concrete slabs exposed to sunlight and roofing or curtain walling.

Employees who require them will provide, on commencement and during the term of their employment, prescription spectacles and lenses that meet the requirement of the Work Health and Safety Act and Regulations.

The Employer will reimburse the employee up to $400.00 for the cost of the employee providing prescription spectacles and lenses. The Employer must be provided with the original receipt of purchase prior to reimbursement. The spectacles and lenses shall be replaced on a fair wear and tear basis. However, lost or stolen spectacles must be replaced at the employee's expense.

The parties agree that appropriate eyewear will be worn at all times during working hours and that all items shall be kept clean and in good repair. Where a safety issue is identified the area under dispute shall be isolated (if considered dangerous by either party), barriers put up, suitable notices attached, and every effort should be made to solve the safety issue without any undue delay. Work may continue in all other areas, provided that there is no risk to health and safety in those areas, until a resolution on the issue is found.

Tools – Electrical Workers
Storage of Tools:

Suitable accommodation shall be provided for the preservation of the employee's tools and clothing. An electrical worker, whilst engaged on a construction site where they are unable to arrange suitable free storage accommodation for their tools, shall be provided with same by the Employer.

Provided further that, where an employee is absent from work because of illness or accident occurring during working hours, the Employer shall ensure that the employee's tools are either transported to the Employer's premises or are securely stored during their absence.

All employees shall be allowed such reasonable time as the Employer deems necessary during working hours on the last working day of each week to put their tools, benches and machines in order.

Compensation for Loss of Tools:

The Company is to provide a "tool list form" for completion by each employee on commencement. This form may be adjusted from time to time when the employee increases/decreases his tools.

Where the Company fails to provide the list as mentioned above the Company will be liable for all tools lost, as determined by the employee affected.

(i) Where tools are stored at a workplace:

Tools stored at a workplace at the direction of the Company and which are lost due to flood, fire or by breaking and entering whilst securely stored in a lockup on major construction sites, a site shed, building or workshop must be replaced by the Company provided that:

(a) the list of those tools has been previously provided to the Company and agreed with by the Company as necessary for work at that workplace; and

(b) the loss is reported to the police.

(ii) Where tools are stored in a Company vehicle:

Tools stored in a Company vehicle at the Company direction and which are lost due to flood, fire or by breaking and entering or by the vehicle being stolen must be replaced by the Company provided that:

(c) the employee has taken appropriate precautions to prevent the loss including locking the vehicle and any storage facilities on the vehicle; and

(d) the list of those tools has been previously provided to the Company and agreed with by the Company as necessary for work at that workplace; and

(e) the loss is reported to the police.

Tool replacement shall be based upon the same (or equivalent) standard and type to those declared under (i)(a) and (ii)(b).

However, if the Employer has requested the employee to supply a list of tools kept on the job and the employee has not supplied such a list the Employer's liability will be limited to a maximum amount of $1000.

Classifications – Electrical Workers (excluding Lift Industry Workers)

The percentage relativities referred to in Schedule 1 relate to percentages applying before the application of the first $8 arbitrated safety net adjustment made in accordance with the February and November 1994 Review of Wage Fixing Principles and payable under the November 1994 State Wage Case decision.

1.1 G1 - Electrical Worker Grade 1

(1) An Electrical Worker Grade 1 is a labourer not otherwise provided for in this Agreement, who is doing labouring work and employed as such.

1.2 G2 - Electrical Worker Grade 2 - 85% of Base Rate

(1) An Electrical Worker Grade 2 is an employee who is engaged in assisting a tradesperson, provided that such assistance shall not include the work of a tradesperson and

(a) Without limiting the scope of the work, an employee may perform unskilled tasks as directed to the level of their training;

(b) is an employee who is engaged in the clearance of vegetation in the vicinity of overhead power distribution lines.

1.3 G3 - Electrical Worker Grade 3

(1) An Electrical Worker Grade 3 is an employee who works under direction, may be required to perform the work of an Electrical Worker Grade 2; and

(a) without limiting the scope of the work, the employee may perform the work described below to the level of their training:
  (i) is engaged in storework; or
  (ii) is qualified and required to drive or operate the employer's machinery, plant or equipment incidental to their primary task or functions, including truck attendants; or
  (iii) inspects and tests fire alarm or security alarm equipment; or
  (iv) under the supervision of a tradesperson or electronics serviceperson;
    (1) installs radio, communications and related equipment including antenna; or
    (2) installs fire alarm or security alarm equipment; or
    (3) installs data and communication cabling
(b) provided that this person shall not undertake tasks requiring the skills of a tradesperson.

(2) Included in this Grade is the work of:

(a) Electronic Equipment Tester/Installer Level 1; and
(b) Purchasing clerk.

1.4 G4 - Electrical Worker Grade 4[1]

(1) An Electrical Worker Grade 4 is an employee who:

(a) has worked for not less than one year in the industry or holds the equivalent experience and without limiting the scope of the work and to the level of their training is an employee who:
  (i) is accredited to perform
    (1) scaffolding; or
    (2) rigging; or
  (ii) is directly in charge of an electrical store and responsible for materials, ordering and purchasing; or
  (iii) has worked for not less than one year as an Electrical Worker Grade 3 or has the equivalent experience in the installation of electronics equipment and who, under the minimum supervision of a tradesperson or electronics serviceperson;
    (1) installs radio, communications and related equipment including antenna; or
    (2) installs fire alarm or security alarm equipment or
    (3) installs, terminates and tests data, and communication cabling
  (iv) Inspects and tests fire alarms or security alarm equipment involving a range of responsibility beyond that of a Grade 3 Electrical Worker and works without assistance and supervision.
(b) Provided that this person shall not undertake tasks requiring the skills of a tradesperson.

[1] All trades assistants will be paid (but not classified) in accordance with the provisions for electrical worker grade 4 as per this Docu ment

(2) Included in this grade is the work of:

(a) Purchasing Clerk/Storeperson;
(b) Electronic Equipment Tester/Installer Level 2; and
(a) Alarm security testergrade 2.

1.5 G5 - Electrical Worker Grade 5

(1) An Electrical Worker Grade 5 is employed to use the skills acquired through the training specified below and is an employee who;

(a) who holds a trade certificate or tradesperson's rights certificate in an electrical trade; or
(b) has successfully completed an appropriate trade course or who has otherwise reached an equivalent standard of skills and knowledge in electronics; or
(c) has successfully completed an appropriate instrumentation trade course; or
(d) holds an appropriate electrical/refrigeration/air conditioning trade certificate; or
(e) has successfully completed an appropriate trade course in linework or cable jointing or who has otherwise reached an equivalent standard of skills and knowledge.

(2) Included in this grade is the work of:

(a) Electrical Fitter;
(b) Electrical Fitter (Instrumentation and Process Control);
(c) Electrical Mechanic;
(d) Alarm Security Technician Grade 1;
(e) Alarm Security Tester Grade 3;
(f) Television/radio/electronic Serviceperson/mechanic Level 1;
(g) Instrument Tradesperson Level 1;
(h) Refrigeration/Air-Conditioning Tradesperson Level 1; and
(i) Linesperson/Cable Jointer Level 1.

1.6 G6 - Electrical Worker Grade 6

(1) An Electrical WorkerGrade 6 is an Electrical Worker Grade 5 who in addition

(a) has successfully completed
  (i) 33% of the qualification specified for Grade 7; or
  (ii) equivalent structured in-house training relevant to the employer's business or enterprise as agreed betweenthe parties to theAgreement; or
(b) has acquired equivalent standard of skills as defined above as agreed between the parties to the Agreement through other means including a minimum of one years' experience as an Electrical Worker Grade 5.
(c) is employed to use the skills acquired through the training or experience specified.

(2) Included in this grade is the work of:

(a) Electrical Tradesperson Level 2;

(b) Television/Radio/Electronic Serviceperson Level 2;

(c) Instrument Tradesperson Level 2;

(d) Refrigeration/Air-Conditioning Tradesperson Level 2;

(e) Linesperson/Cable Jointer Level 2; and

(f) Alarm/Security Technician Grade 2.

1.7 G7 - Electrical Worker Grade 7

(1) An Electrical Worker Grade 7 is an Electrical Worker Grade 5 who:

(a) has successfully completed a Post Trade Certificate or has acquired the same standard of skills through other means including a minimum of 3 years' experience in the industry,

(b) is employed to use the skills acquired through the training and/or experience specified.

(2) Included in this grade is the work of:

(a) Alarm/Security Technician Grade 3;

(b) Communications Tradesperson - Special Class;

(c) Electrical Linesperson - Live Line;

(d) Electrician Special Class;

(e) Electronic Serviceperson Grade 3;

(f) Instrument Tradesperson - Complex Systems;

(g) Refrigeration/Air-Conditioning Mechanic or Serviceperson Grade 3; and

(h) Television/Radio/Electronic Serviceperson Grade 3.

1.8 G8 - Electrical Worker Grade 8

(1) An Electrical Worker Grade 8 is an Electrical Worker Grade 5 who:

(a) has successfully completed a Post Trade Certificate or "X%" of an Advanced Certificate or its equivalent and in addition has not less than 2 years' experience as an Electrical Worker Grade 7; and

(b) is employed to use the skills acquired through the training and/or experience specified.

(2) Included in this grade is the work of:

(a) Electronic Tradesperson;

(b) Instrumentation and Controls Tradesperson;

(c) Refrigeration/Air-Conditioning Mechanic or Serviceperson Grade 4; and

(d) Installation Inspector. [see clause 1.6 - Definitions]

1.9 G9 - Electrical Worker Grade 9

(1) An Electrical Worker Grade 9 is an Electrical Worker Grade 5 who:

(a) has successfully completed an appropriate Advanced Certificate or its formal equivalent; and

(b) is employed to use the skills acquired through the training and/or experience specified.

(2) Included in this grade is the work of:

(a) Alarm/Security Technician Grade 4;
(b) Electronic Serviceperson Grade 4;
(c) Television/Radio/Electronic Serviceperson Grade 4; and
(d) Refrigeration/Air-Conditioning Tradesperson Level 4.

1.10 G10 - Electrical Worker Grade 10

(1) An Electrical Worker Grade 10 is an Electrical Worker Grade 5 who:

(a) has successfully completed an appropriate Associate Diploma or its formal equivalent; and
(b) is employed to use the skills acquired through the training and/or experience specified.

(2) Included in this grade is the work of:

(a) Electrical Tradesperson Level 5;
(b) Television/Radio/Electronic Serviceperson Grade 4;
(c) Electronic Serviceperson Level 5;
(d) Instrument Tradesperson Level 5; and
(e) Refrigeration/Air-Conditioning Tradesperson Level 5.

2. Classification Definitions

2.1 "**Alarm/Security Technician Grade 1**" means a tradesperson employed to carry out repairs and maintenance of alarm/control panels, detectors, pumps, fire suppression signs, bells and other associated equipment in the industry of fire-alarm servicing.

In the industry of security servicing, the tradesperson is employed in the field of intruder alarm systems, closed circuit television, video or photographic systems and any external or internal security lighting devices, performing repairs and maintenance.

2.2 "**Alarm/Security Technician Grade 2**" means an Alarm/Security Technician Class I who is engaged on complex or intricate circuitry or both, the performance of which requires the use of "Additional knowledge" as defined below.

Additional knowledge may be acquired through a minimum of two-years on-the-job experience as a serviceperson, working on the company's installations and equipment.

2.3 "**Alarm/Security Technician Grade 3**" means an Alarm/Security Technician who:

(a) has not less than one-year of experience as such and who has satisfactorily completed an appropriate electronics post trades course;
(b) has not less than two-years' experience with the employer as such, and who possesses a thorough knowledge of the employer's company and processes and who is capable of servicing all the equipment associated with such company, and who is employed to maintain, test, modify services and/or repair complex and intricate electrical, electronic circuits or components, equipment, apparatus and/or devices used in industrial applications in the fire alarm/security systems industry, and for which the performance of such work requires a higher skill than required by a tradesperson employed on basic service work.

2.4 "**Alarm/Security Technician Grade 4**" means an Alarm/Security Technician Grade 3 who is engaged in applying their knowledge and skills to the tasks of repairing, maintaining, servicing, modifying, commissioning, fault finding and diagnosing various forms of systems which are electronically controlled by complex digital and/or analogue control systems utilising integrated circuitry. The application of this skill and knowledge would require an overall understanding of the operating principles of systems and equipment on which the tradesperson is required to carry out their tasks.

To be classified as an Alarm/Security Technician Grade 4, a tradesperson must have at least three-years on-the-job experience in electronic systems utilising integrated circuits, and in addition must have satisfactorily completed a post trades course in electronics equivalent to at least two-years part-time study.
In addition, to be classified as an Alarm/Security Technician Grade 4, a tradesperson must be capable of:

(a) Maintaining and repairing multi-function printed circuitry using circuit diagrams and test equipment.
(b) Working under minimum supervision and technical guidance.
(c) Providing technical guidance within the scope of the work described in this definition.
(d) Preparing reports of a technical nature on specific tasks or assignments as directed and within the scope of the work described in this definition.

2.5 "**Alarm/Security Tester Grade 1**" means a person employed to inspect and test alarm/control panels, fire suppression equipment, detectors, signs, bells, pumps and associated equipment in the industry of fire-alarm servicing. In the industry of security servicing, the "Alarm/Security Tester" is employed to inspect and test in the fields of intruder alarm systems, closed circuit television, video or photographic systems and any external security lighting devices and associated equipment.

In addition to those duties, the "Alarm/Security Tester" is capable of preparing written reports on the conditions, suitability and requirement for the abovementioned equipment. The Tester will be able to accurately identify faults in systems and report them expeditiously as required, as well as prepare reports detailing all requirements for the testing of systems in their test run.

2.6 "**Alarm/Security Tester Grade 2**" means an "Alarm/Security Tester" capable of testing any electrical system including but not limited to halon, CO2, ansul, emergency lighting, evacuation systems, all fire detection and suppression systems and associated equipment. The employee with minimal supervision and assistance will be able to interchange test runs and demonstrate the operation of systems to clients, insurers and appropriate personnel.

2.7 "**Alarm/Security Tester Grade 3**" means a person, or holder of industry recognised accreditation, which may be granted to persons who through industry experience, have gained the necessary skills, and are able to carry out all aspects of a Tester Grade 2 scope of work and are employed to carry out repairs and maintenance of alarm/control panels, detectors, fire suppression signs, bells and other ancillary associated equipment in the industry of fire alarm servicing, excluding authority provided power supplies or works on live side of isolating devices.

In the industry of security servicing, the person is employed in the fields of intruder alarm systems, closed circuit television, video or photographic systems and any external or internal security lighting devices, performing repairs and maintenance.

2.8 "**Communications Tradesperson- Special Class**" shall mean a Radio Mechanic, Electrical Fitter or an Electrical Mechanic, who is engaged on complex and/or intricate circuitry, the performance of which work requires the use of "additional knowledge" as defined.

For the purpose of this definition "additional knowledge" means knowledge in excess of that gained by the satisfactory completion of the appropriate technical college trade course which has been acquired by the tradesperson by virtue of their:

(a) having had not less than 2 years on-the-job experience as a tradesperson, working mainly on such complex and/or intricate circuitry as will enable them to perform such work unsupervised where necessary and practicable, and

(b) having, by virtue of either the satisfactory completion of an appropriate post trade course in electronics or the achievement of a comparable standard of knowledge by other means including the on-the-job experience referred to in clause 1.6.10(a), gained a sufficient comprehension of such complex or intricate circuitry work as will enable the tradesperson to examine, diagnose and modify systems comprising inter-connected circuits.

2.9 "**Electrical Fitter**" shall mean an employee who is mainly employed in the workshops manufacturing, fitting, and repairing electrical instruments, machines, and apparatus. Electrical fitting in this definition shall include armature and transformer winding, and people solely engaged in making and repairing instruments. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Licensing Board under the *Electricity Act 1994* shall be recognised as proof of efficiency.

2.10 "**Electrical Fitter (Instrumentation and Process Control)**" means an employee who is required to make and/or modify, test, install, adjust and repair, plant instrumentation involving process control equipment including instruments incorporating mechanical, pneumatic, hydraulic, electrical and electronic functions.

The legitimate possession of the appropriate certificate issued by the Electrical Licensing Board under the *Electricity Act 1994* shall be recognised as proof of efficiency.

2.11 **"Electrical Foreperson Grade 1"** means a suitably qualified Electrical Tradesperson, who is employed as Foreperson Grade 1 and is responsible for the successful completion of a project or projects in line with the schedule of work as programmed. Such employee could be reasonably expected to continue to use tools as required. In addition, a Foreperson Grade 1 could be required to supervise Leading Hands and other employees.

2.12 **"Electrical Foreperson Grade 2"** means a suitably qualified Electrical Tradesperson, who is employed as a Foreperson Grade 2 and who is given the responsibility for the successful completion of projects in line with the schedule of work as programmed. Such employee could be reasonably expected to continue to use tools as required. In addition, a Foreperson Grade 2 could be required to supervise Forepersons Grade 1, Leading Hands and other employees.

2.13 **"Electrical Labourer"** shall mean an employee, not otherwise provided for in this Agreement, who is doing work necessary for electrical work.

2.14 **"Electrical Mechanic**" shall mean an employee engaged in placing or affixing or running electrical conductors of all kinds and for all purposes from the point of supply to the point of utilisation, and also in the fixing inside of buildings and vehicles of all kinds of conduits and conductors. It shall include the erecting and connecting up of dynamos, motors, and switchboards, and the connecting up of all instruments and apparatus at the point of utilisation and supply for all purposes, including power, lighting, heating, and smelting, and safe working instruments, apparatus, telephones, bells, public address systems, wireless apparatus, meter fixing, connecting of meters, and the erection, overhauling and repairing of storage batteries and the assembling and renewing of finished parts, and the marking out and mounting of any switchboards, and the effecting of any repairs to electrical machines and appliances when it is necessary to carry out the work on the spot, or is incidental to such necessary work. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Licensing Board under the *Electricity Act 1994* shall be recognised as proof of efficiency.

2.15 **"Electrical Storeperson**" shall include an employee responsible for storing, receiving and issuing tools, parts and testing equipment in or in connection with an electrical, including radio and television, workshop and/or depot, but shall not include storepersons employed in any retail or wholesale establishment who receive, store or issue television, radio or electrical equipment and who are provided for in any other Agreement.

2.16 **"Electrical Tradesperson's Assistant"** shall mean an employee directly assisting a tradesperson.

2.17 "**Electronics Tradesperson**" means an electrical tradesperson working at a level beyond Electrician Special Class and who is mainly engaged in applying their knowledge and skills to the tasks of installing, repairing, maintaining, servicing, modifying, commissioning, testing, fault finding and diagnosing of various forms of machinery and equipment which are electronically controlled by complex digital and/or analogue control systems utilising integrated circuitry. The application of this skill and knowledge would require an overall understanding of the operating principles of the system and equipment on which the tradesperson is required to carry out their tasks.

To be classified as an Electronics Tradesperson a tradesperson must have at least three years on-the-job experience as a tradesperson in electronic systems utilising integrated circuits and in addition, must have satisfactorily completed a post trades course in electronics equivalent to at least two-years part time study.

In addition, to be classified as an electronics tradesperson a tradesperson must be required, as part of their duties, to:

(a) Maintain and repair multi-function printed circuitry of the type described in this definition using circuit diagrams and test equipment.
(b) Work under minimum supervision and technical guidance.
(c) Provide technical guidance to other tradespersons or to management within the scope of the work described in this definition.
(d) Prepare reports of a technical nature on specific tasks or assignments as directed and within the scope of the work described in this definition.

2.18 **“Fire-alarm Systems**" means the industry and trades which are concerned with the installation, repair, modification, maintenance, testing and servicing of fire alarms, detectors, fire-suppression signs, bells and associated equipment.

2.19 **"Installation Inspector**" shall mean an Electrical Mechanic who is employed by an Electrical Contractor or company which is principally engaged in providing independent installation inspections and who is qualified within the terms of the *Electricity Act 1994*, to act as an Installation Inspector and is employed as such. An Installation Inspector must have the following qualifications:

(a) Possess a certificate of competency as an Electrical Mechanic
(b) Has successfully completed a course conducted by the Department of Employment Vocational Education and Training at a TAFE College or approved skill centre comprising the following subjects:
    (i) AEL 223 - Electrical Installation Work.
    (ii) AEL 226 - Electrical Practices and Responsibilities.
    (iii) AEL 122 - Electrical Installation Testing.
(c) Has at least three-years recent experience in the Electrical Contracting Industry as an Electrical Mechanic or has at least three-years recent experience as an Installation Inspector with an Electricity Authority in Queensland.

2.20 “**Jointer"** shall mean an employee who is employed in jointing cables or sweating on lugs in connection with the installing and maintenance of underground or overhead distributing systems, and the running of feeders, mains and services up to the main fuse in consumers' premises. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Workers and Contractors' Board under the *Electricity Act 1994* shall be recognised as proof of efficiency.

2.21 **“Radio Mechanic**" shall mean an employee who is mainly employed to assemble and/or repair, and/or service, and/or install, and/or test radio receivers, and/or public address systems.

2.22 **"Refrigeration Mechanic or Serviceperson Grade I"** means a tradesperson employed to carry out installation, repairs, and routine maintenance of domestic, commercial and industrial refrigeration and air conditioning systems.

2.23 **“Refrigeration Mechanic or Serviceperson Grade 2"** means a Refrigeration Mechanic or Serviceperson Grade I who has had not less than one years’ experience as a tradesperson engaged on complex or intricate circuitry or both.

2.24 **"Refrigeration Mechanic or Serviceperson Grade 3"** means a Refrigeration Mechanic or Serviceperson Grade I who has had not less than two-years’ experience as a tradesperson, and possesses a sound working knowledge of refrigeration and air conditioning, electrical control systems to enable the employee to service, diagnose faults and repair domestic, commercial and industrial refrigeration, air conditioning systems under limited technical supervision.

In addition, to be classified as a Refrigeration Mechanic Grade III, the employee must demonstrate sufficient working knowledge of electronic controls as applied to refrigeration and air conditioning systems to enable the employee to identify faulty modules.

2.25 "**Refrigeration Mechanic or Serviceperson Grade 4**" means Refrigeration Mechanic or Serviceperson Grade I, who has had not less than three-years' experience on-the-job as a tradesperson and possesses a sound working knowledge of refrigeration and air conditioning electrical and electronic systems as to enable the employee to commission, service, diagnose faults and repair domestic, commercial and industrial refrigeration and air conditioning systems.

To be classified as a Refrigeration Mechanic Grade IV, the employee must have satisfactorily completed a two-year post trade course in Industrial Electronics.
In addition, to be classified as a Refrigeration Mechanic or Serviceperson Grade IV, a tradesperson may be required to carry out the following duties:

(a) Maintain and repair multi-function printed circuits using circuit diagrams and appropriate test equipment;
(b) Work under minimum supervision and technical guidance;
(c) Provide technical guidance within the scope of the work described in this definition; and
(d) Prepare reports of a technical nature on specific tasks or assignments as directed within the scope of the work described in this definition.

2.26 "**Security Alarm Systems**" means the industry and trades which are connected with the installation, maintenance, monitoring, controlling, repairing or testing of any electrical, electronic or acoustic equipment or device, or any combination thereof which includes any intruder alarm systems incorporating closed circuit television, video or photographic systems, electronic, electro-mechanic access control systems, any computer hardware systems and/or computer software including ancillary equipment or any external or internal lighting device used for any commercial, industrial, domestic or Governmental purpose.

2.27 **"Television Antenna Installer/Erector"** means an adult employee engaged in erecting and/or installing television and other electronic impulse transmitting and/or receiving antennae.

2.28 **"Television Mechanic"** shall mean an employee who is mainly employed to assemble and/or repair and/or service and/or test television receiving sets and/or parts.

Classifications – Electrical Lift Industry Workers

Classifications

It is the intention of the parties during the life of this Agreement that an appropriate classification system with minimum rates of pay for each classification will be agreed. This will include the assessment criteria to establish what is required to qualify for the classification level and the rate of pay assigned to that classification. Progression will be reliant upon a position being available at the company's discretion. An annual appraisal process will be developed and implemented to continuously assess employees against the criteria. Employees will be provided with training to advance to an available position and to maintain their competency at the attained level. Should anyone fall below the competency required for the classification level or they are no longer required to perform those tasks, they will drop to the rate below until such time as their competency level has increased again. Training will be provided to do this. Notwithstanding this, the classifications below will remain applicable for the life of the Document as will the rates of pay:

3.1 Trades Assistant[2] means a person who has not obtained a trade qualification and who is not an Apprentice but has less than two-years' experience working on the Installation, modernisation, repair and/or maintenance of lifts and escalators.

3.2 Fitter Qualified means a person who has trade qualifications in a relevant area but has less than two-years' experience working as a tradesman away from a workshop in the Lift Industry in connection with the installation, modernisation, repair and/or maintenance of lifts and escalators.

3.3 Fitter Special Class means a Fitter as defined in 1.2 above who has performed work away from a workshop In the Lift Industry in connection with the installation, modernisation, repair and/or maintenance of lifts and escalators for a period of more than two-years as a tradesman and has met the requirements of the Company's nominated skill and competency assessment process.

3.4 Electrician Licensed means a person who has obtained and maintains a current QLD or recognised reciprocal electrical licence but has less than two-years' experience working as a tradesman away from a workshop in the Lift Industry in connection with the installation, modernisation, repair and/or maintenance of lifts and escalators.

3.5 Electrician Special Class means a qualified electrician as defined in 3.4 above who has performed work away from a workshop in the Lift Industry in connection with the installation, modernisation, repair and/or maintenance of lifts and escalators for at least two years as a tradesman or has a post trade electronics qualifications or equivalent and has met the requirements of the Company's nominated skill and competency assessment process.

3.6 Tuner Grade 3 means a qualified electrician as defined in 3.4 above who as a regular part of their work carries out the final tuning, set-up and limited testing of new lifts and modernised lifts across a limited range of the Schindler product and has met the requirements of the Company's nominated skill and competency assessment process.

3.7 Tuner Grade 2 means a qualified electrician as defined in 3.4 above who as a regular part of their work carries out the final tuning, set-up and full testing of new lifts and modernised lifts across a limited range of the Schindler product and has met the requirements of the Company's nominated skill and competency assessment process.

3.8 Tuner Grade 1 means a .qualified electrician as defined in 3.4 above who as a regular part of their work carries out the final tuning, set-up and full testing and set-up of new lifts and modernised lifts across the entire range of the Schindler product and has met the requirements of the Company's nominated skill and competency assessment process.

[2] All trades assistants will be paid (but not classified) in accordance with the provisions for electrical worker grade 4 as p er this Document

4. SECTION FOUR – Metal and Engineering Workers

This APPENDIX ONE, SECTION FOUR reflects the Agreement of the Parties respondent to this Agreement in respect of, among other things, classifications and wage rates for Metal and Engineering Workers. Refer to APPENDIX ONE, SECTION FIVE, for allowances, as the context requires.

1. Classifications

The Classification levels for employees engaged under APPENDIX ONE SECTION FOUR shall be read in accordance with the Manufacturing and Associated Industries and Occupations Award 2010.
Wages for apprentices shall be calculated by applying a fixed percentage to the rates of specific trades as provided by the applicable award or order. Provided that the trade rate shall not include the hand tool or power tool allowances for the purposes of this calculation.

Wage Group:C14

(a) **Engineering/Manufacturing Employee—Level I**

(b) An Engineering/Manufacturing Employee—Level I is an employee who is undertaking up to 38 hours induction training which may include information on the enterprise, conditions of employment, introduction to supervisors and fellow workers, training and career path opportunities, plant layout, work and documentation procedures, occupational health and safety, equal employment opportunity and quality control/assurance.

(c) An employee at this level performs routine duties essentially of a manual nature and to the level of their training:

(i) performs general labouring and cleaning duties;

(ii) exercises minimal judgement;

(iii) works under direct supervision;

(iv) is undertaking structured training so as to enable them to work at the C13 level.

Wage Group:C13

(d) **Engineering/Manufacturing Employee—Level II**

An Engineering/Manufacturing Employee—Level II is an employee who has completed up to three months structured training so as to enable the employee to perform work within the scope of this level.

(e) An employee at this level performs work above and beyond the skills of an employee at the C14 level and to the level of their skills, competence and training:

(i) works in accordance with standard operating procedures and established criteria;

(ii) works under direct supervision either individually or in a team environment;

(iii) understands and undertakes basic quality control/assurance procedures including the ability to recognise basic quality deviations/faults;

(iv) understands and utilises basic statistical process control procedures;

(v) follows safe work practices and can report workplace hazards.

Wage Group:C12

(f) **Engineering/Manufacturing Employee—Level III**

An Engineering/Manufacturing Employee—Level III is an employee who has completed an Engineering Production Certificate I or Certificate II in Engineering or equivalent so as to enable the employee to perform work within the scope of this level.

(g) An employee at this level performs work above and beyond the skills of an employee at the C13 level and to the level of their skills, competence and training:

(i) is responsible for the quality of their own work subject to routine supervision;

(ii) works under routine supervision either individually or in a team environment;

(iii) exercises discretion within their level of skills and training;

(iv) assists in the provision of on-the-job training.

Wage Group:C11

Engineering/Manufacturing Employee—Level IV

(h) An Engineering/Manufacturing Employee—Level IV is an employee who has completed an Engineering Production Certificate II or Certificate II in Engineering—Production Technology or equivalent so as to enable the employee to perform work within the scope of this level.

(i) An employee at this level performs work above and beyond the skills of an employee at the C12 level and to the level of their skills, competence and training:

(i) works from complex instructions and procedures;

(ii) assists in the provision of on-the-job training;

(iii) co-ordinates work in a team environment or works individually under general supervision;

(iv) is responsible for assuring the quality of their own work.

Wage Group:C10

Engineering/Manufacturing Tradesperson—Level I

(j) An Engineering/Manufacturing Tradesperson—Level I is an employee who holds a trade certificate or tradespersons rights certificate or equivalent as an:

(i) Engineering Tradesperson (Mechanical)—Level I;

(ii) Engineering Tradesperson (Fabrication)—Level I;

(iii) Engineering Tradesperson (Sheet Metal);

(iv) Engineering Tradesperson (Insulation);

(v) or equivalent;

(vi) and is able to exercise the skills and knowledge of the engineering trade so as to enable the employee to perform work within the scope of this level.

(k) An Engineering/Manufacturing Tradesperson—Level I works' above and beyond an employee at the C11 level and to the level of their skills, competence and training:

(i) understands and applies quality control techniques;

(ii) exercises good interpersonal and communications skills;

(iii) exercises keyboard skills at a level higher than the C11 level;

(iv) exercises discretion within the scope of this classification level;

(v) performs work under limited supervision either individually or in a team environment;

(vi) operates lifting equipment incidental to their work;

(vii) performs non-trade tasks incidental to their work;

(viii) performs work which while primarily involving the skills of the employee's trade is incidental or peripheral to the primary task and facilitates the completion of the whole task, provided that such incidental or peripheral work does not require additional formal technical training;

(ix) inspects products and/or materials for conformity with established operational standards.

Wage Group:C9
Engineering/Manufacturing Tradesperson—Level II

(l) An Engineering/Manufacturing Tradesperson—Level II is an:

(i) Engineering Tradesperson (Mechanical)—Level II; or

(ii) Engineering Tradesperson (Fabrication)—Level II; or

(iii) equivalent.

who has completed the minimum training requirements specified in clause B.2.1 of Schedule B of the *Manufacturing and Associated Industries and Occupations Award 2010* or equivalent.

(m) An Engineering/Manufacturing Tradesperson—Level II works above and beyond a tradesperson at the C10 level and to the level of their skills and competence and training performs work within the scope of this level:

(i) exercises discretion within the scope of this classification;

(ii) works under limited supervision either individually or in a team environment;

(iii) understands and implements quality control techniques;

(iv) provides trade guidance and assistance as part of a work team;

(v) operates lifting equipment incidental to their work;

(vi) performs non-trade tasks incidental to their work.

Wage Group:C8
Engineering/Manufacturing Tradesperson—Special Class Level I

(n) An Engineering/Manufacturing Tradesperson—Special Class Level I means a:

(i) Special Class Engineering Tradesperson (Mechanical)—Level I; or

(ii) Special Class Engineering Tradesperson (Fabrication)—Level I; or

(iii) Equivalent.

who has completed the minimum training requirements specified in clause B.2.1 of Schedule B of the *Manufacturing and Associated Industries and Occupations Award 2010* or equivalent.

(o) An Engineering/Manufacturing Tradesperson—Special Class Level I works' above and beyond a tradesperson at the C9 level and to the level of their skills, competence and training performs work within the scope of this level:

(i) provides trade guidance and assistance as part of a work team;

(ii) assists in the provision of training in conjunction with supervisors and trainers;

(iii) understands and implements quality control techniques;

(iv) works under limited supervision either individually or in a team environment;

(v) operates lifting equipment incidental to their work;

(vi) performs non-trade tasks incidental to their work.

Wage Group:C7
Engineering/Manufacturing Tradesperson—Special Class Level II

(p) An Engineering/Manufacturing Tradesperson—Special Class Level II means a:

(i) Special Class Engineering Tradesperson (Mechanical)—Level II; or

(ii) Special Class Engineering Tradesperson (Fabrication)—Level II; or

(iii) Higher Engineering/Manufacturing Tradesperson; or

(iv) equivalent.

who has completed the minimum training requirements specified in clause B.2.1 of Schedule B of the *Manufacturing and Associated Industries and Occupations Award 2010* or equivalent.

(q) An Engineering/Manufacturing Tradesperson—Special Class Level II works above and beyond a tradesperson at the C8 level and to the level of their skills, competence and training performs work within the scope of this level:

(i) is able to provide trade guidance and assistance as part of a work team;

(ii) provides training in conjunction with supervisors and trainers;

(iii) understands and implements quality control techniques;

(iv) works under limited supervision either individually or in a team environment;

(v) operates lifting equipment incidental to their work;

(vi) performs non-trade tasks incidental to their work.

Wage Group:C6
Advanced Engineering Tradesperson—Level I

(r) An Advanced Engineering Tradesperson—Level I means an:

(i) Advanced Engineering Tradesperson (Mechanical)—Level I; or

(ii) Advanced Engineering Tradesperson (Fabrication)—Level I.

who has completed the minimum training requirements specified in clause B.2.1 of Schedule B of the *Manufacturing and Associated Industries and Occupations Award 2010* or equivalent.

(s) An Advanced Engineering Tradesperson—Level I works' above and beyond a tradesperson at the C7 level and to the level of their skills, competence and training performs work within the scope of this level:

(i) undertakes quality control and work organisation at a level higher than for the C7 level;

(ii) provides trade guidance and assistance as part of a work team;

(iii) assists in the provision of training to employees in conjunction with supervisors/trainers;

(iv) works under limited supervision either individually or in a team environment;

(v) prepares reports of a technical nature on specific tasks or assignments;

(vi) exercises broad discretion within the scope of this level;

(vii) operates lifting equipment incidental to their work;

(viii) performs non-trade tasks incidental to their work.

Wage Group:C5
Advanced Engineering Tradesperson—Level II

(t) An Advanced Engineering Tradesperson—Level II means an:

(i) Advanced Engineering Tradesperson (Mechanical)—Level II; or

(ii) Advanced Engineering Tradesperson (Fabrication)—Level II;

who has completed the minimum training requirements specified in clause B.2.1 of Schedule B of the *Manufacturing and Associated Industries and Occupations Award 2010* or equivalent.

(u) An Advanced Engineering Tradesperson—Level II works above and beyond a tradesperson at the C6 level and to the level of their skills, competence and training performs work within the scope of this level:

(i) provides technical guidance or assistance within the scope of this level;

(ii) prepares reports of a technical nature on tasks or assignments within the employee's skills and competence;

(iii) has an overall knowledge and understanding of the operating principle of the systems and equipment on which the tradesperson is required to carry out their task;

(iv) assists in the provision of on-the-job training in conjunction with supervisors and trainers;

(v) operates lifting equipment incidental to their work;

(vi) performs non-trade tasks incidental to their work.

Apprentices

While Apprentices' wage rates are nominally based on a percentage of the relevant all-purpose trade rate (C10) for the work on which they are engaged, as set out below, they will be paid in accordance with the tables in APPENDIX ONE SECTION FOUR of this Agreement:

(v) 1st Year 55%

(w) 2nd Year 65%

(x) 3rd Year 75%

(y) 4th Year 90%

Adult apprentices:

(z) **Adult** means any person who is 21 years of age or over at the time of commencing an apprenticeship.

(aa) While Adult Apprentices' wage rates are nominally based on a percentage of the relevant all-purpose trade rate (C10) for the work on which they are engaged, as set out below, they will be paid in accordance with the tables in APPENDIX ONE SECTION FOUR of this Document.

(i) 1st Year 75%

(ii) 2nd Year 80%

(iii) 3rd Year 84%

(iv) 4th Year 90%

Existing employees

(bb) **Existing employee** will mean a person who has been employed by the Employer in a calling, or classification, relevant to the apprenticeship or traineeship for at least three months immediately prior to becoming an apprentice or trainee with that Employer.

(cc) Existing employees may participate in apprenticeships and traineeships. An existing employee shall not be required to serve any probationary period in relation to their contract of employment or for the purposes of the *Training and Employment Act 2000*. A trial period, in accordance with Training Recognition Council Policy, may be set for the purpose of assessing the employee's suitability for training under a Training Contract. Where the employee proves to be unsatisfactory for training under a Training Contract, the person shall revert to employment at least equal in status to the classification held prior to the commencement of their Training Contract in accordance with subclause (hh).

(dd) Where existing employees commence an apprenticeship or traineeship, the Employer shall endeavour to minimise any adverse effects on other employees. Additionally, such other employees shall not be displaced from or disadvantaged in their employment by the engagement of new apprentices or trainees.

(ee) Existing employees shall not suffer a reduction in their ordinary hourly rate of pay by virtue of becoming an apprentice or trainee.

(ff) Provided that an existing employee who was engaged as a casual employee prior to becoming employed as a full-time or part-time apprentice or trainee shall not be entitled to retain casual loading.

(gg) An existing employee shall maintain continuity of employment despite having entered into an apprenticeship or traineeship.

(hh) Existing employees whose Training Contract is completed or cancelled shall revert to employment at least equal in status to the classification held prior to the commencement of their Training Contract.

Rates of Pay

Grade	1/07/2019		1/07/2020		1/07/2021		1/07/2022		1/07/2023	
	pw	ph	pw	ph	pw	ph	pw	ph	pw	Ph
C5 (130%)	$2,239.65	$62.23	$2,351.64	$65.33	$2,469.22	$68.60	$2,592.68	$72.02	$2,722.32	$75.62
C6 (125%)	$2,153.51	$59.83	$2,261.19	$62.81	$2,374.25	$65.96	$2,492.96	$69.25	$2,617.61	$69.80
C7 (115%)	$1,981.23	$55.04	$2,080.29	$57.79	$2,184.31	$60.69	$2,293.53	$63.71	$2,408.20	$66.90
C8 (110%)	$1,895.09	$52.65	$1,989.85	$55.28	$2,089.34	$58.05	$2,193.81	$60.94	$2,303.50	$63.99
C9 (105%)	$1,808.95	$50.25	$1,899.40	$52.76	$1,994.37	$55.41	$2,094.09	$58.17	$2,198.79	$61.08
C10 (100%)	$1,722.81	$47.86	$1,808.95	$50.25	$1,899.40	$52.77	$1,994.37	$55.40	$2,094.09	$58.17
C11 (92.4%)	$1,591.87	$44.22	$1,671.47	$46.43	$1,755.05	$48.76	$1,842.80	$51.19	$1,934.94	$53.75
C12 (87.4%)	$1,505.74	$41.83	$1,581.02	$43.92	$1,533.91	$46.12	$1,743.08	$48.42	$1,830.23	$50.84
C13 (82%)	$1,412.70	$39.25	$1,483.34	$41.21	$1,557.51	$43.27	$1,635.38	$45.43	$1,717.15	$47.70
C14 (78%)	$1,343.79	$37.33	$1,410.98	$39.20	$1,481.53	$41.16	$1,555.61	$43.21	$1,633.39	$45.37
First Year (55%)	$947.55	$26.32	$994.92	$27.64	$1,044.67	$29.02	$1,096.90	$30.47	$1,151.75	$31.99
Second Year (65%)	$1,119.83	$31.11	$1,175.82	$32.66	$1,234.61	$34.30	$1,296.34	$26.01	$1,361.16	$37.81
Third Year (75%)	$1,292.10	$35.90	$1,356.71	$37.69	$1,424.55	$39.58	$1,495.78	$41.55	$1,570.57	$43.63
Fourth Year (90%)	$1,550.53	$43.07	$1,628.06	$45.23	$1,709.46	$47.49	$1,794.93	$49.86	$1,884.68	$52.35
First Year (75%)	$1,292.10	$35.90	$1,356.71	$37.69	$1,424.55	$39.58	$1,495.78	$41.55	$1,570.57	$43.63
Second Year (80%)	$1,378.25	$38.29	$1,447.16	$40.20	$1,519.52	$42.22	$1,595.50	$44.32	$1,675.27	$46.54
Third Year (84%)	$1,447.16	$40.20	$1,519.52	$42.21	$1,595.50	$44.33	$1,675.27	$46.54	$1,759.04	$48.86
Fourth Year (90%)	$1,550.53	$43.07	$1,628.06	$45.23	$1,709.46	$47.49	$1,794.93	$49.86	$1,884.68	$52.35

Allowances

Welder – Special Class

(ii) An Engineering Tradesperson (Fabrication) or Engineering Tradesperson (Mechanical) employed as a C10 to C5 classification will be paid this allowance if the employee is:

(jj) Qualified, through passing the tests required (pre-employment and/or during employment on the respective Project), to weld to the satisfaction of the relevant regulatory authority to the requirements of the relevant Certificates 1-9 AS 1796, or welding standards of equivalent or greater testing integrity and who is engaged on work requiring such qualification; or

(kk) Qualified to the relevant regulatory standard and is required to perform pressure vessel welding or pipe welding.

Welder Special Class – Exotic Materials

(ll) An Engineering Tradesperson (Fabrication) or Engineering Tradesperson (Mechanical) employed as a C10 to C5 classification will receive this allowance if they are qualified, through passing the tests required by the employer, and remains so qualified, and is engaged on work requiring such qualification in relation to welding either alloy pipework to ASME-B31 standard, or pressure vessels and tanks to the relevant standards, in relation to the following materials:

(i) Stainless Steel (304, 310, 316 and 904 grade)

(ii) Aluminum

(iii) Chrome Molybdenum

(iv) Nine per cent (9%) Ni Steel

(v) A333 Grade 6

(mm) Such tests to be eligible for these allowances may be required prior to employment and during employment, on the Project, to ensure that qualifications are relevant and up to date.

(nn) This allowance only applies to Employees whose welds are recorded Non-Destructive Tested (NDT) for the time so worked.

Welder Tested

This allowance is payable to Engineering Tradesperson (Fabrication) or Engineering Tradesperson (mechanical) (C10 to C5 classification) who, because of the requirements of the employer, has met and remains capable of meeting a practical test, e.g. the relevant regulatory requirements for AS 1554SP. Some or all of these welds may be NDT treated.

5. SECTION FIVE - Allowances

This APPENDIX ONE, SECTION FIVE reflects the Document of the Parties respondent to this Document in respect of allowances for Construction Workers, Plumbing, Mechanical Plumbing, Sprinkler Fitting and Pipe Trades Workers, Electrical Workers and Metal and Engineering Workers as the context requires.

Engagement of more than one mobile crane

(a) Where more than one crane is engaged on any single lift the following additional payments shall be made:

(i) Where two mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

From 1/07/2018	From 1/07/2019	From 1/07/2020	From 1/07/2021	From 1/07/2022	From 1/07/2023
$4.21	$4.42	$4.64	$4.87	$5.11	$5.37

(ii) Where three mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

From 1/07/2018	From 1/07/2019	From 1/07/2020	From 1/07/2021	From 1/07/2022	From 1/07/2023
$8.10	**$8.50**	**$8.93**	**$9.37**	**$9.84**	**$10.33**

(iii) Where four mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

From 1/07/2018	From 1/07/2019	From 1/07/2020	From 1/07/2021	From 1/07/2022	From 1/07/2023
$12.45	**$13.07**	**$13.72**	**$14.41**	**$15.13**	**$15.89**

(iv) Where more than mobile four cranes are engaged the crane crew shall be paid at the following additional amount per lift:

From 1/07/2018	From 1/07/2019	From 1/07/2020	From 1/07/2021	From 1/07/2022	From 1/07/2023
$16.45	**$17.27**	**$18.13**	**$19.04**	**$20.00**	**$21.00**

Hourly allowances unless specified otherwise:

ALLOWANCE TITLE	From 1/07/2018	From 1/07/2019	From 1/07/2020	From 1/07/2021	From 1/07/2022	From 1/07/2023
Acid work	$2.47	$2.59	$2.72	$2.86	$3.00	$3.15
Asbestos	$1.18	$1.24	$1.30	$1.37	$1.44	$1.51
Asbestos eradication	$3.03	$3.18	$3.34	$3.51	$3.68	$3.87
Bagging	$0.86	$0.90	$0.95	$0.99	$1.04	$1.09
Bitumen	$1.18	$1.24	$1.30	$1.37	$1.44	$1.51
laying or lifting other than standard bricks Over 5kg but under 9kg	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Over 9kg but under 18kg	$1.69	$1.77	$1.86	$1.95	$2.05	$2.15
18kg and over	$2.35	$2.47	$2.59	$2.72	$2.86	$3.00
Certificate allowance	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Cleaning down brickwork	$0.87	$0.91	$0.96	$1.00	$1.05	$1.11
Cold work	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Computing quantities	$6.74	$7.08	$7.43	$7.81	$8.20	$8.61

ALLOWANCE TITLE	From 1/07/2018	From 1/07/2019	From 1/07/2020	From 1/07/2021	From 1/07/2022	From 1/07/2023
Confined spaces	$1.18	$1.24	$1.30	$1.37	$1.44	$1.51
Cutting tiles	$1.18	$1.24	$1.30	$1.37	$1.44	$1.51
Dirty work	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Dry polishing of tiles	$1.18	$1.24	$1.30	$1.37	$1.44	$1.51
Explosive power tools	$2.21	$2.32	$2.44	$2.56	$2.69	$2.82
First-aid attendant (minimum qualification) per day	$3.95	$4.15	$4.36	$4.58	$4.80	$5.04
Higher first aid cert. per day	$6.24	$6.55	$6.88	$7.22	$7.58	$7.96
Furnace work	$2.45	$2.57	$2.70	$2.83	$2.98	$3.12
Higher work- Painting trades	$0.87	$0.91	$0.96	$1.00	$1.05	$1.11
Hot work between 46-54 Degrees Celsius	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Exceeding 54 degrees	$1.18	$1.24	$1.30	$1.37	$1.44	$1.51
Insulation	$1.18	$1.24	$1.30	$1.37	$1.44	$1.51
Laser user and allowance per day	$3.87	$4.06	$4.26	$4.48	$4.70	$4.93
Living away from home allowance (per day)	$79.08	$83.03	$87.18	$91.54	$96.12	$100.92
Return trip transport Employee/tools (per return trip)	$31.49	$33.06	$34.71	$36.45	$38.27	$40.18
Leading hand (other than the lift industry) not more than 1	$0.72	$0.76	$0.80	$0.84	$0.88	$0.92
Leading hand (other than the lift industry) 2 and not more than 5	$1.57	$1.65	$1.73	$1.82	$1.91	$2.01
Leading hand (other than the lift industry) 6 and not more than 10	$2.00	$2.10	$2.21	$2.32	$2.43	$2.55
Leading hand (other than the lift industry) more than 10	$2.66	$2.79	$2.93	$3.08	$3.23	$3.39
Meal allowance	$19.37	$20.34	$21.36	$22.42	$23.55	$24.72
Multi-storey: commencement to 15th floor	$1.31	$1.38	$1.45	$1.52	$1.60	$1.68
Multi-storey: 16th to 30th	$1.56	$1.64	$1.72	$1.81	$1.90	$1.99
Multi-storey: 31st to 45th	$2.43	$2.55	$2.68	$2.81	$2.95	$3.10
Multi-storey: 46th to 60th	$3.14	$3.30	$3.47	$3.64	$3.82	$4.01
Multi-storey: 61st and onwards	$3.84	$4.03	$4.23	$4.44	$4.67	$4.90
Plaster or composition spray	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Power Tools	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Roof repairs	$0.86	$0.90	$0.95	$0.99	$1.04	$1.09
Roof repairs over 15 metres eaves pitch over 35 degrees	$1.18	$1.24	$1.30	$1.37	$1.44	$1.51
Roof repairs over 15 metres eaves pitch over 40 degrees	$1.68	$1.76	$1.85	$1.94	$2.04	$2.14
Second-hand timber per day	$3.66	$3.84	$4.03	$4.23	$4.45	$4.67
Slushing	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Spray application- Painters	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Swing scaffold first 4 hours 0-15 storeys	$6.74	$7.08	$7.43	$7.81	$8.20	$8.61
Swing scaffold after 4 hours 0-15 storeys	$1.41	$1.48	$1.55	$1.63	$1.71	$1.80
Swing scaffold first 4 hours 16-30 storeys	$8.68	$9.11	$9.57	$10.04	$10.55	$11.07
Swing scaffold after 4 hours 16-30 storeys	$1.83	$1.92	$2.02	$2.12	$2.22	$2.33
Swing scaffold first 4 hours 31-45 storeys	$10.27	$10.78	$11.32	$11.88	$12.48	$13.10

ALLOWANCE TITLE	From 1/07/2018	From 1/07/2019	From 1/07/2020	From 1/07/2021	From 1/07/2022	From 1/07/2023
Swing scaffold after 4 hours 31-45 storeys	$2.16	$2.27	$2.38	$2.50	$2.63	$2.76
Swing scaffold first 4 hours 46-60 storeys	$16.82	$17.66	$18.54	$19.47	$20.44	$21.47
Swing scaffold after 4 hours 46-60 storeys	$3.53	$3.71	$3.90	$4.09	$4.29	$4.51
Swing scaffold first 4 hours greater than 60 storeys	$21.45	$22.52	$23.65	$24.83	$26.07	$27.37
Swing scaffold after 4 hours greater than 60 storeys	$4.50	$4.73	$4.97	$5.21	$5.48	$5.75
Tool Allowance: Artificial stoneworker, Stonemason, Carpenter and/or Joiner, Carver, Letter cutter, Marble and Slate Employee, Marker and Setter Out, Plumber, Special Class Tradesperson, Electrical Worker	$2.33	$2.45	$2.57	$2.70	$2.84	$2.98
Tool Allowance : Caster, Fixer, Floor layer specialist, Plasterer, Tiler	$2.00	$2.10	$2.21	$2.32	$2.43	$2.55
Tool Allowance: Bricklayer, Waterproofer	$1.74	$1.83	$1.92	$2.02	$2.12	$2.22
Tool Allowance : Roof Tilers, Slate Ridge, or Roof Fixer	$1.33	$1.40	$1.47	$1.54	$1.62	$1.70
Tool Allowance: Scaffolder, Rigger, Steelfixer,Concreter	$0.86	$0.90	$0.95	$0.99	$1.04	$1.09
Tool Allowance: Painter, Glazier, Licensed Drainer, Signwriter	$0.76	$0.80	$0.84	$0.88	$0.93	$0.97
Towers allowance	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Toxic substances working in close proximity	$1.18	$1.24	$1.30	$1.37	$1.44	$1.51
Toxic substances (working with)	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Underground allowance (per week	$20.02	$21.02	$22.07	$23.17	$24.33	$25.55
Underground allowance per day or shift or part thereof	$4.03	$4.23	$4.44	$4.66	$4.90	$5.14
Wet concrete or campo	$0.86	$0.90	$0.95	$0.99	$1.04	$1.09
Wet work	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Travelling outside radial areas (per Km)	$0.76	$0.80	$0.84	$0.88	$0.93	$0.97
Transfers during working hours (per Km)	$1.37	$1.44	$1.51	$1.59	$1.67	$1.75
Compensation for tools	$2,493.40	$2,618.07	$2,748.97	$2,886.42	$3,030.74	$3,182.28

The allowances in the below table are cumulative all-purpose allowances paid per hour in accordance with this Document

Power Tools	$0.94	$0.99	$1.04	$1.09	$1.15	$1.20
Tradesperson Tool	$2.33	$2.45	$2.57	$2.70	$2.84	$2.98
Tradesperson	$3.12	$3.28	$3.44	$3.61	$3.79	$3.98
Welder Tested	$1.35	$1.42	$1.49	$1.57	$1.65	$1.73
Welder – Special Class	$2.36	$2.48	$2.60	$2.73	$2.87	$3.01
Welder – Special Class Exotic Materials	$4.14	$4.35	$4.57	$4.80	$5.04	$5.29

Health and Safety Representative

(a) Where an Employee is elected by Employees of the Employer as a HSR, and agrees to undertake the required training to fulfil the role, the Employee will be classified as the higher of CW4 / EW4 (as the context requires), or the Employee's usual classification. In addition, a HSR is entitled to an all-purpose hourly allowance of:

From 1/07/2018	From 1/07/2019	From 1/07/2020	From 1/07/2021	From 1/07/2022	From 1/07/2023
$2.28	$2.39	$2.51	$2.63	$2.77	$2.91

For clarity, an Employee is only entitled to one all-purpose hourly allowance.

Marker/Setter Out

An employee performing the work of a marker/setter out shall be paid an all-purpose allowance of 5% of his/her applicable hourly rate.

Higher Duties

Where any Employee on any day performs two or more classes of work to which different rates of pay are applicable, the Employee shall be paid at the higher hourly rate for the day if the Employee is required to work at that class of work for two (2) hours or more, and if for less than two (2) hours during any one (1) day the Employee will be paid the higher rate for the time so worked.

Union Delegate

(a) Where an Employee is elected by Employees of the Employer as a Union Delegate, and the Union notifies the Employer of this election, the Employee will be classified as the higher of CW4 / EW4 (as the context requires), or the Employees usual classification.

In addition, a Union Delegate is entitled to an all- purpose hourly allowance of:

From 1/07/2018	From 1/07/2019	From 1/07/2020	From 1/07/2021	From 1/07/2022	From 1/07/2023
$2.28	$2.39	$2.51	$2.63	$2.77	$2.91

For clarity, an Employee is only entitled to one all-purpose hourly allowance. Notwithstanding, no Union Delegate will suffer a reduction in pay as a result of the implementation of this clause.

In addition to the wage rates prescribed in this Document, Employees shall be paid additional allowances as provided for by the relevant Award. The rates for the various allowances shall be as provided below subject to the allowance for the year 2023 being the sole allowance increase for that year.

The rates for all allowances shall be payable from the commencement of the first pay period after the dates specified.

Fares and Travel Allowance

All Employees shall be entitled to receive the fares and travel allowance in accordance with clause 25 of their Award, which is at the following rates for Construction Workers:

Daily Entitlement

From 1/07/2018	From 1/07/2019	From 1/07/2020	From 1/07/2021	From 1/07/2022	From 1/07/2023
$51.00	$51.00	$55.00	$55.00	$60.00	$60.00

Apprentices shall receive the following percentage of the amount detailed above:

1st Stage	2nd Stage	3rd Stage	4th Stage
75%	85%	90%	95%

Leading Hand

A leading hand is an Employee who is given by the Employer, or the Employer's agent, the responsibility of directing and/or supervising the work of one or more other persons. A person specifically appointed to be a leading hand, will be paid for all purposes, the leading hand allowance appropriate for the number of persons in the Employee's charge. Additionally, a leading hand will be paid at the hourly rate of the highest classification supervised or the Employee's own hourly rate, whichever is the highest.

Living Away from Home Allowance

(a) Where an Employee is engaged on distant work, the provision of reasonable board and lodgings will be supplied by the Employer, at no cost to the Employee.

(b) Reasonable board and lodging means, a minimum of three adequate meals per day, and a single room (not shared) which is quiet with air conditioning/heating, suitable ventilation, comfortable and clean bedding, appropriate lighting and furnishings, an ensuite with a toilet, shower and basin both with running hot and cold water, a television and tea and coffee making facilities. All facilities must be clean and fully functioning.

(c) Where reasonable board and lodging are not available, the Employer and the Employee may agree to alternative arrangements, provided that the Employee is not placed in a financial disadvantage as a result of the alternative arrangement.

(d) Where an Employee is engaged on distant work, the Employer will pay the Employee, in addition to all other entitlements, a daily allowance as provided by APPENDIX ONE.

(e) Employees rostered for distant work must be notified in writing by the Employer. The Employer will endeavour to ensure that no Employee will be required to work on distant work for more than 14 consecutive days or have less than 7 consecutive days between engagements on distant work.

(f) An Employee may refuse to work in circumstances where the working would result in the Employee working hours which are unreasonable having regard to matters including:

(i) any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

(ii) the Employee's personal circumstances including any family responsibilities;

(iii) the needs of the workplace or enterprise;

(iv) the notice (if any) given by the Employer, and by the Employee of his or her intention to refuse it; and

(v) any other relevant matter

All time spent by Employees travelling to and from distant work will be paid as if worked during the time the travel is taken.

Power Tools

Where an Employee is specifically required to supply their own power tools (maximum of three commercial quality power tools plus a lead) by the Employer, the Employer will be responsible for all consumables and tagging and will replace all stolen tools if in an Employer lock up. Where the Employer requires the Employee to lend a power tool to another Employee, the Employer is deemed to have taken ownership of the tool and will replace the tool with a new tool of the same brand and model or an agreed alternative. The Employer will pay the rate per hour as detailed in APPENDIX ONE of this Agreement.

APPENDIX 2 – REDUNDANCY AND INCOME PROTECTION

1. Section 1 - All Employees Other Than Electrical Workers

1. This APPENDIX TWO, SECTION ONE, applies to all Employees other than Electrical Workers.

   Note: this APPENDIX TWO, SECTION ONE applies to Metal and Engineering Workers subject to clause 12 below.

2. The Employer will contribute the following amounts (including GST) per week to CIPQ in respect of each of its Employees for, or on account of, the premium insuring income protection for each of those Employees:

   (a) from 1 March 2019 - $39.30.

3. The income protection policy provided by the Employer will provide the following amounts as weekly benefits in the event of a claim:

   (a) from 1 March 2019 -$1600.

4. If CIPQ decides that a higher weekly rate per Employee must be paid or provided, the Employer must pay that higher rate as and from the date CIPQ determines. Payment at the rate specified under this clause 4 above from the date determined by CIPQ will satisfy the Employer's obligations under clause 3 above.

5. If the Employer does not contribute to CIPQ the amount required under clause 4 above in respect of each and every Employee, the Employer will pay an additional $1,500 per week on top of what benefit the policy provides and also reimburse the Employee for costs (i.e. medical expenses, claims management and rehabilitation expenses) incurred by the Employee, for a period of three years in the event that an Employee is unable to make a claim because of the non-payment by the Employer.

6. Where applicable, the Employer will utilise BERT to meet all of the liabilities for Redundancy payments and further to ensure that an amount equal to the credit balance of the Employee's account in the Employee's Redundancy fund is paid to the Employee when the Employee is entitled to that payment pursuant to the terms of the Employee's Redundancy fund.

7. The Employer will contribute on behalf of each Employee the following minimum weekly amount:

   (a) $110.00 per Employee effective first pay period January 2018;

   (b) $115.00 per Employee effective first pay period January 2019;

   (c) $120.00 per Employee effective first pay period January 2020;

   (d) $125.00 per Employee effective first pay period January 2021;

   (e) $130.00 per Employee effective first pay period January 2022; and

   (f) $135.00 per Employee effective first pay period January 2023.

8. At the same time contributions are made to the Employee's Redundancy fund, the Employer must pay to the Trustee of the Building Employees Welfare Trust (BEWT) or other similar fund nominated by the Union an amount equal to the following:

   (a) $14.20 per Employee effective first pay period January 2018;

   (b) $14.90 per Employee effective first pay period January 2019;

(c) $15.60 per Employee effective first pay period January 2020;

(d) $16.30 per Employee effective first pay period January 2021;

(e) $17.00 per Employee effective first pay period January 2022; and

(f) $17.70 per Employee effective first pay period January 2023.

Apprentice contributions shall be calculated using the following percentage of the trade rate:

1st Stage	2nd Stage	3rd Stage	4th Stage
50%	60%	75%	90%

9. Contributions will continue to be paid on behalf of an Employee during any absence on paid leave such as annual leave, long service leave (including leave paid for by QLeave or NTBuild), public holidays, sick leave, family violence leave and compassionate leave. The Employer shall also be required to make contributions while an Employee is absent from work and is claiming Workers' Compensation for a maximum period of 12 months.
10. Where the Employee's balance in the Employee's Redundancy fund reaches $15,000.00 or an amount that equals 10 weeks' wages, the Employee will have the option to continue to have contributions paid to their Redundancy fund or redirected to CBUS or BUSS(Q). It is the Employee's option only. Where an Employee exercises (or has exercised) this option, his or her Redundancy entitlement will be deemed met for all current and future entitlements arising from the current employment engagement.
11. Contributions to the Employee's Redundancy fund must be made, at a minimum, on a monthly basis. Details of the Employer's contribution for each month including when contribution was made and for how much, are to be shown on the Employee's wage statement by the end of the second week of each subsequent month.
12. This APPENDIX TWO, SECTION ONE applies to Metal and Engineering Workers subject to the following:

    (a) Income protection policy will be provided by WAGEGUARD and as such the Employer will make contributions to WAGEGUARD; and

    (b) The relevant redundancy fund is PROTECT.

2. Section 2 - Redundancy Trust Scheme (CIRT) QLD for Electrical Workers

1. This APPENDIX TWO, SECTION TWO, applies only to Electrical Workers.

DEFINITIONS

For the purposes of this Section Two:

"Authorised leave" shall include periods away from work on:

i. Annual leave;

ii. Paid sick leave;

iii. Family leave;

iv. Bereavement leave;

v. Public holidays;

vi. Long service leave;

vii. Parental leave;

viii. Income protection;

ix. Rostered days off;

x. WorkCover;

xi. Any leave which is paid for by the Employer;

xii. Any leave pursuant to this Document, other than unpaid leave as provided in clause 6.10; and

xiii. Any leave pursuant to the National Employment Standard, as set out in the Act, but shall not include any periods of continuous unpaid leave (and so that there can be no doubt continuous unpaid leave is a form of leave which does not fall into one of the categories set out as (i) to (xiii)) greater than 20 days leave taken at one time.

"Date of Certification" means the date of certification of this Agreement.

"Redundancy" for the purposes of this clause means where the Company no longer requires the work which the Employee has been performing to be performed by anyone and this leads to termination of employment, but redundancy does not include:

i. termination by the Employee by voluntary resignation, retirement, death or permanent disability or abandonment; or

ii. termination by the Company for disciplinary reasons.

"Redundancy Fund" means an approved employee entitlement fund such as the Contracting Industry Redundancy Trust (Queensland);

"Pay period" shall mean the period of not more than seven-days over which an Employee's entitlement to remuneration is accrued.
It is specifically agreed between the Company and the Employees that there will be no action taken to contrive redundancy where situations of genuine redundancy do not exist.

REDUNDANCY PAYMENTS

(a) All Employees, inclusive of casuals, are entitled to redundancy benefits through payments made by the Employer to Redundancy Fund ("the Redundancy Fund payment") by the Company on their behalf. All contributions paid in accordance with the provisions of this clause will be paid on a monthly basis.

(b) The entitlement to the Redundancy Fund payment for a pay period shall arise when the Employee has worked 19 hours or more during a pay period provided that all periods of authorised leave are to be treated in the same manner as if the Employee concerned had worked during the period of authorised leave.

(c) In circumstances where an Employee's entitlement to the Redundancy Fund payment arises whilst the Employee is on authorised leave then the Redundancy Fund payment shall be made in the same quantum as the Redundancy Fund payment paid by the Company in relation to the Employee for the pay period immediately preceding the commencement of the authorised leave.

(d) The Company shall at the time of termination:

(i) provide a Redundancy Fund "certificate of employment" to the Employee with the Employee's termination payment, within four-working days;

(ii) ensure all contributions owing to Redundancy Fund in relation to the Employee are paid up to date; and

(iii) complete a certificate of employment on the form provided by Redundancy Fund to certify the length of the Employee's employment with the Company and to forthwith forward that certificate to Redundancy Fund.

(e) When an Employee's employment is terminated by the Company on account of redundancy the Company shall pay to the Employee a lump sum that equals the amount the Company is obliged to pay pursuant to the relevant industrial instrument in regard to redundancy less any credits in the Employee's account in Redundancy Fund, provided that if the Company's obligation in relation to redundancy pursuant to the relevant industrial instrument is equal to or less than the credits in the Employee's account in Redundancy Fund, then the Company shall not be liable for any further payments in relation to redundancy pursuant to this Clause.

(f) All Redundancy Fund payments must be paid to Redundancy Fund on or before the 15th of each month.

(g) The Redundancy Fund payment shall be deemed to be inclusive of tax payments (if any) required to be made in relation to Fringe Benefits Taxation.

(h) The Employer will contribute on behalf of each Employee the following minimum weekly amount:

(i) $110.00 per Employee effective first pay period January 2018;

(ii) $115.00 per Employee effective first pay period January 2019;

(iii) $120.00 per Employee effective first pay period January 2020;

(iv) $125.00 per Employee effective first pay period January 2021;

(v) $130.00 per Employee effective first pay period January 2022; and

(vi) $135.00 per Employee effective first pay period January 2023.

Apprentice contributions for the Redundancy payment shall be calculated using the following percentage of the trade rate:

1st Stage	2nd Stage	3rd Stage	4th Stage
50%	60%	75%	90%

TRAINING PAYMENT

(a) The Company shall make payments to Jetco Inc for the purposes of providing training funds for employees for skills within the Queensland Electrical Contracting Industry ("the training contribution").

(b) The training contribution shall be a total amount being the sum of $15.00 per pay period per Employee, inclusive of casuals but excluding apprentices/trainees, employed by the Company who have worked 19 hours or more in the pay period concerned.

(c) For the purposes of (b) all periods of authorised leave are to be treated in the same manner as if the Employee concerned had worked during the period of authorised leave.

(d) The training contribution is part of, and not in addition to, the payments provided for in the wage and other remuneration clause of a Division under the heading "Redundancy/Training".

(e) The training contribution is to be made to Jetco Inc on or before the 15th of each month.

(f) The maximum training contribution inclusive of tax payments (if any) required to be made in relation to Fringe Benefits Taxation will be $15 per pay period per employee.

(g) No Employee shall, pursuant to this clause, be entitled to receive any payment from the Company directly or indirectly, provided that Employees shall be entitled, subject to Jetco Inc's Document, to recover from Jetco Inc reimbursement of approved training costs.

JETCO

Jetco Inc's purpose is to advance the electrical trades sector through enabling innovative, needs based, leading edge solutions to training, industry leadership development, workplace health and safety, and employee engagement particularly by enabling future orientated skills and competencies development. Jetco Inc's core business objectives are:

- increasing the electrical trades sector competency and professionalism;
- improving worker career opportunities and satisfaction; and
- building the sector's workforce of the future.

The Employer agrees to support Jetco Inc by contributing for each Employee who is paid in accordance with this Document under the classifications set out in this Section of Appendix 2, the weekly amount of $40 per week.

For clarity, this amount is paid in addition to ALL PAYMENTS set out above.

Contributions will continue to be paid on behalf of an employee during any period of authorised leave.

Administrative Arrangements

The Company shall, for administrative purposes only, remit the Redundancy Fund payment and the training payments referred to in this Appendix as one sum of money, and a receipt shall be a sufficient receipt for determining compliance.

INCOME PROTECTION

To provide make up pay for any absence without pay due to the incapacitation of the employee, the Company will contribute an "Employer's Contribution" amount as outline in the table below (or such other amount as determined by the provider) per week to provide Income Insurance on the basis:

a) the amount will not be paid directly to the employee;
b) The level of insurance will ensure the employee receives 90% of their income, as defined in the Energy Super Insurance Guide;
c) the premium will only be paid into Income Protection for Electrical Workers as administered by Energy Super, monthly, in alignment with superannuation payments.

Category & Description	Year from:	Year To:	Benefit Level (per week)[1, 2] (Gross)	Employer's Contribution[2]
Category A	1 April 2018	1 April 2019	$4,221.47	$70.92
Category B	1 April 2018	1 April 2019	$2,814.13	$39.39
Category C	1 April 2018	1 April 2019	$2,251.31	$31.52
Category D	1 April 2018	1 April 2019	$1,688.48	$23.64
Category E	1 April 2018	1 April 2019	$1,406.79	$17.72
Category F	1 April 2018	1 April 2019	$1,125.65	$13.80
Category G	1 April 2018	1 April 2019	$729.30	$17.35

1 *The actual Income Protection benefit payable will be the lesser of the weekly benefit outlined above, or 90% of your income.*

2 *Indexed by 5% on 1 April each year.*

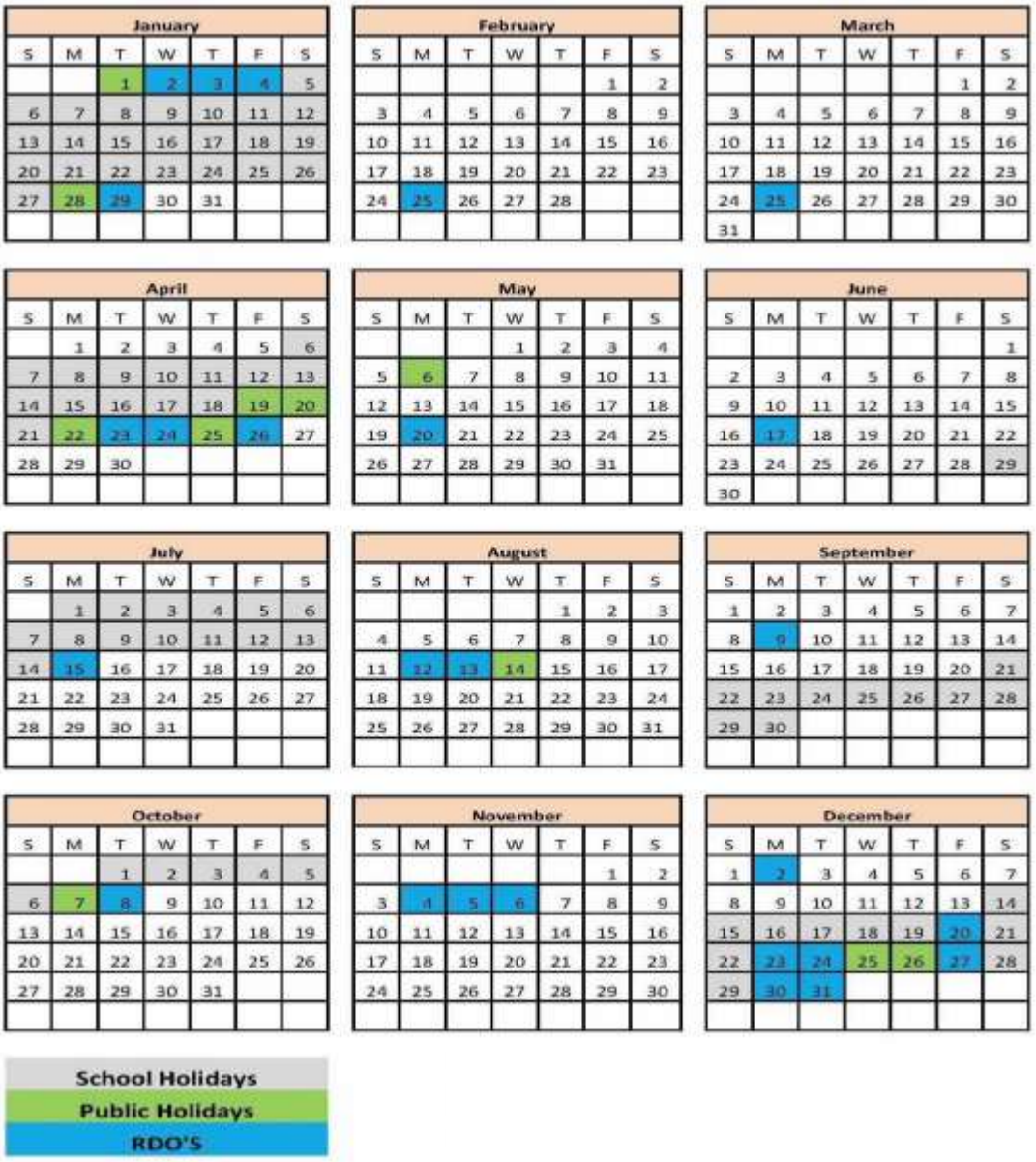
At the employee's discretion, additional available benefits may be purchased from the nominated fund either directly by the employee or by utilising the Salary Sacrifice provisions as agreed to by the parties.

The Employer will not be required to pay into the fund any additional payments for any additional purpose.

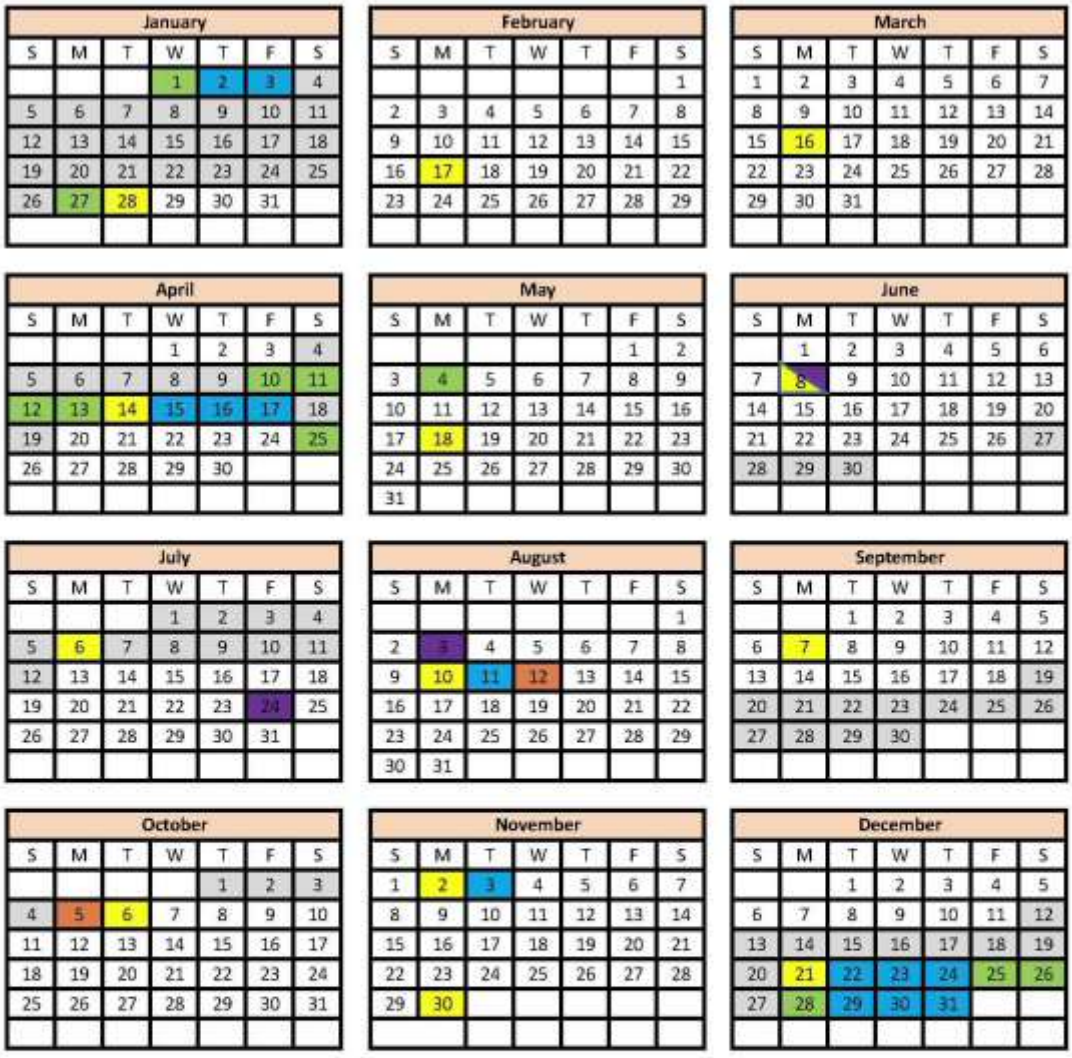
Where an employee makes a claim for income insurance and requires the company to complete "Part C Employer Section", the Employer shall have "Part C" completed and returned to the employee within five-days.

APPENDIX 3 - RDO CALENDARS

2019 RDO CALENDAR



2020 RDO CALENDAR



January						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

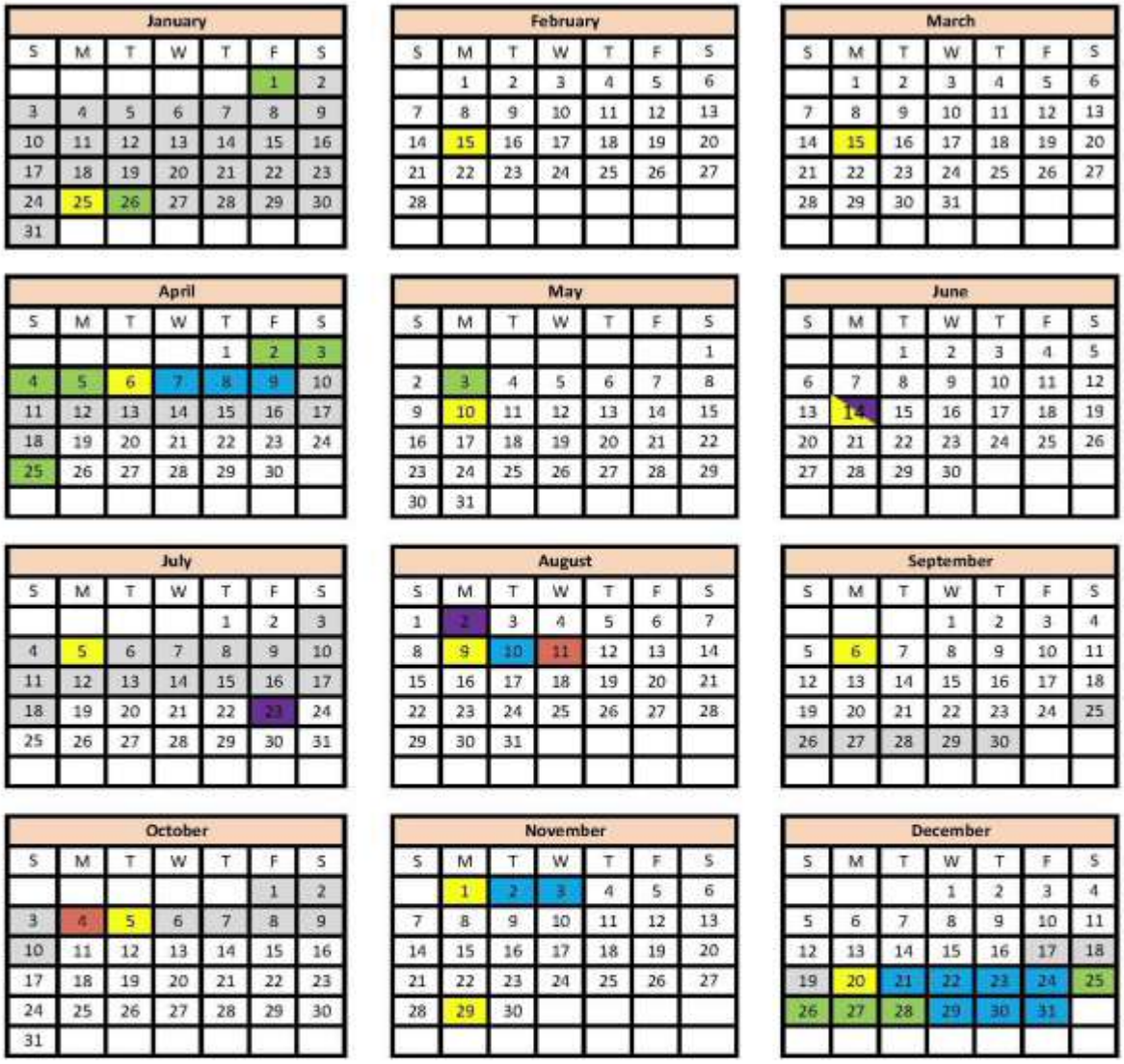
November						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

QLD School Holidays
Public Holidays
QLD only public holidays
NT on Public Holidays
EBA RDO's
Industry RDO's

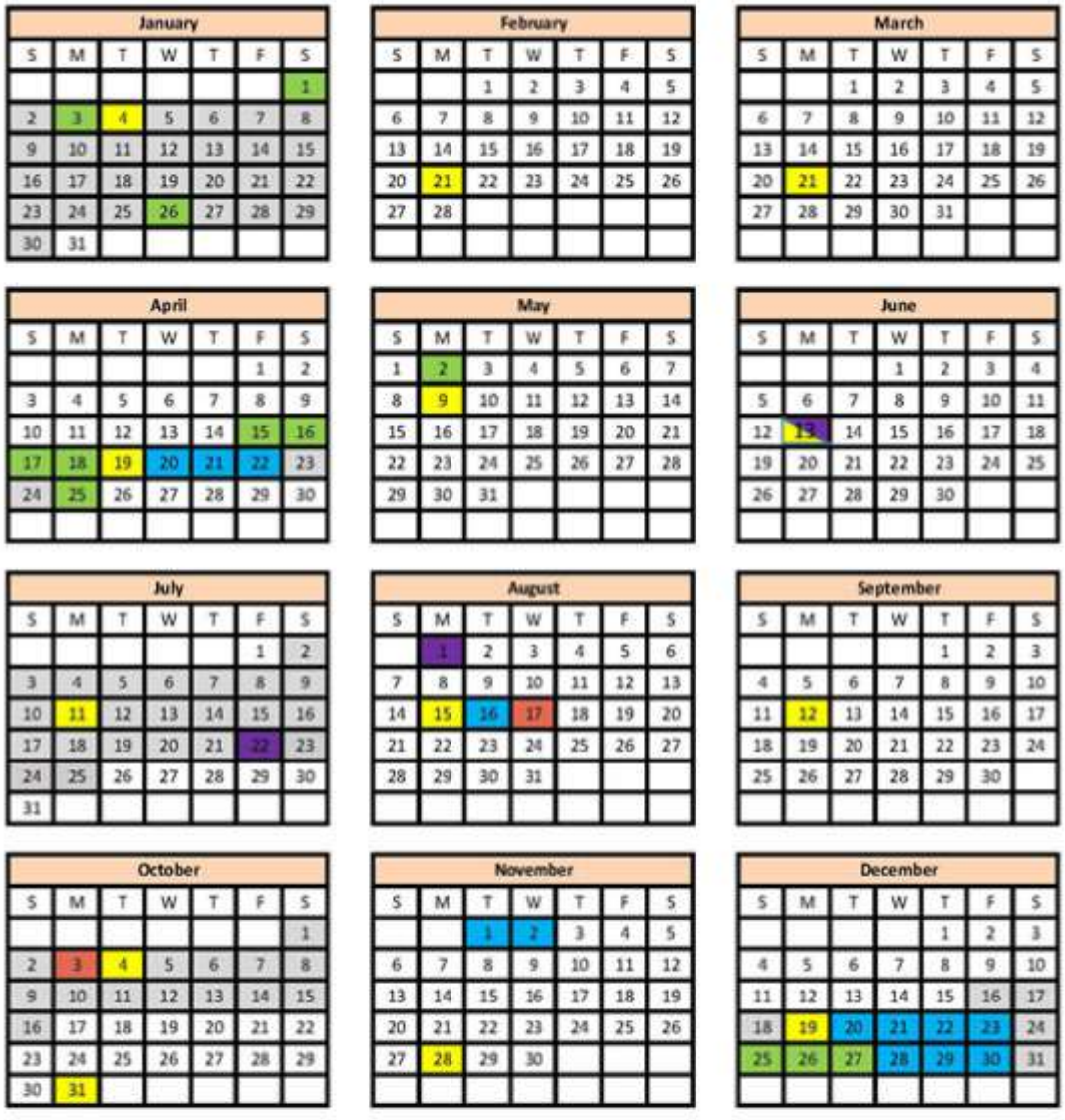
CFMEU
QLD/NT

2021 RDO CALENDAR



QLD School Holidays
Public Holidays
QLD only public holidays
NT on Public Holidays
EBA RDO's
Industry RDO's

2022 RDO CALENDAR



APPENDIX 4 – IMPAIRMENT POLICY

1. PRINCIPLES

1.1 The health, wellbeing and safety of employees are of paramount importance to the employer, employees and their Unions. This policy is part of a broad work, health and safety (WHS) program to secure the highest level of health and safety in the workplace.

1.2 The policy adopts a WHS approach that involves identifying, assessing and controlling all workplace hazards, using the hierarchy of control, and then reviewing these controls to ensure ongoing improvements.

1.3 The focus of this policy is on the WHS risks associated with impairment and should be read in conjunction with other company policies concerning health and safety, particularly in relation to fatigue management, risk management and safe systems of work.

1.4 This policy has been compiled in a manner that is non-punitive and supportive of employees. This policy shall not be used in a discriminatory manner. Anti-Discrimination Law protects against discrimination on the basis of addiction and may also protect against discrimination on the basis of impairments caused by drug and alcohol addiction or use.

1.5 The policy and procedures adopt a peer-based intervention approach based on fairness and equity for all employees.

2. SCOPE

2.1 This policy will apply to all employees (including managers and supervisors), contractors and labour hire staff. The policy applies to these groups at all times when they are engaged in company business, whether on or off site and when driving company vehicles.

3. STRUCTURE

The Impairment Policy is categorised in order with the intended implementation:

3.1 Training & Awareness

(a) Extensive research has shown training and awareness of impairment related issues provides the most effective means of behavioural change and encourages better decision making. The two types of training in accordance with this policy to do this are:

(i) Workplace Impairment Training (WIT) - all workers onsite will do this training;

(ii) Preliminary Impairment Assessment (PIA) – HSR's, delegates and the PC's safety staff will undertake this training.

3.2 Testing

Testing for drugs and alcohol is used to support and measure the results of the education and awareness program.

3.3 Support Services

Rehabilitation, counselling and EAP's. Support is strictly non- punitive and can be accessed at anytime (self-identification of the need for help is strongly encouraged).

4. OBJECTIVES

4.1 The objectives of this policy are as follows:

(a) To provide a safe and healthy working environment for all workers;

(b) To work collaboratively in the implementation and co-ordination of this policy with employees, employers and their elected representatives to achieve the objectives of this policy;

(c) To eliminate and control risks which may lead to impairment affecting health and safety in the workplace;

(d) To ensure that there is a mechanism for managing impairment at work that is transparent, objective and in accordance with the purpose of this policy;

(e) To ensure that all persons are provided with adequate information and education on the health and safety issues surrounding impairment, and on the operation of this policy;

(f) To ensure that employees have access to rehabilitation, support and counselling of their choice on a voluntary basis that is independent, professional and confidential, without jeopardising their employment;

(g) To ensure confidentiality of information concerning the application of this policy to a worker is maintained.

5. RESPONSIBILITIES

5.1 The employer shall:

(a) Provide a work environment that is safe and without risks to health and safety;

(b) Provide information about the testing requirements to all existing employees, contractors and labour hire staff and to all new staff at the point of induction;

(c) Ensure that this policy is implemented fairly and equitably across all sections of the workforce;

(d) Comply with the four policy implementation steps outlined below;

(e) Have adequate resources (e.g. a room that allows for confidential impairment assessments to be discussed) if necessary, suitable transport to safely remove impaired employees from the workplace to be able to meet the objectives of this policy.

5.2 Employees shall:

(a) Co-operate reasonably with the employer in the implementation of this policy;

(b) If any employee reasonably believes that any person on the site may be a health and safety risk to themselves or others, they should inform their employer and a Preliminary Impairment Assessor (PIA) of this belief;

(c) Not possess, consume, or be under the influence of, alcohol or other drugs while working;

(d) Ensure that they do not work, if they believe that they may be impaired;

(e) Consult their doctor or pharmacist about possible side effects of using prescribed or over-the-counter medication;

(f) Inform their employer and a Preliminary Impairment Assessor (PIA) if they have been made aware by their treating doctor or pharmacist of possible impairment as a side effect of medication, or if they feel impaired by medication.

6. POLICY IMPLEMENTATION WILL INVOLVE THE FOLLOWING STEPS.

6.1 Principal Contractor (PC)/Employer and Union shall agree on a policy start date.

6.2 Engagement of an agreed training and rehabilitation/treatment service providers.

6.3 Provision of on-going Workplace Impairment Training (WIT) and Preliminary Impairment Assessors training (PIA).

6.4 Ongoing promotion of this policy

A purpose of the policy and procedure is to provide protocols and procedures for workplace alcohol and other drug testing that are evidence-based, consistent with best practice, comply with relevant Australian Standards, and contribute to workplace safety and worker wellbeing.

6.5 The following drug and alcohol testing programs will be adopted:

(a) Self-testing;

(b) Random Shift testing;

(c) For-cause testing;

(d) Post-incident testing;

(e) Reasonable concern testing;

(f) Testing of Minors.

6.6 Any employee who is assessed as being impaired shall be advised to contact the rehabilitation/treatment provider.

6.7 The employee will be permitted to access personal leave in the first instance and then take accrued personal leave entitlements for the period of time they are accessing the treatment provider.

6.8 With the endorsement/acceptance of the Impairment Policy the PC will undertake to not pass the implementation and cost of drug and alcohol testing to its subcontractors.

6.9 It will also ensure compliance with this policy as follows:

(a) Subcontractors will be contractually required to comply with this procedure as a condition of subcontract;

(b) All direct employees of the PC as a condition of their employment must agree to adhere to the terms and conditions of the impairment policy.

6.10 Notwithstanding anything else contained in the policy, the costs of all testing contained within this policy shall be borne by the PC unless otherwise specified in this document.

7. DEFINITION OF A WORKER

7.1 Anyone who carries out work for a Person Conducting a Business or Undertaking, such as:

(a) an employee (either salaried or wages);

(b) a contractor or subcontractor;

(c) an employee of a contractor or subcontractor;

(d) an employee of a labour hire company;

(e) an apprentice or trainee;

(f) a student gaining work experience;

(g) an outworker;

(h) a volunteer;

(i) a visitor to a workplace (noting that for the purposes of section 12 of this policy, visitors are not to be included in the calculation for the number of random tests to be conducted).

8. TRAINING

8.1 The training provider shall be the Workplace Impairment Officer or other agreed provider between the Union and the PC/Employer. Impairment awareness training sessions will be delivered to all workers (including principal contractor workers), sub-contractors and labour hire workers at least once every two years.

8.2 In addition to the below training course outlines, principal contractors will be required to develop a site-specific information session to be delivered as part of the site induction outlining their Drug and Alcohol testing procedures for the site.

8.3 The below requirements will be audited on an annual basis. Requirements for an approved training provider:

(a) Must have previous experience delivering Workplace Impairment Training;

(b) Must consult with professional organisations to develop all training courses;

(c) Must be able to demonstrate a continuous improvement plan for each training course.

8.4 Trainers must have the following qualifications:

(a) Cert IV in WHS;

(b) Cert IV in Training and Assessing (TAE);

(c) Nationally Accredited Course in On-Site Drug and Alcohol Testing;

8.5 All training must be delivered Face-to-Face (F2F).

8.6 Workplace Impairment Training (WIT)

(a) WIT course must be a minimum of two (2) hours in length and must cover the following topics:

(i) Australian Workplace Health and Safety construction statistics;

(ii) Overview of the *Workplace Health and Safety Act*, state specific;

(iii) Mental Health - discussing at length stress, anxiety and depression;

(iv) Fatigue - overview of causes and coping mechanisms;

(v) Illness and Injury - management of illness and injury, legal requirements and rehabilitation process;

(vi) Chemicals, Heat, Cold, and Noise and their abilities to cause impairment at work;

(vii) Legal/Illegal Drugs and Alcohol - statistics on current usage, potential negative consequences to the workplace, workplace deaths and accidents associated with drug and alcohol use;

(viii) Harm related to drug and alcohol use;

(ix) Understanding what a standard drink is and how long it will stay in your system;

(x) Detection rates for illegal drugs;

(xi) Administering self-alcohol and drug tests;

(xii) Information about EAP and the services they offer;

(xiii) Workers who are selected for drug and alcohol testing must also be trained in this policy.

8.7 Preliminary Impairment Assessor (PIA)

(a) PIA training must be a minimum of four (4) hours in length and must cover the following topics:

(i) Understanding the signs of impairment;

(ii) Conflict resolution;

(iii) Skills to conduct an impairment Assessment;

(iv) Overview of what a PIA is;

(v) What are possible impairment factors;

(vi) Causes and symptoms of impairment;

(vii) Investigative skills.

(b) Training is not to be conducted in a lunchroom, unless there are multiple lunchrooms on site and:

(i) the training session will not interfere with workers wanting to use the room for smoko or lunch; or

(ii) the training session will not be interfered with by workers wanting to use the room in general.

9. TESTING METHODS

9.1 Alcohol Testing Method

Alcohol testing must only be done by use of an Accredited Breath Test device. The device must be calibrated and meet the minimum requirements of AS3547.

9.2 Drug Testing Method

(a) Drug testing may only be performed by oral fluid testing;

(b) The equipment used to perform the test shall be used, tested and calibrated to the manufacturer's instructions and certified to AS 4760 (Process for specimen collection and the detection and quantitation of drug in oral fluid);

(c) The drug testing shall be conducted by an accredited person, following all of the chain of custody provisions;

(d) The test must be performed in accordance with AS 4760 (Procedures for specimen collection and the detection and quantitation of drugs in oral fluid).

9.3 Substances tested

As part of this policy with regards to Drug and Alcohol testing the following substances must be tested for:

(a) Alcohol;

(b) Opiates;

(c) THC;

(d) Cocaine;

(e) Benzodiazepines;

(f) Amphetamine; and

(g) Methamphetamine.

Where applicable the above testing methods must be used for the purpose of section 12.1 of this policy.

10. TESTING PROVIDER

10.1 Must be NATA Accredited.

10.2 Must have accreditation AS4760:2006 Procedures for specimen collection and the detection and quantitation of drug abuse in oral fluid.

10.3 Must be agreed upon by the PC/Employer and the Union.

10.4 Minimum standards that the testing company must meet are as follows:

(a) competent and trained staff;

(b) appropriate equipment and instruments;

(c) proper management and storage of test kits and reagents;

(d) secure and controlled storage and management of samples;

(e) comprehensive record keeping; and

(f) clear and precise reporting.

10.5 Before the Authorised Testing Agent is engaged to be the sample collector for the PC all relevant stakeholders must be engaged to make sure there is no conflict of interest and that they are totally independent. If a conflict of interest exists, or should arise, the Authorised Testing Agent must report it immediately.

11. ROOM REQUIREMENTS

11.1 Each workplace shall have a room nominated for use to undertake drug and alcohol testing consistent with this procedure. This room will not normally be the first aid room at a workplace unless a workplace has multiple first aid rooms and the use of a first aid room for the purpose of drug and alcohol testing will not affect the ability of the workplace to respond to a first aid incident.

11.2 The room selected for use must so far as reasonably practicable:

(a) Provide privacy for the Worker being tested including but not limited to:

(i) Have a closing door;

(ii) Not allow for casual visual observation of the testing process by other Workers external to the room e.g. through glass windows;

(iii) Not allow conversations to be casually overheard by other workers.

(b) Be clean and hygienic;

(c) Be free from interruption whilst testing is being undertaken; and

(d) Include discrete entry and exit.

12. TESTING REQUIREMENTS

12.1 Code compliant workplaces -

On workplaces where the value of the Commonwealth's contribution to the project that includes the building work is at least $5,000,000, and represents at least 50% of the total construction project value or the Commonwealth's contribution to the project that includes the building work is at least $10,000,000 (irrespective of its proportion of the total construction project value), the following minimum testing requirements must be adhered to.

12.2 Frequent and periodic testing (at least once per month) of the workforce (both construction workers and site office workers) as follows:

(a) **Alcohol** - on the day of testing all workers onsite shall be required to submit a breath sample i.e. blanket testing.

(b) **Drugs** - As a minimum, frequent periodic testing (at least once per month where required by law, at intervals required by the client or by mutual Document by the PC/employer and the Union) of the workforce (both construction Workers and site office Workers) will be as follows:

(i) where there are less than 30 Workers at a workplace – at least 10% of the workforce;

(ii) where there are 30 to 100 Workers at a workplace – a minimum of 5 Workers; and

(iii) where there are greater than 100 Workers at a workplace – a minimum of 10 Workers;

(iv) The number of workers selected shall be increased in line with the escalation below where test results meet the criteria indicated:

Number of Workers	Criteria	Action
Less than 30 Workers at a workplace	Confirmed positive results in two-consecutive tests at the same workplace	Testing of 20% of workforce
30 to 100 Workers at a workplace	Confirmed positive results for three or more workers in two-consecutive testing rounds at the same workplace	Testing of 10 workers
Greater than 100 workers	Confirmed positive results for six or more workers in two-consecutive testing rounds at the same workplace	Testing of 20 workers

12.3 The increased testing requirements shall continue until no Confirmed Positive test results are recorded for two-consecutive testing periods.

12.4 Other jobs

On jobsites/workplaces where there is no Commonwealth contribution, testing frequency will be agreed upon by mutual consent by the PC/Employer and the Union. Testing requirements will remain the same for all jobsites i.e. blanket alcohol and code requirements for drug testing.

13. PRESCRIBED MEDICATIONS

13.1 Workers that are taking Prescribed Drugs or Pharmacy Only Drugs that they believe could register a positive test result should inform the Authorised Testing Agent prior to undergoing any requested test

13.2 If a Worker fails to declare that they are taking Prescribed Drugs or Pharmacy Only Drugs before being tested and they record a Non-Negative Result Initial Test result, a post test declaration will not be considered relevant to the result and the Worker will be excluded from duty for the remainder of the shift, subject to a Confirmatory Test.

13.3 Workers who record a Non-Negative Result Initial Test result will be excluded from their work duties and the workplace until a Confirmatory Test result has been received.

13.4 If that confirmatory result is a Positive Result Confirmatory Test, then:

(a) The terms and conditions of the applicable industrial Document shall be observed in relation to consultation and consequence management action.

13.5 When a confirmatory test result is negative or the result recorded is less than the target level or is consistent with a level expected from therapeutic use of a Prescribed Drug or Pharmacy Only Drug, which was advised by the Worker, then the test result shall be considered a Negative Result Initial Test for the purpose of any consequence management action.

13.6 Where a Worker is excluded from the workplace as a result of a Non-Negative Result Initial Test for Drugs and the confirmatory test is positive for a Pharmacy Only or Prescription Drug, the following factors would normally be considered in deciding when it is appropriate to allow a worker to return to the workplace and/or return to normal duties:

(a) Whether the worker declared the medication during the pre-test interview with the Designated Collector or Authorised Testing Agent;

(b) The level of the medication detected is consistent with therapeutic use;

(c) Written advice from the worker's doctor advising that the medication is required to treat a medical condition; and

(d) The medication will not affect the worker's ability to perform the inherent requirements of their job - i.e. they are fit for work.

14. SPECIAL CIRCUMSTANCES FOR PRESCRIPTION MEDICATION

14.1 A Worker participating in a treatment plan for a medical condition, managed by a Registered Medical Practitioner and involving a Prescribed Drug/Only Drug could result in a Non-Negative Result Initial Test if they are selected for Drug and Alcohol testing.

14.2 If in the above circumstance a Non-Negative Result Initial Test occurs, and provided that the Worker has:

(a) Declared their use of the Prescribed Drug/Pharmacy Only Drug in a letter less than 12 months old from a registered medical practitioner before the commencement of testing;

(b) Declared their use of the Prescribed Drug/Pharmacy Only Drug to the Authorised Testing Agent or Designated Collector before the commencement of testing;

(c) Then the Non-Negative Result Initial Test result shall be recorded at the workplace and a second sample of oral fluid shall be taken and sent for confirmatory testing. The worker will be prevented from performing work until they can provide declaration they are fit to return to work.

14.3 Where the results of the confirmatory test identify the Prescribed Drug/Pharmacy Only Drug declared and the levels are consistent with that prescribed by the prescribed medical practitioner, then a Negative Result shall be recorded, and no results retained.

14.4 Where the results of the confirmatory test identify the Prescribed Drug/Pharmacy Only Drug declared and, the levels are not consistent with that prescribed by the Registered Medical Practitioner or another drug(s) type is recorded, then a positive result confirmatory test shall be recorded.

14.5 Where the Worker has not provided both declarations contained within this part then the Worker shall be excluded from the workplace until the results of the confirmatory test are known.

15. TESTING RESULTS

15.1 Alcohol

(a) A worker who returns a negative alcohol test will be allowed to return to work with no record of the test kept. A worker who returns a positive result for alcohol (above 0.00mg/ml) will be deemed not fit work and will not be permitted to return to work;

(b) When a worker tests positive to alcohol in their system the workers blood alcohol concentration (BAC) may be decreasing or it may be increasing. In the interests of safety, the Workers will be directed to remain within the testing vicinity and they will be re-tested no sooner than 60 minutes after the original test;

(c) If the second test result is 0.000% the test will be regarded as negative and the Worker may return to normal duties. A Positive Result Confirmatory Test will not be recorded in these circumstances;

(d) If the later confirmatory test indicates a BAC of greater than 0.000% a Positive Result Confirmatory Test will be recorded;

(e) Alcohol testing shall be carried out by an Authorised Testing Agent agreed upon by the PC/Employer and the Union. The following steps shall be undertaken:

(i) Details of the identity of the Worker to be tested shall be recorded including the workplace name, work area and their employer will be listed on a drug and alcohol testing record form by the independent Authorised Testing Agent;

(ii) Workers with a BAC of greater than zero (greater than 0.000%) shall discontinue any work activities and shall be directed to undertake a second test 60 minutes after the first test and the results recorded on a Drug and Alcohol Testing record Form by the independent Authorised Testing Agent;

(iii) Where the second test indicates a level greater than 0.000% BAC the Worker will be further excluded from work duties for the remainder of the shift;

(iv) Where a Worker is to be sent home using their own transport, this shall only be permitted if the blood alcohol concentration test result is below that prescribed by applicable road transport legislation and has been determined as not rising for that Worker.

Note: If the Worker's blood alcohol concentration result is greater than or equal to 0.05% BAC, all reasonable assistance is to be afforded to ensure an affected Worker can make their way from the Workplace to a safe location without harm (e.g. taxi, lift from a friend or Supervisor).

Contractors will be responsible for the management/arrangements for their employees in accordance with their own employment arrangements.

(v) Any Worker that is excluded from work duties for the remainder of a shift or sent home, must, before commencing work for their next shift undertake an alcohol breath test prior to commencing that shift. If the results are negative (0.00mg/ml) the Worker shall be allowed to commence work. If the Worker returns a positive test, they will not be allowed to commence work, hence 15.1 Alcohol- (d) in this policy, will apply.

15.2 Drugs

(a) A worker who returns a negative test will be allowed to return to work. A worker who returns a non-negative test result from their initial test (equal to or above the relevant cut-off levels of the substances referred to in AS 4760) will be deemed not fit for work and will not be allowed to return to work. (Benzodiazepine level to be provided by the prescribed testing laboratory);

(b) Drug testing will be administered by the collection and analysis of an oral fluids specimen (saliva). Before conducting a drug test, the process used by the independent Authorised Testing Agent must be explained to the Worker providing the saliva sample;

(c) Collecting and testing of saliva specimens shall be carried out by an Authorised Testing Agent, agreed upon by the PC/Employer and the Union, and confirmatory testing is to be carried out by a NATA accredited laboratory;

(d) A Confirmatory Test will be required where a Non-Negative Result Initial Test is recorded at the initial test. The handling of specimens taken for confirmatory testing is detailed in the process used by the Authorised Testing Agent and must be completed to Australian Standards;

(e) Any worker attending the workplace under the influence of drugs or alcohol will be prohibited from entry. A worker returning to the workplace following their exclusion for a Positive Result Confirmatory test will be required to submit to a drug and alcohol test prior to commencing work and receive a Negative Result Initial Test for Drugs or Alcohol prior to commencing work.

16. FORMS OF TESTING

16.1 Self-Testing

(a) The PC/Employer shall be required to provide sufficient self-testing facilities for alcohol and/or drugs for up to 10% of the workforce;

(b) Where self-test facilities are made available, voluntary or self-testing for alcohol will be available for Workers prior to presenting for work. A wall mounted breathalyser (optional) will be located in an area that provides for discrete privacy for the worker, whilst completing the test so the test results cannot be inadvertently observed and disclosed to other parties;

(c) A Worker undertakes self-testing at his/her own accord; therefore, no test details are recorded. However, if the worker tests non-negative for any substance in section 9.3 of this policy, they will be deemed not to be fit for work and will be prevented from performing work until they are fit for work. All Workers have obligations under the *Work Health and Safety Act* or equivalent occupational health and safety or occupational safety and health legislation in other States or Territories and must not wilfully place at risk their health and safety or the health and safety of other Workers or people at the workplace by commencing work if they believe they're impaired.

16.2 Random Shift Testing

(a) In terms of Random Shift Testing it is in imperative that the PC/Employer and the Union do not know on what day, or at what time the Authorised Testing Agent will conduct the tests;

(b) It is a condition of entry for all Workers at any workplace to comply with any request to participate in random Drug and Alcohol testing as a condition of employment or contract. This means that all Workers attending or seeking to attend a workplace will be eligible for testing;

(c) Testing for Alcohol or other Drugs for Workers shall be mandatory and will be undertaken at any time throughout the Worker's hours of work (including overtime) or at any time whilst at the workplace;

(d) Individual Workers will be selected for drug testing using a simple random selection process. A random draw will be conducted using an Authorised Testing Agent independent software to randomise the selection of Workers for testing;

(e) The random selection process includes the selection of Workers from across the entire workplace subject to the testing;

(f) A Worker selected for testing will be required to present themselves for testing within a reasonable time. Random shift testing shall be conducted in a room which provides for privacy for the selected worker during testing; the requirements for this room are outlined in the Room Requirements section of this policy.

16.3 For Cause Testing

(a) An employer/supervisor may only request an employee to undertake for cause testing if:

(i) The employee has been involved in an accident or incident, or had the potential to, cause:

(ii) serious and major damage to mobile plant or property; or

(iii) an injury to themselves or other individual(s); or

(iv) Participation in a relevant and specific industry focus area when the worker is undertaking High Risk Work as identified by the employer and consistent with Occupational Health and Safety (OHS) legislation. Workers will be selected for testing using a random selection process nominated by the employer following a consultation process in line with OHS legislation.

16.4 Post Incident Testing

(a) After the occurrence of a significant incident/event at a workplace, all Workers involved in the incident may be required to undergo an initial Drug and Alcohol test.

(b) Where a Worker(s) is to be tested following a significant incident/event they may request to be accompanied by their employee representative until they have completed all testing required.

(c) Post Incident Testing will be conducted as soon as practical after the incident/event and when it is safe to do so.

(d) An injured Worker who requires immediate medical attention may only be tested when it is appropriate and safe to do so. This will be determined by the Construction Manager, the HSR, Delegate and the relevant PIA in consultation with the attending medical practitioner. In such cases, where testing can be conducted while under medical care, a saliva testing process will be used.

16.5 Reasonable Concern Testing

(a) An employer may only request an employee to undertake reasonable concern testing if the following criteria are met:

(i) An observable phenomenon occurs, which is:

- the direct observation of the employee of use of, and/or the physical behavioural symptoms of being impaired by, alcohol; and/or
- Unusual and/or inexplicable actions by the employee; or

(ii) There is evidence that the employee is involved in the use or possession of alcohol and/or other drugs while working; or

(iii) The employee has breached safety precautions or procedures.

16.6 Testing of Minors

(a) A letter of consent contained within the work experience and student placement procedure shall be signed by the parent or guardian of any worker who is a minor seeking to access a workplace where the Impairment Policy is in place, as a condition of entry to that workplace. Alternatively, an equivalent letter signed by the parent or guardian can be provided through the minor's employer/host employer.

(b) Where a minor is selected for testing and:

(i) A letter of consent is held, then the provisions of this procedure shall apply; or

(ii) Where a letter of consent is not held, every effort will be made to contact the minor's parents/guardians to get verbal consent to participate in the testing procedure. If consent is given then the normal testing procedures will apply, if contact cannot be made and/or consent is not given then the minor will be unable to continue working until consent is given.

17. REFUSAL TO TEST

17.1 If a Worker refuses to participate in workplace Drug and Alcohol testing the following will apply:

(a) The Employer, will inform the Worker and the workers chosen representative, that the refusal will have the same consequences as a non-negative result, i.e. that the employee will be deemed to be unfit for work due to the presence of alcohol or drugs;

(b) If the worker still refuses, the Employer and the PIA, shall consult with the worker and the workers chosen representative, regarding the requirements, process and consequences of refusing to test and encourage them to partake in the test. This would be the second request to be tested;

(c) If the worker still refuses, the refusal will be treated as a confirmed positive result and will be subjected to the relevant consequences of such. All reasonable assistance is to be offered to ensure the employee can make their way from the workplace to a safe location without harm (i.e. taxi, lift from a friend or fellow worker). An agreed leave of absence arrangement is to apply for the duration of their absence.

18. DISCIPLINARY ACTION

18.1 The following sets out the action which may be taken when a worker returns a confirmed positive result to an alcohol or drug test.

18.2 First Occasion - A worker who has received a first confirmed positive test for alcohol or drugs (other than by self-testing) will be:

(a) Required to attend the Support as referred to in this Policy;

(b) Informed of the consequences of testing positive and their obligations to present, or remain in a fit state;

(c) Informed of further disciplinary action and testing requirements should they have a confirmed positive result (alcohol or drug) within the next 12 months.

18.3 Second occasion - A worker who has received a second confirmed positive test for alcohol or drugs (other than by self-testing) within any 12-month period will be:

(a) Required to re-attend the Support as referred to in this Policy

(b) Required to participate in a rehabilitation program referred to in "Support" in this policy

(c) Informed of the consequences of testing positive and their obligations to present, or remain in a fit state;

(d) Given a verbal warning with a diary entry placed on file; and

(e) Informed of further disciplinary action and testing requirements should they have a confirmed positive result (alcohol or drug) within the next 12 months.

18.4 A worker who has received three confirmed positive test results for alcohol or drugs which has been detected in a 12-month period may be disciplined under the Employer's disciplinary processes.

18.5 A worker who fails to attend Employee Assistance Provider (EAP) sessions may be disciplined under this policy in accordance with principles of natural justice.

18.6 No disciplinary action will be taken in respect of positive test results from a self-test.

19. SUPPORT

19.1 The Principal Contractor (PC)/Employer will make available support to workers in respect of drug and alcohol issues. This will include:

(a) allowing access to any Union support programs; and

(b) provide an employer funded EAP to be available to workers.

19.2 The worker will be allowed to access a Union support program and/or EAP counselling during normal working hours and without loss of pay, or any form of employer retribution.

20. SELF- DECLARATION

20.1 Workers will not be disadvantaged for self-disclosure and therefore will be supported through counselling and rehabilitation processes and provided with the Support contained in this policy. In such cases the worker will be permitted to access personal leave in the first instance, then accrued leave, and may return to work when fit-for-duty.

20.2 The worker may be suspended from any work with pay, with immediate effect in order for an assessment to be made of the duties they are able to perform safely and a drug and alcohol test is to be taken as soon as reasonably practicable.

21. PRIVACY

21.1 Drug and Alcohol testing results shall remain confidential and will only be used for the purpose of compliance with this Procedure in the manner required by the *Privacy Act 1988* (Cth). Any information provided or declared by a Worker regarding:

(a) Prescribed Drug and Pharmacy Only Drug consumed;

(b) Medical conditions or the like;

(c) Their proposed return to the workplace following exclusion by this procedure.

21.2 Will also remain confidential and managed in accordance with the *Privacy Act 1988* (Cth). Similarly, where a Worker supplies information regarding the use, sale or supply of Drugs or Alcohol at a workplace, unless the Worker otherwise agrees or as otherwise required by law, the Worker's identity will be kept confidential.

21.3 All Positive Results Confirmatory Test will be maintained on the relevant Worker's personnel records located at the workplace.

21.4 Protections from Worker Deoxyribonucleic Acid (DNA) misuse

Workers selected for testing shall have their personal DNA protected by:

(a) In the case of unintended collection of a Worker's DNA during the collection of an oral saliva sample for an initial test, by the worker being offered the used collection cartridge upon completion of the initial test.

(b) In the case of unintended collection of a Workers DNA during the collection of an oral saliva sample for testing at a NATA approved laboratory for an Non-Negative Result Initial Test, by ensuring that the documentation that accompanies the collection cartridge to the NATA approved laboratory does not include the workers name or address but contains only that information sufficient to comply with AS4760 e.g. test report number and date of birth.

21.5 These protections will be notified to Workers during training.

22. CONSULTATION

22.1 If a party believes that an amendment to the impairment policy is required, they shall request and organise a consultation meeting involving the Employer, the Union and any other relevant stakeholders.

22.2 The attendees shall seek to reach agreement on any proposed amendments.

22.3 No amendments shall be implemented unless agreement is reached by the Employer, the Union and the relevant stakeholders.

22.4 Employment Assistance Program (EAP)

22.5 The Employment Assistance Program (EAP) is an agreed independent, professional and confidential service that aims to provide employees with assistance when affected by personal or job-related problems.

22.6 To have a successful Impairment Policy at the workplace, the Policy must address how those at the workplace, including employees of the principal contractor, subcontractors and their employees and others, will be required to comply with the Impairment Policy.

22.7 The below requirements will be audited on an annual basis of the employer:

(a) Must be able to provide EAP support in all States, Territories and regional areas of Australia;

(b) Must outline in their Impairment Policy how workers who attend for work affected by drugs or alcohol will be counselled and assisted, apart from any disciplinary process that might apply;

(c) Must have a memorandum of understanding (MOU) with relevant stakeholders within treatment support areas;

(d) Provide support for their workers and their immediate families;

(e) Must be able to provide treatment services which must include the following:

(i) General counselling;

(ii) Drug and Alcohol counselling;

(iii) Drug and Alcohol detoxification services;

(iv) Drug and Alcohol rehabilitation services;

(v) Case Management services;

(vi) Psychology services.

(f) Must have a history of delivering support services to the Building and Construction Industry

(g) Must be able to develop and implement a plan to promote the impairment policy within the workplace

23. ADDENDUM

23.1 Refer to the National CFMEU Impairment Policy for more information and detail about impairment in the construction industry. The policies and procedures in the national document look at the impairment issues of Mental Health, Injury and Illness, Fatigue, Chemicals, Heat, Cold and Noise, and Alcohol, Illegal Drugs and Legal Drugs and provide the research behind the implementation of this Impairment Policy.

APPENDIX 5 – CALCULATION OF SUPERANNUATION

The rates as calculated in clause 24.3 above of this Agreement have been calculated using the agreed industry formula as follows:

Employer Contribution

12% of the sum of:

CW3 – Carpenters (100% Trade) rate;

Leading hand Site Allowance p/h ($35m project);

Fares and travel five-day week; and

Leading hand rate (2-5) p/h.

Co-contribution

3% of the sum of:

CW3 – Carpenters (100% Trade) rate;

Leading hand Site Allowance p/h ($35m project);

Fares and travel 5-day week; and

Leading hand rate (2-5) p/h.

APPENDIX 6 - RDO NOTIFICATION FORM

Notification pursuant to clause 29.5 (c) to Work on Scheduled RDO

Date: _____

Employer	
Date of Scheduled RDO	
Project Name	
Project Address	
Work to be undertaken	
Approximate number of employees required:	
Union delegate/employee representative (if applicable)	

Manager Contact Details

Name: _____

Phone: _____

Fax: _____

Tick the appropriate Box

□ Affected Employee/s consulted by Employer

□ Affected Employee/s not wishing to work in accordance with the clause have been given an opportunity to reasonably refuse

□ Affected Employee/s informed that if they have a concern about working the scheduled RDO they can raise the matter with their union delegate/employee representative.

Reason/s for work on scheduled RDO (as per clause 32 of the Document)

□ High risk activity (specify below)

□ Maintenance, repair, commissioning

□ Restrictions, laws, regulations, etc.

□ Inclement weather

□ Other

Explanation of ground/s listed above:

APPENDIX 7 – AUDIT FORM

EMPLOYER NAME:	_____	
ABN NUMBER:	_____	
ADDRESS:	_____	
PRINCIPAL NAME:	_____	
PRINCIPAL TITLE:	_____	
WORKCOVER POLICY NUMBER:	_____	
Number of personnel:	_____	
Overtime 1½x	_____	
Overtime 2x	_____	
Base Hourly Rate	_____	
Fares & Travel	_____	
Superannuation:	□ Yes	□ No
Redundancy Trust Fund:	□ Yes	□ No
Training Fund:	□ Yes	□ No
Income Insurance:	□ Yes	□ No
STQ:	□ Yes	□ No *Payable only for employees engaged under*
RDO Accrual:	□ Yes	□ No
Annual Leave:	□ Yes	□ No
Sick Leave:	□ Yes	□ No
PSLS:	□ Yes	□ No
Group Tax:	□ Yes	□ No

STATUTORY DECLARATION BY PRINCIPAL: I hereby state that the Employer has paid all of its entitlements and legal obligations in accordance with the appropriate industrial instrument.

.....PRINCIPAL

AUTHORISED BY CPA/INSTITUTE OF CHARTERED ACCOUNTANTS

EMPLOYER NAME:

NAME OF ACCOUNTANT:

REGISTRATION DETAILS

AUTHORISATION STATEMENT: I have examined the time and wages records and hereby certify that they are in accordance with the appropriate industrial instrument.

.....CERTIFIED PRACTISING ACCOUNTANT

APPENDIX 8 - ENDORSEMENT OF THE AGREEMENT

Signed for and on behalf of ABN

I, of am authorised to sign the Agreement on behalf of the

SIGN NAME

ADDRESS

_____

DATE

IN THE PRESENCE OF

WITNESS SIGNATURE

WITNESS NAME

Signed for and on behalf of the **Construction, Forestry, Maritime, Mining and Energy Union**

I, Michael Ravbar/Jade Ingham, Divisional Branch Secretary/ Assistant Secretary of The Construction, Forestry, Maritime, Mining and Energy Union, Construction and General Division, Queensland Northern Territory Divisional Branch am authorised to sign the Document on behalf of The Construction, Forestry, Maritime, Mining and Energy Union:

SIGN NAME

DATE

16 Campbell Street, Bowen Hills, Qld, 4006

ADDRESS

IN THE PRESENCE OF

WITNESS SIGNATURE

PRINT NAME

Signed for and on behalf of the **CEPU Electrical Division**

I, Peter Ong, Divisional Branch Secretary of CEPU Electrical Division, Queensland & Northern Territory Divisional Branch am authorised to sign the Document on behalf of the CEPU Electrical Division

SIGN NAME

DATE

ADDRESS

IN THE PRESENCE OF

WITNESS SIGNATURE

PRINT NAME

Signed for and on behalf of the **CEPU Plumbing Division**

I, Gary O'Halloran, Divisional Branch Secretary of CEPU Plumbing Division, Queensland & Northern Territory Divisional Branch am authorised to sign the Document on behalf of the CEPU Plumbing Division

SIGN NAME

DATE

ADDRESS

IN THE PRESENCE OF

WITNESS SIGNATURE

PRINT NAME

Signed for and on behalf of the **AMWU**

I, Rohan Webb, Secretary of AMWU, Queensland & Northern Territory Divisional Branch am authorised to sign the Document on behalf of the AMWU

SIGN NAME

DATE

ADDRESS

IN THE PRESENCE OF

WITNESS SIGNATURE

PRINT NAME

JOHN HOLLAND

Criterion 4.3

Best Practice Principle 3
Industrial Relations

CONTENTS

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4 CRITERION 4 - BEST PRACTICE PRINCIPLES

Commented [SM1]: JEN – Same note as above. Please convert to Compliance Matrix. Thank you!

Compliance Matrix	Reference
Points (Out of 60): 20 *The State Government is committed to ensuring quality work for all those engaged on major Queensland Government projects. The Government believes that a commitment to best practice industrial relations, workplace health and safety and the provision of appropriate training opportunities for all workers on major Queensland Government projects will help to deliver major projects on time and on budget.* *As such, Tenderers must demonstrate, as part of their Tender, how they propose to address each of the following four best practice principles:* • *Best practice Workplace Health & Safety (WHS) systems and standards* • *Best practice commitment to apprentices and trainees* • *Best practice industrial relations* • *History of compliance with procurement, tendering and other government policy.* *Compliance with the workplace health and safety systems and standards, commitment to apprentices and trainees and industrial relations best practice principles will be measured against the substantive obligations, entitlements, conditions and amounts contained in the Best Practice Industry Conditions. See clause 16 of the Conditions of Tender for more information about the Best Practice Industry Conditions.* *The Tenderer must address the following in its Tender:*	
Best Practice Principle 3 – Industrial Relations	
1) *Provide details of how the terms and conditions of employment, including specific pay rates, for the Tenderer's personnel who will perform work under the Contract, are at least equivalent to the Best Practice Industry Conditions.*	*XXX*
2) *Provide details of the Best Endeavours Process by which the Tenderer will use its best endeavours to engage subcontractors who provide terms and conditions of employment, including specific pay rates, for their personnel who perform work under the Contract, which are at least equivalent to the Best Practice Industry Conditions.* *Note: clause 21.2 of the Conditions of Contract sets out the measures that the Managing Contractor must implement when preparing proposed Subcontract Construction Documentation and entering into Subcontracts. The Principal is seeking processes aimed at maximising the opportunities for subcontractors to be able to demonstrate best practice industrial relations.*	*XXX*
3) *Provide detail on employee and employer representative organisations that the Tenderer has engaged with, the nature and outcome of those engagements, and details of proposed further engagements.*	*XXX*
4) *Has the Tenderer been subject to any of the following under the Fair Work Act 2009 (Fair Work Act) in the last 5 years:* ○ *convictions or prosecutions for any offences* ○ *enforceable undertakings and/or* ○ *infringement notices?* *If so, provide particulars (including number of sites or projects covered by the notices and the number of visits from inspectors, role of the contractor, systems and processes in fatalities or injuries), explain the reasons for the action, lessons learnt and processes put in place to identify root causes as well as apply corrective actions to prevent re-occurrence.*	*XXX*

4.3 BEST PRACTICE PRINCIPLE 3 – INDUSTRIAL RELATIONS

4.3.1 BEST PRACTICE INDUSTRY CONDITIONS FOR EMPLOYMENT

Provide details of how the terms and conditions of employment, including specific pay rates, for the Tenderer's personnel who will perform work under the Contract, are at least equivalent to the Best Practice Industry Conditions.

RESPONSE

[insert response here]

4.3.2 BEST ENDEAVOURS PROCESS FOR SUBCONTRACTORS

Provide details of the Best Endeavours Process by which the Tenderer will use its best endeavours to engage subcontractors who provide terms and conditions of employment, including specific pay rates, for their personnel who perform work under the Contract, which are at least equivalent to the Best Practice Industry Conditions.

Note: clause 21.2 of the Conditions of Contract sets out the measures that the Managing Contractor must implement when preparing proposed Subcontract Construction Documentation and entering into Subcontracts. The Principal is seeking processes aimed at maximising the opportunities for subcontractors to be able to demonstrate best practice industrial relations.

RESPONSE

[insert response here]

4.3.3 REPRESENTATIVE ORGANISATIONS

Provide detail on employee and employer representative organisations that the Tenderer has engaged with, the nature and outcome of those engagements, and details of proposed further engagements.

RESPONSE

[insert response here]

4.3.4 FAIR WORK ACT 2009 CONFIRMATIONS

Has the Tenderer been subject to any of the following under the Fair Work Act 2009 (Fair Work Act) in the last 5 years:

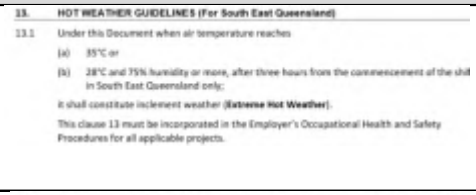
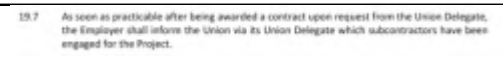
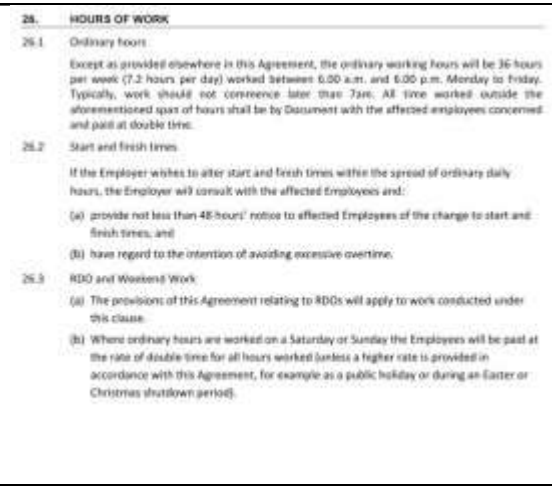
- *convictions or prosecutions for any offences*
- *enforceable undertakings and/or*
- *infringement notices?*

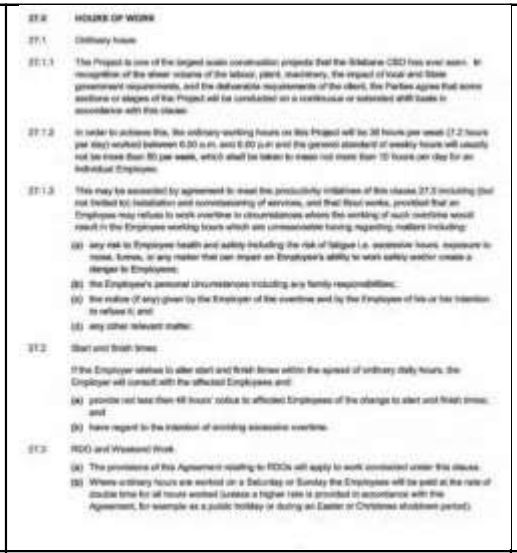
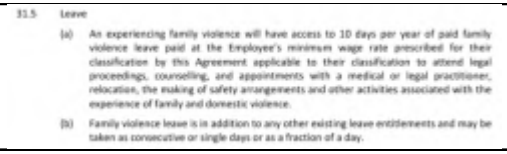
If so, provide particulars (including number of sites or projects covered by the notices and the number of visits from inspectors, role of the contractor, systems and processes in fatalities or injuries), explain the reasons for the action, lessons learnt and processes put in place to identify root causes as well as apply corrective actions to prevent re-occurrence.

RESPONSE

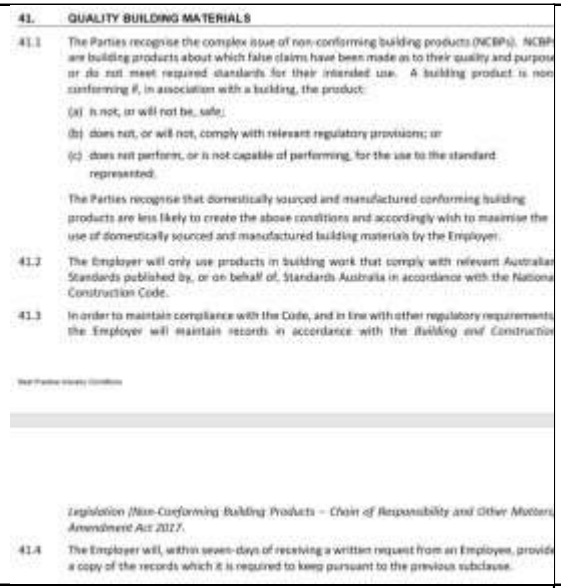
[insert response here]

For Discussion – JH Proposed Clause Changes – Southern Qld Correctional Precinct Greenfield Agreement

Min Conditions Agreement Reference	Clause Description	JH Proposed Change	Comments For Discussion
13	 13. HOT WEATHER GUIDELINES (For South East Queensland) 13.1 Under this Document when air temperature reaches (a) 35°C or (b) 28°C and 75% humidity or more, after three hours from the commencement of the shift in South East Queensland only; it shall constitute inclement weather (**Extreme Hot Weather**). This clause 13 must be incorporated in the Employer's Occupational Health and Safety Procedures for all applicable projects.	Remove this provision on basis that project is South-West Qld.	Unlikely to accept removal, but would be good to understand if we able to discuss thresholds more appropriate for the region.
19.7	 19.7 As soon as practicable after being awarded a contract upon request from the Union Delegate, the Employer shall inform the Union via its Union Delegate which subcontractors have been engaged for the Project.	Remove this provision.	May be a Code issue, but Jade will dispute this. If approved by ABCC (which I think it will be, because it is after the contract is let), then we will accept.
26	 26. HOURS OF WORK 26.1 Ordinary hours Except as provided elsewhere in this Agreement, the ordinary working hours will be 36 hours per week (7.2 hours per day) worked between 6.00 a.m. and 6.00 p.m. Monday to Friday. Typically, work should not commence later than 7am. All time worked outside the aforementioned span of hours shall be by Document with the affected employees concerned and paid at double time. 26.2 Start and finish times If the Employer wishes to alter start and finish times within the spread of ordinary daily hours, the Employer will consult with the affected Employees and: (a) provide not less than 48 hours' notice to affected Employees of the change to start and finish times, and (b) have regard to the intention of avoiding excessive overtime. 26.3 RDO and Weekend Work (a) The provisions of this Agreement relating to RDOs will apply to work conducted under this clause. (b) Where ordinary hours are worked on a Saturday or Sunday the Employees will be paid at the rate of double time for all hours worked (unless a higher rate is provided in accordance with this Agreement, for example as a public holiday or during an Easter or Christmas shutdown period).	Adopt the QW Hours of Work clause that provides for continued and extended shift patterns.	

			
31.5		JH position is that leave under this provision comes out of the sick leave accrual. Have secured this in a number of other Agreements.	

39	**39. SECURITY OF PAYMENTS** 39.1 The Employer recognises that the under, non or late payment of building industry participants for services rendered can affect the entitlements of workers and the security of their employment. 39.2 The Employer acknowledges its obligations under the *Building and Construction Industry Payments Act 2004* (as amended) and the *Subcontractors Charges Act 1974*. 39.3 The Employer will not engage in illegal or fraudulent phoenix activities for the purpose of avoiding any payment due to another building contractor or building industry participant or other creditor. 39.4 The Employer will: (a) comply with all applicable laws and other requirements relating to the security of payments that are due to subcontractors; and (b) ensure that payments which are due and payable are made in accordance with applicable legislative requirements including the Code and are not unreasonably withheld; and (c) have a documented dispute settlement process in accordance with all applicable legislative requirements including the Code that details how disputes about payments will be resolved, includes a referral process to an independent adjudicator for determination if the dispute cannot be resolved between the parties and requires compliance with that process; and (d) as far as practicable, ensure that disputes about payments are resolved in a reasonable, timely and cooperative way. 39.5 The Employer will keep records demonstrating its compliance with clause 39.4. The Employer will, within seven days of receiving a written request from an Employee who has a reasonable belief of a non-compliance with clause 39.4, provide evidence demonstrating its compliance. Nothing in this clause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988* (Cth) or the FW Act.	Concern that any SoPA issue will not only be a Code issue, but may result in JH being in breach of the agreement. Propose this is removed as dealt with elsewhere by QBCC and ABCC. 39.5 in particular causes concern re how it will be used in practice. Privacy disclaimer may assist.	If CFMMEU unwilling to accept removal, would be good if we can propose slight change in wording i.e. Employer will make best endeavours in 39.4.
40.4	40.4 The Employer will, within seven days of receiving a written request from an Employee provide evidence demonstrating its compliance with this clause 41 of this Agreement. Nothing in this clause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988* (Cth) or FW Act.	As above. Propose removal.	

41	 **41. QUALITY BUILDING MATERIALS** 41.1 The Parties recognise the complex issue of non-conforming building products (NCBPs). NCBPs are building products about which false claims have been made as to their quality and purpose or do not meet required standards for their intended use. A building product is non-conforming if, in association with a building, the product: (a) is not, or will not be, safe; (b) does not, or will not, comply with relevant regulatory provisions; or (c) does not perform, or is not capable of performing, for the use to the standard represented. The Parties recognise that domestically sourced and manufactured conforming building products are less likely to create the above conditions and accordingly wish to maximise the use of domestically sourced and manufactured building materials by the Employer. 41.2 The Employer will only use products in building work that comply with relevant Australian Standards published by, or on behalf of, Standards Australia in accordance with the National Construction Code. 41.3 In order to maintain compliance with the Code, and in line with other regulatory requirements, the Employer will maintain records in accordance with the *Building and Construction Legislation (Non-Conforming Building Products – Chain of Responsibility and Other Matters) Amendment Act 2017*. 41.4 The Employer will, within seven days of receiving a written request from an Employee, provide a copy of the records which it is required to keep pursuant to the previous subclause.		
Appendix 1	Rates and allowances – increasing at 5% p.a.	Cannot commit to 5% increases at this stage given the Covid-19 pandemic.	JH propose that this is finalised with Qld Government and client body post award. If position from Gov is Min Conditions remain at 5%, then we will accept. If position changes post-depression then we will be guided by Gov in consult with union. We could give comfort to union via email or letter exchange on this point (this can be done as part of negotiations and therefore won't be a Code issue).

Appendix 4	Impairement policy.	JH would prefer this is removed and dealt with outside on Agreement (project-specific procedure).	Not sure if we will need to flag with Meaghan or Corporate safety to confirm we can comply. Likely Code compliant, so I think we could live with it.

CFMEU
QLD/NT

John Holland Queensland Pty Ltd

(ABN: 67 133 069 280)

and

The Construction, Forestry, Maritime, Mining and Energy Union (CFMEU)

John Holland Queensland Pty Ltd and CFMEU Union Collective Agreement 2020 - 2022

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1. TITLE

1.1. This agreement is known as the John Holland Queensland Pty Ltd and CFMEU Union Collective Agreement2020–2022 (the Agreement).

2. DEFINITIONS

The following definitions shall apply to this Agreement:

Apprentice or Trainee means an apprentice or trainee within the meaning of the Vocational Education, Training and Employment Act 2000 (VETE Act). Apprenticeship and Traineeship have a corresponding meaning;

Award means the Building and Construction General On-site Award 2020, Mobile Crane Hiring Award 2020. Each as amended from time to time;

BERT is an acronym used for the Building Employee Redundancy Trust (ACN 82 010 917 281) (BERT Fund) as described in the Trust Deed creating the BERT Fund;

BEWT is an acronym for the Building Employees Welfare Trust. The "BEWT Fund" means the fund established pursuant to a deed between B.E.R.T Pty Limited and James Kristen Peterson. "Trustee of the BEWT Fund" means B.E.R.T Pty Limited or any trustee appointed under the BERT Redundancy Trust Deed;

BUSS(Q) is an acronym for the Building Unions Superannuation Scheme (Queensland) Pty Ltd. ABN 85 571 332 201;

Continuous Service includes absence due to: Annual Leave; Personal Leave; Parental Leave; illness or accident up to a maximum of 4 weeks after the expiration of sick leave; jury service; injury received during the course of employment and up to a maximum of 52 weeks for which the Employee received workers` compensation; where called up for military service for up to 3 months; long service leave;

Continuous Shiftworker means, for the purpose of the additional week of annual leave provided by the NES means an Employee engaged to work in a system of consecutive shifts throughout the 24 hours of each of at least five consecutive days without interruption (except during breakdown or meal breaks or due to unavoidable causes beyond the control of the Employer) and who is regularly rostered to work those shifts;

CBUS is an acronym for the Construction & Building Industry Superannuation Pty Ltd. ABN 75 493 363 262;

CIPQ means Construction Income Protection Queensland Ltd (ACN 110 841 962);

Code means the Code for Tendering and Performance of Building Work 2016;

Double time and a half means one and a half day's wages in addition to the Employee's ordinary time rate of pay or pro rata if there is more or less than a day;

Employee means an employee of the Employer;

Employer means John Holland Queensland Pty Ltd (67 133 069 280);

FW Act means the Fair Work Act 2009 (Cth); **FWC** means the Fair Work Commission;

Inclement c means the existence of rain or abnormal climatic conditions (whether hail, extreme cold, high wind, severe dust storm, fog, extreme high temperature, lightening, smoke or thelike or any combination of these conditions) where it is not reasonable or it is unsafe to continue working in those conditions.

Injury shall have the same definition as the Workers' Compensation and Rehabilitation Act 2003 (Qld), the Workers' Compensation Act 2015 (NT), as applicable;

Kept waiting for wages on pay day means all such time spent waiting, wherever the waiting is done

Parties means the Company, the Employees and/or the Union as the context requires;

QBCC means the Queensland Building and Construction Commission

QIRC means Queensland Industrial Relations Commission;

Overtime means any time worked in excess of or outside of the ordinary working hours;

Redundancy means a situation where an Employee ceases to be employed by the Employer, other than for reasons of serious and willful misconduct. **Redundant** has a corresponding meaning;

SGL means Superannuation Guarantee Levy;

Special Class Dogman means a dogman having no less than 12 months on the job experience in dogging tower cranes and, having obtained a 'Verification of Competency (VOC) for the particular tower crane;

Special Class Tradesperson means a tradesperson who is engaged on work which requires the use of complex, high quality trade skills and experience which are not generally exercised in normal construction work. For the purpose of this definition, complex and high quality trade skills and experience will be deemed to be acquired by the tradesperson:

(a) Having had not less than 12 months' on-the-job experience of such skilled work, and

(b) Having, by satisfactory completion of a prescribed post trade course, or other approved course, or the achievement of knowledge and competency by other means including the on-the-job experience, as will enable the tradesperson to perform such work unsupervised where necessary and practical, to the required standard of expertise/skill;

Total Cost of Work means the total value of the project declared to QLeave or NT Build

Union Delegate means an Employee elected by Union members and endorsed by the Union to represent the interests of Union members. All parties to this Agreement shall be notified as soon as practicable after the election of a Union Delegate;

Union or CFMEU means The Construction, Forestry, Maritime, Mining and Energy Union (Queensland Northern Territory Construction and General Divisional Branch);

WHS Act means the Work Health and Safety Act 2011 (Qld) or the Work Health and Safety (National Uniform Legislation) Act 2012 (NT), where applicable;

WHS EPH means Workplace Health and Safety Entry Permit Holders under the WHS Act;

Workplace Impairment Policy and Procedures means the Workplace Impairment Policy and Procedures found in APPENDIX 4.

3. DATE OF OPERATION

3.1 This Agreement remains in force until 31/12/2022. The Agreement will continue to apply beyond its expiration date until it is replaced by another agreement.

4. APPLICATION OF AGREEMENT

4.1 This Agreement applies to:

(a) John Holland Queensland Pty Ltd (the Employer);

(b) the CFMEU (the Union); and

(c) all Employees of the Employer engaged in general building and construction (as defined by the Award) work and for whom classifications and rates of pay are provided by this Agreement (the Employee).

Collectively known as Parties

4.2 This Agreement only applies to work done in Queensland or Northern Territory and to work temporarily done outside Queensland or Northern Territory by Employees who are based in Queensland or Northern Territory, except where employees are covered by a subsequent greenfields agreement made under s.182(3) of the Fair Work Act 2009(Cth) and approved by the Fair Work Commission.

4.3 Associated Entity

(a) In accordance with Division 2 of Part 2-8 of the Fair Work Act, where an Employee transfers to an Associated Entity of the Employer and performs the same work or substantially the same work for the Associated Entity of the Employer, the Agreement will continue to cover the Employee.

(b) For clarity, this clause does not apply to a circumstance where an Employee commences employment with the associated entity more than 3 months after the Employee ceases working for the Employer.

5. PARTIES BOUND AND COVERED

5.1 This Agreement is legally binding upon and covers the Employer, its Employees and The Construction, Forestry, Maritime, Mining and Energy Union.

6. RELATIONSHIP TO AWARDS, AGREEMENTS, AND OTHER DOCUMENTS

6.1 This Agreement is intended to be interpreted in conjunction with the Building and Construction General On-Site Award 2020, Mobile Crane Hiring Award 2020, and the terms of the Workplace Impairment Policy and Procedures in APPENDIX 4, QIRC Order (No. B585 of 2003) Apprentices' and Trainees' Wages and Conditions (excluding certainQueensland Government entities) 2003 as it was immediately prior to its rescission.

6.2 Where this Agreement is silent, the terms of the above documents as amended from time to time during their life, apply. Where there is conflict between a term of this Agreement and a term of the above documents, or a conflict between two terms of thisAgreement, the higher wage outcome or other outcome more favourable to the Employee will apply.

7. DISPUTES SETTLEMENT PROCEDURE

7.1 A major objective of this Agreement is to eliminate lost time and/or production arisingout of disputes or grievances. Disputes over any work related or industrial matter or any matters arising out of the operation of the Agreement or incidental to the operationof the Agreement should be dealt with as close to its source as possible. Disputes over matters arising from this Agreement (or any other dispute related to the employment relationship or the NES, including subsections 65(5) or 76(4) of the Fair Work Act) shallbe dealt with according to the following procedure.

7.2 The pre-dispute status quo shall prevail while the matter is being dealt with in accordance with this procedure.

7.3 All Employees have the right to appoint a representative in relation to a dispute. It is the express priority of all Parties to attempt to settle a dispute at the workplace level atfirst instance.

7.4 In the event of any work related grievance arising between the Employer and an Employee or Employees, the matter shall be dealt with in the following manner:

(a) The matter shall be first submitted by the Employee/s or his/her job delegate/ employee representative or other representative, to the site foreperson/supervisor or the other appropriate site representative of the Employer and if not settled, to a more senior representative of the Employer.

(b) Alternatively, the Employer may submit an issue to the Employee/s who may seek the assistance and involvement of the job delegate/employee representative or other representative.

(c) If still not resolved, there may be discussions between the relevant Union official (if requested by the employee/s), or other representative of the employee, and senior representative of the Employer.

(d) Should the matter remain unresolved, either of the parties or their representative shall refer the dispute at first instance to FWC for review. FWC may exercise conciliation and/or arbitration powers in such review.

7.5 This procedure shall be followed in good faith without unreasonable delay.

7.6 If any party fails or refuses to follow any step of this procedure the non breaching partywill not be obligated to continue through the remaining steps of the procedure, and may immediately seek relief by application to FWC.

7.7 Any resolution of a dispute under this clause by the FWC will not be inconsistent with legislative obligations or any other applicable Codes or Regulations.

8. CONSULTATION

8.1 Effective consultation is essential for continuous workplace reform and such consultation can take place at any time during the life of a Project.

8.2 Consultative Committees may be set up for this purpose.

8.3 If the Employer is considering a decision to introduce a major workplace change that islikely to have a Significant Effect on a number of Employees, the Employer must notify the Employee(s) who will be affected by the decision.

8.4 As soon as practicable and prior to implementation, the Employer must discuss with the relevant Employees and/or their nominated representative/s (e.g. Union or other representative) the introduction of the change; and the effect the change is likely to have on the employees. The Employer must discuss measures to avert or mitigate the adverse effect of the change on the Employees.

8.5 For the purposes of the discussion the Employer will provide the relevant Employees and/or their nominated representative/s in writing:

(a) All relevant information about the change including the nature of the change proposed;

(b) Information about the expected effects of the change on the Employees; and

(c) Any other matters likely to affect the Employees.

8.6 However, the Employer is not required to disclose confidential or commercially sensitive information.

8.7 The Employer must give prompt and genuine consideration to matters raised about the major change by the relevant Employees.

8.8 "**Significant Effect**" under clause 8.3 above includes termination of employment (including redundancy), major changes in the composition, operation or size of the Employer's workforce or in the skills required, the elimination or diminution of job opportunities, promotion opportunities or job tenure; the alteration of hours of work; any changes to employment practices that result in privacy concerns for employees such as implementation of electronic inductions and/or access systems; the need for retraining or transfer of Employees to other work areas or locations and the restructuring of jobs.

8.9 Consultation about changes to rosters or hours of work

Where the Employer proposes to change an Employee's regular roster or ordinary hoursof work, the Employer must consult with the Employee(s) affected and, if required their representative, about the proposed change.

8.10 As soon as practicable after proposing to introduce the change, the Employer must:

(a) discuss with the relevant Employees the introduction of the change; and

(b) if requested by the Employees, and for the purposes of the discussion, provide to the relevant Employees and their representative details of the following in writing:

(i) all relevant information about the change, including the nature of the change; and

(ii) information about what the Employer reasonably believes will be the effects of the change on the Employees; and

(iii) information about any other matters that the Employer reasonably believes are likely to affect the Employees; and

(c) invite the Employee(s) affected and any applicable representatives, to give their views about the impact of the proposed change (including any impact in relation to their family or caring responsibilities), and give consideration to any views about the impact of the proposed change that are given by the Employee(s) concerned and/or their Union.

(d) The requirement to consult under this clause does not apply where an Employee has irregular, sporadic or unpredictable working hours.

8.11 These provisions are to be read in conjunction with other Agreement or Award provisions concerning the scheduling of work and notice requirements.

9. PROCEDURE FOR DEALING WITH SAFETY ISSUES OR INCIDENTS

9.1. The Employer, the Employees and the Union agree that for the purposes of s. 81 of theWHS Act matters about work health and safety arising at the workplace shall be resolved in accordance with this procedure.

9.2. The Parties agree that for the purposes of this procedure and s. 81(3) of the WHS Act the following persons shall be the representatives of the following parties:

(a) the Principal Contractor (as defined in the WHS Act) - Site Manager or any other person nominated by the Principal Contractor;

(b) the Employers - the Site Manager or any other person nominated by the Employer(s); and

(c) The Employees - person nominated by the Employee (e.g. Union or other representative).

(collectively referred to as "Nominated Parties")

9.3. The Nominated Parties agree that representatives shall be entitled to:

(a) inspect any work system, plant, substance, structure or other thing relevant to resolving the issue;

(b) consult with relevant Employees in relation to resolving the issue;

(c) consult with the relevant PCBU (as defined in the WHS Act) about resolving the issue;

(d) inspect and take copies of any document that is directly relevant to resolving the issue; and

(e) advise any person whom the representative reasonably believes to be exposed to a serious risk to his or her health and safety, emanating from an immediate and imminent exposure to a hazard of that risk.

9.4. The Nominated Parties and/or their representatives may commence the procedure by informing, either by themselves or their representative, the other Parties and/or representatives that:

(i) there is an issue to be resolved; and

(ii) the nature and scope of the issue.

9.5. As soon as the Parties and/or their representatives are informed of the issue, the Nominated Parties and/or their representatives must meet or communicate with each other to attempt to resolve the issue.

9.6. The Nominated Parties and/or their representatives must have regard to all relevant matters including:

(a) the degree and imminent risk to the Employees or other persons affected by the issue;

(b) the number and location of Employees and other persons affected by the issue;

(c) the measures both temporary and permanent that must be implemented to resolve the issue;

(d) who will be responsible for implementing the resolution measures;

(e) whether the hazard or risk can be isolated; and

(f) the time that may elapse before the hazard or risk is permanently corrected.

9.7. Once the issue is resolved details of the issue and its resolution may be set out in writing if requested by any affected party to an issue. If a written resolution is prepared in accordance with this clause, all Parties and/or their representatives must be satisfied that

the agreement reflects the resolution of the issue with a copy given to all Nominated Parties.

9.8. and/or their representatives to the issue. The issue, once resolved, shall be recorded in the nextsafety committee meeting minutes with the agreed resolution

9.9. The Nominated Parties and/or their representatives must make reasonable efforts to achieve a timely and final resolution of the issue. If within a reasonable time there is still no resolution, any of the Nominated Parties attempting to resolve the issue may then ask Work Health and Safety Queensland, and/or the QBCC, where applicable, to arrange for an inspector to attend the workplace to assist in resolving the issue.

9.10. Direction to cease work

(a) If -

(i) an issue concerning health or safety arises at a workplace or from the conduct of the undertaking of the Employer; and

(ii) the issue concerns work which involves an immediate threat to the health or safety of any person; and

(iii) given the nature of the threat and degree of risk, it is not appropriate to adopt the processes set out in clause 9.7 above-

(b) the Employer and/or the health and safety representative for the designated work group in relation to which the issue has arisen may, after consultation between them, direct that the work is to cease.

(c) During any period for which work has ceased in accordance with such a direction, the Employer may assign any Employees whose work is affected to suitable and safe alternative work.

10. HEALTH AND SAFETY REPRESENTATIVES

10.1 The Employer and its Employees will comply with Part 5 of the WHS Act – Consultation, representation and participation in relation to the establishment of a health and safety committee;

10.2 The health and safety representative/s (**HSR**) shall be elected by the Employees on thejob on a democratic basis, and shall be subject to recall by a similar process.

10.3 Parties covered by this Agreement recognise the important role of HSRs. The HSRs havea key role in the early intervention in health and safety issues under this Agreement.

10.4 The HSR shall be allowed to consult with the principal contractor, or persons acting on his/her behalf, on matters directly concerned with safety of workers, and promote thesafe conduct of work generally.

11. HEALTH AND SAFETY REPRESENTATIVE MEETINGS

11.1 A health & safety representative will be allowed reasonable paid time during working hours to attend to occupational health and safety matters affecting employees he/she represents providing that the Representative informs their manager.

12. HOT WEATHER GUIDELINES

12.1 Under this Agreement when air temperature reaches

(a) 35°C; or

(b) 29°C and 75% humidity or more, after three hours from commencement of the shift in southeast Queensland it shall constitute inclement weather (Extreme Hot Weather).

This definition will be subject to review in other regions. This clause 12 must be incorporated in the Employer's OHS Procedures for all applicable projects.

12.2 Before finishing work, Employees should be alerted to possible Extreme Hot Weather forecasted for the following day by the PCBU, Site manager, and HSRs. This will allow preparation for works to be modified to reduce this category of heat exposure in accordance with clause 12.3 below. For forecasting, planning and guidance the Bureauof Meteorology (BOM) shall be used for weather observations. BOM weather stations used for weather observations shall be the closest to the project and or with similar weather conditions.

12.3 When Extreme Hot Weather is forecasted for the following day, the Employer's Site Manager, WHS Committee and WHS Representatives will consult and determine what actions are to be taken to reduce exposure and modify the workload prior to the Extreme Hot Weather, which may include:

(a) rescheduling work so that certain tasks are performed during the cooler part of the day, or on another day;

(b) reducing the time spent doing hot tasks (for example, by job rotation);

(c) arranging for more workers to do the job;

(d) providing extra rest breaks in a cool area;

(e) providing cool drinking water and ice (machines) near the work site.

(f) increasing air movement by fans or coolers

(g) installing shade cloth to reduce radiant heat from the sun

(h) consideration should be given to working an eight hour day.

12.4 Once the temperature reaches Extreme Hot Weather, the following process will be followed:

(a) Where the temperature reaches 35°C, there will be an orderly cessation of work and preparations for safe completions of critical tasks currently under way and/or applicable modifications to the workload as described in clause 12.5 below.

(b) where the temperature is 29°C and 75% humidity or more after three hours from the commencement of a shift, there will be an orderly cessation of work and preparations for safe completions of critical tasks currently under way and/or applicable modifications to the workload as described in clause 12.5 below.

12.5 If there are areas of the workplace that are below any Extreme Hot Weather, work shall continue as normal in those areas, Employees unable to work elsewhere may be transferred to these areas if work is available. Employees may walk a reasonable

distance through the open to and from amenities, provided it does not pose animminent risk to their health or safety. The primary objective is to ensure that there is no reasonable concern for an Employee undertaking the work of an imminent risk to their health or safety,

12.6 Extreme Hot Weather shall be measured on site by a temperature gauge and/or BOM weather station (if close proximity to project with similar climatic conditions) compliantto Australian Standards and shall be undertaken in accordance with the manufacturer's operating instructions. The Parties agree that a measurement taken using the Wet Bulb Globe Temperature index will be an acceptable method of measuring extreme high temperature. It is the responsibility of the PCBU implement these guidelines.

13. AIR QUALITY PROCEDURE

13.1 **Definitions**

(a) Acceptable Air Quality

Air Quality Index (AQI) is categorized as very good to fair by the Queensland Departmentof Environment and Science.

PM2.5 are tiny particles in the air that reduce visibility and cause air to appear hazy whenlevels are elevated. They can by carcinogenic, as advised by the World Health Organisation. Where possible, PM2.5 readings shall be the preferred test for acceptable air quality.

(b) Bushfire smoke

Bushfire smoke is a mixture of different-sized particles, water vapor and gases, includingcarbon monoxide, carbon dioxide and nitrogen oxides. During bushfires and similar events, large amounts of finer particles are released that are small enough to breathe deep into the lungs and can cause adverse health effects. These chemicals are known "Cancer Causing Agents"

13.2 The Employer must verify that their work area is within a safe range for air quality as defined by the Queensland Department of Environment and Science.

13.3 **Air Quality Procedure**

(a) The PCBU, Site Manager and WHS Reps must alert workers the day before extreme or excessive poor air quality conditions are expected.

(b) Once the air quality index reaches above 50µG per m3 and stays above 50µG x m3 for three consecutive hours during a work period, there will be an orderly cessation of work and preparation for safe completion of critical tasks.

(c) Once the air quality index reaches 75µG perm3 there will be an immediate cessation of work with only safe completion of critical tasks allowable.

(d) Inclement weather provisions of the Award shall be invoked. To be clear, all the provisions contained in clause 24 of the Award shall apply in instances of poor air quality, including 2.13.

13.4 All air quality related incidents are to be reported to the employer, site safety coordinator, WHS Committee and any relevant employee representative`s immediately.

14. INCLUSION

14.1 The Parties recognise that everyone is entitled to work in an environment that is free of discrimination, harassment and bullying. It is the Employer's responsibility to ensure it complies with relevant legislative requirements including the Anti-Discrimination Act1991 (Qld).

First Nations People

14.2 The Employer recognises there is a significant population of First Nations People within Queensland. The Employer shall use best endeavours to employ a minimum of 5% of its total workforce who identify as First Nations People.

14.3 The Employer will ensure that all Employees receive cultural awareness training as part of the induction process to ensure that all workers are made aware of the history and spiritual connection that traditional owners have with each area where work takes place.

14.4 A 'Welcome to Country' ceremony will be arranged with the Traditional Owners when the number of workers at a workplace reaches 50, as part of the Employers commitment to the principles of social, restorative justice and cultural affirmation.

The Employer will also implement policies that ensure:

(a) access to annual leave for participation in cultural and ceremonial activities;

(b) skill and career development opportunities for First Nations Employees;

(c) the development of retention and promotion for First Nations Employees.

14.5 Where the workplace is a construction site, the Employer's obligations in 14.2 and 14.3will be deemed to have been met, if provided by the principal contractor on the site.

Women in the Industry

14.6 Parties respect equal employment opportunity and it is recognised the demographic of the construction industry could be more diverse. To that end, the Parties support the promotion of women into the industry and shall discuss means to achieve this objective including ways to encourage and assist women to seek and maintain employment in the construction industry.

14.7 At a minimum, female toilets with sanitary bins shall be provided at all workplaces where women work. In determining the location of the amenities the Employer must consider the most appropriate balance of privacy, safety and security.

14.8 The parties recognise the right of women to feel safe at work. Sexual harassment, intimidation, ostracism or any other unacceptable behaviour will not be tolerated, and may result disciplinary action in accordance with this agreement.

Mature Age Workers

14.9 The parties recognise that a lifetime in the construction industry can take its toll on a persons body and mind. Wherever possible, the Employer shall implement measures to encourage the retention of older employees. To the extent possible, this includes (but is not limited to) the preservation of jobs such as hoist operators and peggies for workers over the age of 50.

15. SECURITY OF PERSONAL INFORMATION

15.1 For the purpose of this clause “personal information” has the meaning given to it in the Privacy Act 1988 (Cth).

15.2 The company undertakes not to pass on or sell Employees’ personal information (either directly or indirectly, for example through contractual arrangements with clients), except to comply with a direction from a Government authority.

16. SITE ACCESS SYSTEMS AND INDUCTIONS

16.1 Site access issues shall be discussed between the Parties.

16.2 The particular type of site access system to be installed will be reviewed for each project having regard to client requirements, the project’s hours of work, work force numbersand available technology in order to alleviate ’bottle necks’ and inconvenience to workers in its operations.

16.3 The Company will comply with the Australian Privacy Principles in the Privacy Act 1988(Cth) in relation to any personal information (for the purpose of this clause “personal information” has the meaning given to it in the Privacy Act 1988 (Cth)) they hold in relation to Employees.

16.4 The company undertakes that, to ensure the highest level of compliance with Health and Safety legislation, all inductions shall be conducted “face to face” and on the job. Further, all inductions shall include site specific hazards and requirements for each project. Industry specific inductions that cannot be conducted onsite, and are required by law (such as General Construction Induction, or Rail Industry Safety Induction etc) are excluded from the operation of this clause.

17. TOOL BOX MEETINGS

17.1 At least one tool box meeting will be convened by the Employer per site each month to facilitate and foster communication and consultation. Items to be discussed at each meeting may include: programming of site work, site issues, Workplace Health and Safety, job design, productivity issues, management policies, agreement compliance, wages and conditions, compliance with statutory obligations and any other relevant issue raised. Notice of the meeting will be given at least one (1) week prior to the scheduled date.

18. CONTRACT OF EMPLOYMENT

18.1 At the point of engagement of each Employee, the Employer must inform the person in writing whether the engagement is on a permanent or casual basis, stating by whom the Employee is employed, the job performed, the classification level, and the relevantrate of pay. Each new Employee shall upon commencement also be provided with a copy of this Agreement, or alternatively, access to the Agreement in electronic format at the discretion of the Employee.

18.2 The Employer may direct an Employee to carry out such duties as are reasonably withinthe limits of the Employee's skill, competence and training consistent with the Employee's classification provided that such duties do not promote deskilling.

18.3 If an Employee is absent from work for a period for which they have or will claim workers' compensation, the Employee's contract of employment shall remain intact during the period of absence. The Employer shall continue to make contributions (and where applicable, reports of service) on behalf of the Employee to CBUS/BUSS(Q), BERT, BEWT, CIPQ and Qleave or NTBuild or other funds nominated herein. The Employee shall also continue to accrue all appropriate leave entitlements for the first twelve months of the Employee's absence due to the workers compensation claim.

19. EFFECTIVE WORK ORGANISATION

Effective Work Organisation refers to methods of organising work so that Employee and Employer objectives can be achieved efficiently, sustainably and safely, producing results which are acceptable to all concerned.

19.1 Where the Employer is the principal contractor, or they are required under contract to provide the following key site attendant roles on a project, the Employer will use its best endeavours to engage these employee`s directly;

(a) First aid attendants;

(b) Amenities attendants;

(c) Hoist drivers (including builders' lift drivers);

(d) Crane crews (except where supplied by a specialist company or subcontractor)

(e) Gate persons; and

(f) Primary traffic attendant roles (except where supplied by a subcontractor as an ancillary aspect of their scope of works or where there is a legal requirement).

19.2 The parties acknowledge that traditional trade based training through apprenticeships, was one of the best paths for career development in the construction industry. Where the Employer is the principal contractor, the Employer agrees to consult during the life of this agreement regarding the direct engagement of tradespeople including apprentices.

19.3 The Employer will consult with affected Employees and/or their nominated representatives regarding the implementation of this clause, taking into consideration factors such as project size and location.

20. CASUAL EMPLOYMENT

20.1 A casual Employee is an Employee employed on an occasional basis and whose work pattern is not regular and systematic. When a person is engaged as a casual employee they will be informed in writing that the Employee is to be employed as a casual, the job to be performed, the classification level, the actual or likely length of engagement including number of hours to be worked per week, and the relevant rate of pay.

20.2 A casual Employee shall be entitled to all of the applicable rates and conditions of employment prescribed by this Agreement except annual leave, personal leave, and payment for public holidays on which no work is performed. A casual Employee is entitled to unpaid bereavement and carer's leave.

20.3 Except on Saturdays and Sundays, on each occasion a casual Employee is required to attend work, the Employee shall be entitled to payment for a minimum of eight (8) hours work (with 0.8 of an hour on each of these days accruing toward an RDO) plus therelevant fares and travel allowance prescribed by clause 30.3 below. On Saturdays and Sundays, a casual Employee is entitled to payment for a minimum of four (4) hours, plusthe relevant fares and travel allowance prescribed by clause 30.3 below.

20.4 A casual Employee for working ordinary time shall be paid 125% of the hourly rate prescribed in APPENDIX 1 for the Employee's classification.

20.5 A casual Employee required to work Overtime or weekend work shall be entitled to the relevant penalty rates prescribed in this Agreement:

(a) where the relevant penalty rate is time and a half, the Employee shall be paid 175% of the hourly rate prescribed by clause 28 below and APPENDIX 1 for the Employee's classification;

(b) where the relevant penalty rate is double time, the Employee shall be paid 225% of the hourly rate prescribed by clause 28 below and APPENDIX 1 for the Employee's classification; and

(c) where the relevant penalty is a public holiday, the Employee shall be paid 275% of the hourly rate prescribed by clause 28 below and APPENDIX 1 for the Employee's classification.

20.6 For the purposes of clarity, the applicable contributions to CBUS/BUSS(Q), BERT, CIPQ and BEWT or other funds nominated herein, must be made by the Employer in respectof casual Employees. A casual Employee shall also be entitled to receive, in addition to their casual rate, penalty payments for Overtime, work performed on weekends, work performed on public holidays and RDOs.

20.7 Termination of all casual engagements shall require one hour's notice by either the Employer or Employee, or the payment or forfeiture of one hour's pay, as the case maybe. This clause will not reduce the entitlements of injured Employees.

20.8 **Casual Conversion**

(a) A casual Employee, who has been engaged by the Employer on a regular and systematic basis for a period in excess of 6 weeks, thereafter has the right to request in writing to have their contract of employment converted to permanent employment if the employment is to continue beyond the conversion process. The decision as to whether a regularly and systematically engaged casual employee is made permanent is a decision of the Employer.

(b) A casual Employee, who has requested in writing to be converted to permanent employment pursuant to clause (a) above whose request is refused by the Employer, is entitled to be paid 175 percent of the hourly rate prescribed in this Agreement for the Employee's classification.

(c) For the purposes of this clause, "regular and systematic" shall be defined as an average of 4 days or more over 6 weeks.

21. APPRENTICES/TRAINEES

21.1 Apprentices/Trainees shall be entitled to all of the applicable rates and conditions of employment prescribed by this Agreement.

21.2 For clarification, in addition to the rates in APPENDIX 1, Trainees are entitled to receivefull Daily Travel, BERT, BEWT, CIPQ, Superannuation and any other entitlements in accordance with this document. Such entitlements shall not be paid at rates applicableto Apprentices.

21.3 Training arrangements for Apprentices/Trainees shall be as provided in QIRC Order (No.B585 of 2003) Apprentices' and Trainees' Wages and Conditions (Excluding Certain Queensland Government Entities) 2003.

21.4 Apprentices/Trainees shall be entitled to be paid the daily fares and travel allowance whilst attending training.

21.5 The Employer shall be responsible for meeting all costs associated with Apprenticeship/Traineeship training, including any student registration, tuition fee or other course costs.

21.6 During the first year of an Apprenticeship, tools to the minimum retail value of $600.00shall be supplied by the Employer within a period of three months after the expiry of the probationary period or within a period of six months from the date of commencement of the employment, whichever first occurs.

21.7 During the second and subsequent years (or part of a year) of apprenticeship tools to the retail value of $600.00 shall be supplied by the Employer within a period of three months from the commencement date of each such year (or part of a year) of the indentured Apprenticeship.

21.8 Where an Apprentice has entered a Competency Based Training Agreement, the provision of tools will be on the following basis:

(a) During the term of Apprenticeship, an Employer shall, in respect of each level of the Apprenticeship program, supply the Apprentice with tools of trade, to a minimum retail value of $600.00;

(b) The supply of tools of trade for each level of the program shall be linked to the successful achievement of competencies or, where appropriate, the demonstration of approved levels of progression towards the achievement of competencies as prescribed by the relevant National Training Package or in the relevant Award;

(c) Supply of tools will occur no later than three (3) months after the expiry of the probationary period or within a period of six (6) months from the date of commencement of the employment, whichever first occurs, and no later than three (3) months into subsequent levels of the Apprenticeship;

(d) Apprentices employed under part-time or school based arrangements shall be entitled to a supply of tools consistent with the requirements as outlined in clause 21.6 and clause 21.7 above.

21.9 **Apprentice Training**

The Employer recognises that in order to increase the efficiency and productivity of the Employer, a significant commitment to structured training and skill development is required. They also recognise the importance of the apprenticeship system to the construction industry. Therefore, the Parties agree:

(a) If the Employer employs seven (7) or more tradespeople in any one classification it undertakes to employ an apprentice(s) or make arrangements to host an apprentice from an agreed scheme.

(b) The Employer is committed to ensuring that apprentices receive appropriate on the job training by experienced tradespeople and apprentice numbers are maximised, to this end the Employer will endeavor to maintain at least one apprentice to every seven (7) tradespeople.

21.10 If the Employer does not currently have an apprentice as provided for in paragraph (a) above, reasonable time shall be allowed to enable the Employer to comply with this clause. Further, the Parties are committed to a strong ratio of apprentices in the industry.

22. ADULT APPRENTICES

Adult apprentices are apprentices who commence their apprenticeship at the age of 21 years or older. Adult apprentices engaged under any of the classifications set out in clause1 of this Appendix will be paid a minimum rate equal to the rate of pay for a second year apprentice, for the first two years of the apprenticeship, then on parity with other apprentices for the third and fourth years.

23. TRAINING AND RELATED MATTERS

23.1 The parties are committed to the promotion of a highly skilled industry that delivers ongoing employment opportunities and a world-class end product through an efficient and safe construction process. To this end, the Employer agrees that appropriate training, including the engagement and training of apprentices, and skills development for the workforce will be provided during the term of this agreement.

23.2 The Employer will implement a policy where all Employees will have their current skills assessed against those required in the nationally recognised formal training package relevant to their work. Where any skill deficiencies are identified through the assessment process, the necessary training will be provided to attain the relevant nationally recognised formal qualification.

23.3 Where possible training and skill development is to be carried out in normal working hours. It is agreed that the Employer will bear all costs associated with the provision of the training, including costs and material costs and the provision of the Employee's wages for the period of the training.

HSR training

23.4 Any Employees elected as a workplace HSR will undertake a training course approved by the State or Territory Government and provided by the Employer within six weeks of being elected, at no cost to the Employee.

Asbestos Awareness Training

23.5 The Employer agrees that it will schedule training in the nationally accredited asbestos awareness training course 10279NAT Identification and Awareness of Asbestos Containing Materials. The training shall be completed within 3 months of the commencement of this agreement, or within 3 months of commencement of each new employee.

Silica Dust Training

The Employer agrees that it will schedule training in the nationally accredited silica dust management course 10830NAT Course in Crystalline Silica Exposure Prevention. The

training shall be completed within 3 months of the commencement of this agreement,or within 3 months of commencement of each new employee.

23.6 The Employer agrees that it will, within 7 days of receiving a written request from an Employee, provide:

(a) evidence to demonstrate the positive commitment to training and skill development; and

(b) the information as to the number of apprentices and visa holders engaged by the Employer;

(c) each of which it is required to provide to the funding entity in accordance with Clause 24(2) of the Code.

23.7 Nothing in this subclause requires the Employer to provide information in a manner thatis inconsistent with the Privacy Act 1988 (Cth).

24. JOB SECURITY

24.1 Without limiting the Employer's right to determine its operational requirements the Parties to this Agreement will encourage the continuity of employment for permanentemployees with the aim of ensuring that permanent employment opportunities are note liminated or eroded insofar as it is reasonably practicable to do so.

24.2 In order to maximise the continuity and security of employment for Employees and to ensure that the Employer's equipment is operated only by qualified, experienced and capable persons, the Employer agrees that in relation to the operation of tower cranes all tower cranes which are hired out by the Employer (or by an associated entity of the Employer), and which are capable of being operated by Employees of the Employer shallbe supplied with a suitably qualified crane crew who is a current Employee of the Employer for the duration of the hire period. The Employer will consult with affected Employees and/or their nominated representatives regarding the implementation of this clause, taking into consideration factors such as project size and location.

25. EMPLOYMENT SECURITY

25.1 The Employer recognises that in certain circumstances the use of contractors and labour hire may affect the job security of Employees covered by this Agreement.

25.2 The Employer is also committed to maintaining a stable and skilled workforce, having regard to the contribution that a stable and skilled up workforce has for Employee's job security. The Employer also acknowledges that use of subcontractors or supplementary labour may amount to a workplace concern on the part of Employees. The Employer will take all reasonable measures to achieve employment security for the Employees insofar as it is practicable to do so.

25.3 If the Employer wishes to engage subcontractors or supplementary labour to perform work which is usually performed by its own Employees under this Agreement, the Employer must consider any matters raised in consultation by potentially affected Employees and/or their nominated representatives, before making any final decision toengage subcontractors or supplementary labour.

25.4 Following consultation and subject to this clause, the decision whether to engage subcontractors or supplementary labour is a decision of the Employer alone. Any dispute as to the application of this clause will be dealt with under the disputes settlement procedure under this Agreement. The Employer will ensure that all subcontractors are bona fide contractors and engage their employees on lawful terms and conditions.

25.5 As soon as practicable after being awarded a contract, upon request from the Union Delegate, the Employer shall inform the Union via its Union Delegate which subcontractors have been engaged for the project.

26. TERMINATION

26.1 Employment may be terminated by the Employer due to performance/general misconduct, serious and willful misconduct, or Redundancy.

Performance/General Misconduct

26.2 In the event that an Employee fails to maintain satisfactory performance levels in the case of general misconduct (e.g., lateness for work), the following 3 step counselling procedure will be applied. This procedure does not apply for Redundancy situations. An Employee may elect at any step to have their employee representative or any other person or persons of his or her choice, present. The Employee must be given an opportunity to respond to each allegation. At the request of the Employee, copies of any written warnings will be given to the employee representative or any other party to this Agreement.

26.3 Step 1- First Written Warning

(a) The Employer will have a discussion with the Employee, and the Employer will advise the Employee of the problems that the Employer believes exist in relation to the Employee's conduct. If appropriate the Employer will then issue a written warning detailing:

(i) The issues of concern; and

(ii) The standards of improvement required.

26.4 Step 2- Final Written Warning

(a) If the Employee fails to meet the standards of improvement in accordance with Step 1 within a reasonable period of time, the Employer will have a further discussion with the Employee in which it will advise the Employee of the problems the Employer believes exists in relation to the Employee's conduct. If appropriate the Employer will then issue a final written warning detailing:

(i) The issues of concern; and

(ii) The standards of improvement required; and

(iii) That it is a final written warning and that failure to meet the standards of improvement stated therein may lead to dismissal.

(b) If an Employee does not repeat the same offence which produced the need for the final warning, within 6 months of the warning, the final warning advice becomes null and void and cannot be considered grounds for dismissal.

26.5 Step 3- Dismissal

(a) If after receiving a final warning, the Employee repeats the same conduct within a period of 6 months, then the Employee may be dismissed. A written notice of dismissal will be provided to the Employee by the Employer outlining the reasons for the dismissal.

26.6 The Employer shall provide to each terminated Employee a written statement specifying the period of employment and the classification or type of work performed by the Employee.

26.7 The Employer shall pay each terminated Employee all accrued entitlements and other wages owing within two business days of termination or the Employee shall be entitled to claim payment for all time spent waiting for the wages up to a maximum of 8 hours pay per day (including Saturday and Sunday). This claim shall be regardless of whether or not the Employee remains on the job).

26.8 The Employer shall pay each dismissed Employee for any public holiday that occurs in the period of annual leave that would have been payable had the Employee commenced annual leave on the date of termination. Where the Employee's leave balance would not include public holidays occurring within the 10 working days (excluding weekends) following termination, the Employee shall receive payment for these days.

26.9 In cases where the Employer is considering transferring, or terminating the services of an elected Union Delegate, employee representative, or a HSR, a five-day mandatory consultation period shall be initiated by the Employer with the Union prior to any final decision on transfer or termination being made. The affected Employee and their nominated representative will be immediately advised in writing of the initiation of the consultation period and shall remain on the job during the consultation process. If the Employer fails to comply with any of these requirements, the notice period that the Employer must give to the affected Employee shall be increased to four weeks.

27. REDUNDANCY

27.1 The Employer will utilise BERT to meet all of the liabilities for Redundancy payments and further to ensure that an amount equal to the credit balance of the Employee's account in the Employee's Redundancy fund is paid to the Employee when the Employee is entitled to that payment pursuant to the terms of the Employee's Redundancy fund.

27.2 For projects where the Total Cost of Work is $50m or greater, the Employer will contribute on behalf of each Employee the following minimum weekly amount:

(a) $115.00 per Employee for the life of this agreement;

27.3 At the same time contributions are made to the Employee's Redundancy fund, the Employer must pay to the Trustee of the Building Employees Welfare Trust (BEWT) or other similar fund nominated by the Union an amount equal to the following:

(a) $14.90 per Employee for the life of this agreement;

27.4 For projects where the Total Cost of Work is less than $50m, the Employer will contribute on behalf of each Employee the following minimum weekly amount:

(a) $54 per employee for the life of this agreement;

27.5 At the same time contributions are made to the Employee's Redundancy fund, the Employer must pay to the Trustee of the Building Employees Welfare Trust (BEWT) or other similar fund nominated by the Union an amount equal to the following:

(a) $6 per employee for the life of this agreement;

27.6 Where an employee has worked on multiple sites during the week, the higher contributions for BERT and BEWT outlined above will apply, provided the employee hasworked any of the week on a project where the Total Cost of Work is $50m or greater.

27.7 Apprentice contributions shall be calculated using the following percentage of the traderate:

(a) 1st stage – 50%;

(b) 2nd stage – 60%;

(c) 3rd stage – 75%;

(d) 4th stage – 90%.

27.8 Contributions will continue to be paid on behalf of an Employee during any absence onpaid leave such as annual leave, long service leave (including leave paid for by QLeave or NTBuild), public holidays, sick leave and bereavement leave. The Employer shall also be required to make contributions while an Employee is absent from work and is claiming Workers' Compensation for a maximum period of 12 months.

27.9 Where the Employee's balance in the Employee's Redundancy fund reaches $20,000.00or an amount that equals 10 weeks' wages, the Employee will have the option to continue to have contributions paid to their Redundancy fund or redirected to CBUS orBUSS(Q). It is the Employee's option only. Where an Employee exercises (or has exercised) this option, his or her Redundancy entitlement will be deemed met for all current and future entitlements arising from the current employment engagement.

27.10 Contributions to the Employee's Redundancy fund must be made, at a minimum, on a monthly basis, by no later than the 15th of the following month details of the Employer's contribution for each month including when contribution was made and for how much, are to be shown on the Employee's wage statement by the end of the second week of each subsequent month. Late payments shall attract a penalty of 10% of the total amount due, unless there is a reasonable explanation that is acceptable to the parties of this agreement.

28. WAGES

28.1 Employees must be paid wages in accordance with APPENDIX 1 from the first full pay period after the dates specified. Those rates include the following increases:

(a) 1.5% from the 1st January 2021;

(b) 3% from the 1st July 2021; and

(c) 3% from the 1st July 2022.

28.2 The wage rates detailed in APPENDIX 1 of this agreement are structured as follows:

(a) The wage rates detailed in APPENDIX 1 for classifications CW1 to CW4 inclusive include the weekly hand tool allowance (where relevant);

(b) The ordinary time hourly rate for all purposes shall be calculated by dividing the appropriate weekly rate by 36;

(c) The wage rates for classifications CW 5 and above detailed in APPENDIX 1 do not contain the weekly hand tool allowance. Where this allowance is applicable, it must be paid in addition to the rates contained in APPENDIX 1.

28.3 Wages for apprentices shall be calculated by applying a fixed percentage to the rates of specific trades as provided by the applicable award or order. Provided that the trade rate shall not include the hand tool or power tool allowances for the purpose of this calculation.

28.4 Inclement Weather (Emergency Works)

Clause 24.6 of the Award will also apply in the case of emergency work where the Employee's and the relevant HSRs concerned agree that the work is of an emergency nature and can start and/or proceed.

28.5 Inclement Weather

Where there is the existence of inclement weather clause 24 of the *Building and Construction General On-site Award 2020* shall apply. Additionally, the procedure`s listed at 24.13 of the *same Award* shall apply in all instances of inclement weather in the work place.

29. CLASSIFICATIONS

29.1 The Classification levels for Employees engaged under this agreement shall be read in accordance with the Award unless specifically amended by the terms of this Agreement. Classification levels, relativities, pay rates and other details are contained in APPENDIX1.

29.2 **Health and Safety Representative**

(a) Where an Employee is elected by Employees of the Employer as a HSR, and agrees to undertake the required training to fulfil the role, the Employee will be classified as the higher of CW4, or the Employee's usual classification. In addition, a HSR is entitled to an all-purpose hourly allowance of:

(i) $2.39 for the life of this agreement;

(b) For clarity, an Employee is only entitled to one all-purpose hourly allowance pursuant to clauses 29.2 and 29.5 below.

29.3 **Marker/Setter Out**

An Employee performing the work of a marker/setter out shall be paid an all-purpose allowance of 5% of his/her applicable hourly rate.

29.4 **Higher Duties**

Where any Employee on any day performs two or more classes of work to which different rates of pay are applicable, the Employee shall be paid at the higher hourly rate for the day if the Employee is required to work at that class of work for two (2) hours or more, and if for less than two (2) hours during any one (1) day the Employee will be paid the higher rate for the time so worked.

29.5 **Union Delegate**

(a) Where an Employee is elected by Employees of the Employer as a Union Delegate, and the Union notifies the Employer of this election, the Employee will be classified as the higher of CW4, or the Employees usual classification. In addition, a Union Delegate entitled to an all- purpose hourly allowance of:

(i) $2.39 for the life of this agreement;

(b) For clarity, an Employee is only entitled to one all-purpose hourly allowance pursuant to clauses 29.2 above and 29.5. Notwithstanding, no Union Delegate will suffer a reduction in pay as a result of the implementation of this clause.

30. ALLOWANCES

30.1. In addition to the wage rates prescribed in this Agreement, Employees shall be paid additional allowances as provided for by the Award. The rates for the various allowances shall be as provided below and/or in APPENDIX 2 of this Agreement.

30.2. The rates for all allowances shall be payable from the commencement of the first pay period after the dates specified.

30.3. **Fares and Travel Allowance**

All Employees shall be entitled to receive the fares and travel allowance in accordance with clause 25 of the Award. The rate to be paid on projects where the Total Cost of Work is $50m or greater shall be as follows:

(a) Daily Entitlement

(i) $50.00 for the life of this agreement;

(b) Apprentices shall receive the following percentage of the amount detailed above:

(i) 1st stage – 75%;

(ii) 2nd stage – 85%;

(iii) 3rd stage – 90%;

(iv) 4th stage – 95%.

(c) The rate to be paid on projects where the Total Cost of Work is less than $50m shall be in accordance with the Award

30.4. **Leading Hand**

A leading hand is an Employee who is given by the Employer, or the Employer's agent, the responsibility of directing and/or supervising the work of one or more other persons. A person specifically appointed to be a leading hand, will be paid for all purposes, the leading hand allowance appropriate for the number of persons in the Employee's charge. Additionally, a leading hand will be paid at the hourly rate of the highest classification supervised or the Employee's own hourly rate, whichever is the highest.

30.5. **Living Away from Home Allowance**

(a) Where an Employee is engaged on distant work, the provision of reasonable board and lodgings will be supplied by the Employer, at no cost to the Employee.

(b) Reasonable board and lodging means, a minimum of three adequate meals per day, and a single room (not shared) which is quiet with air conditioning/heating, suitable ventilation, comfortable and clean bedding, appropriate lighting and furnishings, an ensuite with a toilet, shower and basin both with running hot and cold water, a television and tea and coffee making facilities. All facilities must be clean and fully functioning.

(c) Where reasonable board and lodging are not available, the Employer and the Employee may agree to alternative arrangements, provided that the Employee is not placed in a financial disadvantage as a result of the alternative arrangement.

(d) Where an Employee is engaged on distant work where the Total Cost of Work is $50m or greater, the Employer will pay the Employee, in addition to all other entitlements, a daily allowance as provided by APPENDIX 2.

(e) Employees rostered for distant work must be notified in writing by the Employer. To ensure fatigue is managed safely, no Employee will be required to work on distant work for more than 14 consecutive days or have less than 7 consecutive days between engagements on distant work. Notwithstanding any other requirements in this clause 30.5, no employee will be required to be away from home for more than 3 weeks without returning home at the employers expense.

(f) An Employee may refuse to work in circumstances where the working would result in the Employee working hours which are unreasonable having regard to matters including:

(i) any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

(ii) the Employee's personal circumstances including any family responsibilities;

(iii) the needs of the workplace or enterprise;

(iv) the notice (if any) given by the Employer, and by the Employee of his or her intention to refuse it; and

(v) any other relevant matter.

(g) All time spent by Employees travelling to and from distant work will be paid as if worked during the time the travel is taken.

30.6. Power Tools

Where an Employee is specifically required to supply their own power tools (maximum of three commercial quality power tools plus a lead) by the Employer, the Employer will be responsible for all consumables and tagging and will replace all stolen tools if in an Employer lock up. Where the Employer requires the Employee to lend a power tool to another Employee, the Employer is deemed to have taken ownership of the tool and will replace the tool with a new tool of the same brand and model or an agreed alternative. The Employer will pay the rate per hour: as detailed in APPENDIX 2 of this Agreement.

30.7. **Site Allowance**

(a) A Site Allowance as detailed below will be paid as a flat amount for each hour worked and will remain unaltered for the duration of each project. At the commencement of any new project by the Employer the Employer will inform the relevant Employees of the value of the project. Where there is a dispute with the value of the project, the Qleave or NTBuild declaration of the "total cost of work" will apply.

Value of Project	**Site Allowance**
>$50m-$80m	$1.70
>$80m-$100m	$2.50;
>$100m-$200m	$3.50;
>$200m-$300m	$4.50;
>$300m-$400m	$5.00;
>$400m-$500m	$5.50;
>$500m-$600m	$6.00;
>$600m-$700m	$7.00;
>$700m	$8.00.

(b) Site Allowance is not subject to any premium or penalty and shall compensate for all disabilities other than:

(c) Heavy Blocks;

(d) Explosive Powered Tools;

(e) Scaffolder's Licence Allowance;

(f) Unbacked Insulation;

(g) Swing Stage;

(h) Height/ Multi Storey.

For these items the applicable rate in APPENDIX 2 will apply.

NB: the Living Away from Home Allowance, travel outside radial areas, transfers during working hours and all allowances referred to in clause 30 of this Agreement are not disability allowances for the purposes of this clause.

30.8. **Height Allowance**

Where the Total Cost of Work is $50m or greater, height allowance shall be paid in accordance with the rates in Appendix 2 of this agreement.

Where the Total Cost of Work is less than $50m, height allowance shall be paid in accordance with the Award.

30.9. The applicable Height and Site Allowances will be paid to Employees on a project in respect of works performed by the Employer on that project:

(i) Up to the Employer’s contractual practical completion for the last separable portionof that project, and

(ii) Also to any additional work that is continuous and carried out by the Employees of the Employer on that project post practical completion, that falls under the Employer's original contract (for example defects work).

30.10. Engagement of more than one mobile crane

(a) Where more than one mobile crane is engaged on any single lift the following additional payments shall be made:

(i) Where two mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

- From 1/7/2020 - $4.42;

(ii) Where three mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

- From 1/7/2020 - $8.50;

(iii) Where four mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

- From 1/7/2020 - $13.07;

(iv) Where more than four mobile cranes are engaged the crane crew shall be paid at the following additional amount per lift:

- From 1/7/2020 - $17.27;

31. PRODUCTIVITY SCHEMES

Productivity Schemes will be prohibited unless written agreement has been reached between the Employer and Employee.

32. SUPERANNUATION

32.1. It is agreed that the default fund under this agreement shall be BussQ.

32.2. All Employees shall be entitled to receive Employer superannuation contributions and shall also co-contribute a minimum amount from their wages.

32.3. On projects where the Total Cost of Work is $50m or greater, the Employer will contribute on behalf of each Employee the following minimum weekly amount:

(a) $255.00 per week for the life of this agreement.

32.4. On projects where the Total Cost of Work is $50m or greater, every Employee shall co-contribute by way of salary sacrifice the following minimum weekly amount:

(a) $64.00 per week for the life of this agreement.

32.5. The contributions in clauses 32.3 and 32.4 above shall be in addition to all other entitlements prescribed by this Agreement.

32.6. Contributions for apprentices shall be calculated at 12% of ordinary time earnings.

32.7. Apprentices shall co-contribute by the way of salary sacrifice 3% of ordinary time earnings.

32.8. On projects where the Total Cost of Work is less than $50m, superannuation shall be paid in accordance with the Superannuation Guarantee (Administration) Act 1992 (SGAA).

32.9. Where an employee has worked on multiple sites during the week, the higher contribution for superannuation outlined above will apply, provided the employee has worked any of the week on a project where the Total Cost of Work is $50m or greater.

32.10. The Employer will, on behalf of the Employee, forward the above amounts directly to each Employee's superannuation account at least once each calendar month.

32.11. Contributions will continue to be paid on behalf of an Employee during any absence on paid leave such as annual leave, long service leave (including leave paid for by Qleave or NTBuild), public holidays, sick leave and bereavement leave. The Employer shall also be required to make contributions while an Employee is absent from work and is claiming Workers' Compensation for a maximum period of 12 months.

32.12. Should it be established that the Employer has failed to make payments as required; the Employer shall be liable to make the appropriate contributions immediately upon being notified of the non-compliance. Further, the Employer shall pay an additional 10% per annum (calculated on a pro-rata basis) to offset the interest that the contributions would have attracted in the relevant fund had they been paid on the due dates. The requirement for the Employer to make retrospective payments shall not limit any common law action which may be available in relation to death, disablement or any similar cover existing within the terms of a relevant fund.

33. SALARY SACRIFICE ARRANGEMENTS

Employees covered by this Agreement will have access to salary sacrifice arrangements in addition to the compulsory arrangement detailed above. The requirements of any such arrangements shall ensure that:

(a) Accessing a salary sacrifice arrangement is a voluntary decision to be made by the individual Employee.

(b) The Employee wishing to enter into a salary sacrifice arrangement will be required to notify his/her Employer in writing of the intention to do so and have sought expert advice in relation to entering into such an arrangement.

(c) The Employer shall meet the cost of implementing the administrative and payroll arrangements necessary for the introduction of salary sacrifice to the Employees under the Agreement.

(d) The co-contribution of superannuation payments referred to herein shall be made by way of salary sacrifice arrangements.

34. INCOME PROTECTION AND PORTABLE UNUSED SICK LEAVE

34.1. The Employer will contribute the following amounts (including GST) per week to CIPQ in respect of each of its Employees for, or on account of, the premium insuring income protection for each of those Employees:

(a) from 1 March 2019 - $39.30.

(b) from 1 March 2021 - $40.30

(c) from 1 March 2022 - $41.30

34.2 The income protection policy provided by the Employer will provide the following amounts as weekly benefits in the event of a claim:

(a) from 1 March 2019-$1,600.00.

34.3 If CIPQ decides that a higher weekly rate per Employee must be paid or provided, the Employer must pay that higher rate as and from the date CIPQ determines. Payment at the rate specified under this clause 34.1 above from the date determined by CIPQ will satisfy the Employer's obligations under clause 34.1 above.

34.4 If the Employer does not contribute to CIPQ the amount required under clause 34.1 above in respect of each and every Employee, the Employer will pay an additional $1,500 per week on top of what benefit the policy provides and also reimburse the Employee for costs (ie medical expenses, claims management and rehabilitation expenses) incurred by the Employee, for a period of three years in the event that an Employee is unable to make a claim because of the non-payment by the Employer.

34.5 All accrued and unused sick leave will be notified to CIPQ upon termination for each employee, for the purposes of portable sick leave.

35. HOURS OF WORK

35.1 **Ordinary hours**

Except as provided elsewhere in this Agreement, the ordinary working hours will be 36 hours per week (7.2 hours per day) worked between 6.00 a.m. and 6.00 p.m. Monday to Friday. Typically, work should not commence later than 7am. All time worked outside the aforementioned span of hours shall be by agreement with the affected employees concerned, and paid at double time.

35.2 **Start and finish times**

(a) If the Employer wishes to alter start and finish times within the spread of ordinary daily hours, the Employer will consult with the affected Employees and:

(i) provide not less than 48 hours' notice to affected Employees of the change to start and finish times; and

(ii) have regard to the intention of avoiding excessive overtime.

35.3 **Overtime**

(a) It is the intention of the Employer and Employees that excessive overtime will not be worked.

(b) To this end the general standard of weekly hours will usually not be more than 50 per week, which shall be taken to mean not more than 10 hours per day Monday to Friday, for an individual Employee. The aforesaid 'usual weekly hours' of the affected Employees may by agreement be exceeded from time to time to perform works which the Employer considers necessary and to meet operational requirements including but not limited to the need to perform works which are critical to the ongoing productivity or safety of other employees on the project or where a critical work task is delayed due to unforeseen circumstances.

35.4 Reflecting this intention, it is recognised that:

(a) The Employer is not restricted as to the setting of daily hours within the 50 hour general standard;

(b) Subject to consultation a majority of employees may agree to work on a Saturday following a Monday RDO, provided there is strict adherence with the rest of this clause 35.

35.5 An Employee may refuse to work overtime in circumstances where the working of such overtime would result in the Employee working hours which are unreasonable having regard to matters including:

(a) any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

(b) the Employee's personal circumstances including any family responsibilities;

(c) the notice (if any) given by the Employer of the overtime and by the Employee of his or her intention to refuse it; and

(d) any other relevant matter.

35.6 **Overtime Penalty Rates**

(a) On projects where the Total Cost of Work is $50m or greater, all time worked in excess of the ordinary hours, shall be paid at double time.

(b) On projects where the Total Cost of Work is less than $50m, the overtime penalties that will apply are;

(i) paid for at the rate of time and a half for the first two hours and at double timethereafter.

Shiftwork

(a) In this clause Shiftwork means work comprising recurring periods in which different groups of workers do the same jobs in rotation;

(b) Shiftworker for the purposes of this clause 35 is defined as an Employee who is required by the Employer to work Shiftwork, which commences or finishes outside 6.00 a.m. and 6.00 p.m. Monday to Friday.

(c) On projects where the Total Cost of Work is $50m or greater Shiftworker shall be paid at the rate of double time for all hours worked.

(d) On projects where the Total Cost of Work is less than $50m, the shiftwork penalties of the Award will apply

(e) An Employee who has to work Shiftwork shall be given at least 48 hours' notice of the requirements to work shift work. An Employee may refuse to work overtime in circumstances where the working of such shift would result in the Employee working hours which are unreasonable having regard to matters including:

(i) any risk to Employee health and safety including the risk of fatigue i.e. excessivehours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

(ii) the Employee's personal circumstances including any family responsibilities;

(iii) the notice (if any) given by the Employer of the overtime and by the Employeeof his or her intention to refuse it; and

(iv) any other relevant matter.

36. EMPLOYEE ROSTERED DAY OFF

36.1 Ordinary working hours will be scheduled in a 10 day cycle, Monday to Friday inclusive,with 8 ordinary working hours worked for each of 9 days and with 0.8 of an hour on each of those days accruing toward the tenth day, which will be known as the rostered day off (RDO).

36.2 26 rostered days are scheduled to be taken off by an Employee for every 12 months' continuous service in accordance with the dates set out in the calendar indicative of scheduled RDO contained in APPENDIX 3. The purpose of this calendar is to ensure workers and site management manage their fatigue levels, thereby encouraging safer and more productive projects.

36.3 For clarity, nothing in this clause or the calendar is intended to impose a limit on the ability of the Employer to determine with the majority of its affected Employees when and where work can be performed to meet operational requirements or otherwise limit the Employer's right to manage its business.

36.4 Payment for RDOs will include an entitlement to the daily fares and travel allowance.

36.5 Each day of leave taken and any public holiday occurring during any cycle will be regarded as a day worked for accrual purposes.

36.6 An Employee who has not worked a complete cycle will receive pro rata accrued entitlements payable for the rostered day off.

36.7 Where an Employee has insufficient accruals for an RDO, the Employer may by agreement with the affected Employee, offset any deficiency from the Employee's annual leave entitlement.

36.8 Where the Employer wants an Employee or Employees to work on an RDO, the following process shall be followed:

(a) The Employer shall establish that there is a genuine need for the work to take place on the RDO. Examples of where work may take place include, but are not limited to, the following: jumping cranes, erecting or dismantling jump form, high-risk activity after consultation with the safety committee, or other operational circumstances that require work on that day; and

(b) The Employer must consult with the affected Employee(s); and

(c) Provide affected Employee/s the opportunity to notify the Union using the form provided for in APPENDIX 6, or other chosen representative/s in writing (fax or email) prior to the RDO that work will be performed.

36.9 The Employer is committed to providing as much notice as is reasonably practicable for a requirement to work. Wherever possible, the process outlined above will occur at least 7 calendar days prior to the RDO in question.

36.10 An Employee may refuse to work an RDO in circumstances where the working of such a RDO would result in the Employee working hours which are unreasonable having regard to matters including:

(a) any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

(b) the Employee's personal circumstances including any family responsibilities;

(c) any other relevant matter.

Where the procedure in clause 36.8 above has been followed and at least seven days' notice has been provided to Employees to work on the RDO, Employee's must be paid for at 200% of the rate applicable for the Employee's classification in the Agreement, with a minimum payment for 8 hours, for that RDO. Where the procedure in clause 36.8 above has not been followed or less than 7 days' notice has been provided to Employeesto work on the RDO, Employee's must be paid at 250% of the rate applicable for the Employee's classification in the Agreement, with a minimum payment of 8 hours, for that RDO.

In addition to the loadings listed above, employees will be provided a day in lieu for each RDO that they are required to work.

Up to five (5) RDOs may be accrued under normal industry flexibilities. Accrued RDOs will be taken in the calendar year they were due or be transferred to the employee's annual leave bank in the last pay period of the calendar year provided sufficient RDO hours are retained to cover the scheduled RDOs for January of the following year.

Easter and Christmas

An Employee required to work during the Easter and Christmas period, that is to work on any day between and inclusive of Christmas Day and New Year's Day and any day, between and inclusive of Good Friday and Easter Monday, shall be paid 300% of the hourly rate prescribed in the Agreement for the Employee's classification.

37. LEAVE

37.1 Permanent Employees shall be entitled to paid personal leave when they are absent from work due to:

(a) personal illness or injury (sick leave);

(b) for the purposes of caring for partners, children and/or other household or family members who are sick or in a personal emergency and require the Employee's care and support (carer's leave); or

(c) compassionate leave.

37.2 Personal leave shall accrue as follows:

(a) Three days in the first month and then one additional day at the beginning of each of the next nine calendar months will be available in the first year of employment;

(b) Twelve days at the beginning of the Employees second and each subsequent year will commence on the anniversary of engagement.

(c) All unused personal leave is cumulative.

37.3 If required by the Employer, when an Employee is absent for more than 2 consecutive days the Employee is required to give the Employer a doctor's certificate, or other reasonably acceptable evidence, about the nature and approximate duration of the illness.

37.4 Parental Leave will be in accordance with the FW Act.

37.5 All Employees covered by this Agreement are entitled to long service leave on full pay under, subject to, and in accordance with, the provisions of Industrial Relations Act 2016 (Qld) as amended from time to time, or the provisions of the Building and Construction Industry (Portable Long Service Leave) Act 1991 (Qld). Section 95 subsection (4) of the Industrial Relations Act 2016 (Qld) does not apply to Employees covered by this Agreement.

37.6 Employees may take unpaid leave. Such leave will be subject to the Employer's approval except for up to 5 days per year of unpaid leave, which may be taken by notice given at or before the commencement of such leave. Unpaid leave can be taken for less than a day.

37.7 An Employee's entitlement to annual leave will be consistent with the National Employment Standards contained in the FW Act.

37.8 Annual leave shall accrue at the rate of 3 hours per week (i.e. 36 ordinary hours) of service. If the Employee is a continuous shift Employee (as defined in the Award), the Employee shall accrue annual leave at the rate of 3.75 hours per week (i.e. 36 ordinary hours) of service.

37.9 The Employer will not unreasonably refuse a request for annual leave by an Employee.

37.10 Annual leave will be paid at the rate the Employee would have received if ordinary hours had been worked during the period of leave (including applicable allowances), plus a loading of 17.5%.

37.11 At the termination of employment, the Employee will be paid out all outstanding annual leave entitlements, including the 17.5% loading. As per the National Employment Standards, the annual leave will be paid out as if the Employee were taking leave, commencing from the end of the termination notice period. As such, any public holidays occurring during the period for which the annual leave entitlement applies, will be paid for in addition to the annual leave entitlement.

37.12 Employees are entitled to compassionate leave in accordance with the National Employment Standards contained in the FW Act. In addition, compassionate leave is available for Employees upon the death of a family or household member, or close family relative.

38. FAMILY VIOLENCE LEAVE

38.1 For the purposes of this clause, family violence is:

a) behaviour by a person towards a family member of that person if that behaviour:

(i) is physically or sexually abusive;

(ii) is emotionally or psychologically abusive;

(iii) is economically abusive; or

(iv) is threatening; or

(v) is coercive; or

(vi) in any other way controls or dominates the family member and causes that family member to feel fear for the safety or wellbeing of that family member oranother person; or

(vii) behaviour by a person that causes a child to hear or witness, or otherwise be exposed to the effects of, behaviour referred to in paragraph (a).

38.2 For the purposes of this clause, a "family member", in relation to a person (a "relevant person"), means—

(a) a person who is, or has been, the relevant person's spouse or domestic partner; or

(b) a person who has, or has had, an intimate personal relationship with the relevant person; or

(c) a person who is, or has been, a relative of the relevant person; or

(d) a child who normally or regularly resides with the relevant person or has previously resided with the relevant person on a normal or regular basis; or

(e) a child of a person who has, or has had, an intimate personal relationship with the relevant person.

38.3 For the purposes of clauses 38.2(b) and 38.2(e) above, a relationship may be an intimatepersonal relationship whether or not it is sexual in nature.

38.4 Confidentiality

The Employer must take all reasonable measures to ensure personal information concerning an Employee's experience of family violence is kept confidential. A breach of confidentiality is an express breach of this agreement.

38.5 Leave

(a) An Employee (other than casual Employees) experiencing family violence will have access to 10 days per year of paid family violence leave paid at the Employee's minimum wage rate prescribed by clause 19.1(a) of the Award applicable to their classification to attend legal proceedings, counseling, and appointments with a medical or legal practitioner, relocation, the making of safety arrangements and other activities associated with the experience of family and domestic violence.

(b) Family violence leave is in addition to any other existing leave entitlements, and may be taken as consecutive or single days or as a fraction of a day.

(c) The Employee shall give as much notice as reasonably possible prior to taking the leave under this clause.

(d) In addition, the Employer may require the Employee to produce evidence to support the need for family violence leave such as a document issued by the police, a court, a doctor (including a medical certificate), a family violence support service, or a statutory declaration.

(e) For the avoidance of doubt, family violence leave does not cumulate from year and is not paid out on termination of employment.

39. ADDITIONAL OCCUPATIONAL HEALTH AND SAFETY MATTERS

39.1. The following clothing will be supplied to all Employees (no later than 1 month after commencement) and will be replaced on a fair wear-and-tear basis. Employees when working on site are required to wear all footwear and clothing supplied. The issue will be:

(a) 1 pair of safety boots (if the Employee buys such boots, the Employer will reimburse the Employee up to $150.00 upon producing of a purchase receipt);

(b) 6 sets of shirts and shorts/trousers, overalls or bib and brace overalls, or any combination as agreed; and

(c) 1 high visibility winter jacket.

39.2. All of the abovementioned items will be replaced on a fair wear-and-tear basis. Where an Employee has not sought replacement of any of the abovementioned items on a fair wear-and-tear basis within twelve months from the date of issue, then that Employee will be entitled to a re-issue of the items at the completion of those twelve months.

39.3. All items will comply with the relevant Australian Standards. The clothing selected will need to be breathable, be light weight, UV stable, have a high visibility quality, and have the maximum UPF rating. The Employer undertakes to source Australian made clothing and equipment, in so far as it is possible.

39.4. No agreement to pay cash in lieu of supply of clothing/footwear is permitted.

39.5. When the Employer requires an Employee to wear spectacles with toughened glass lenses the Employer will pay the cost of the toughening process.

39.6. Stand-By Drivers and Crane Crews

(a) The crane crew for each crane must consist of at least the following:

(i) A crane driver;

(ii) A dogman/stand-by driver; and

(iii) A dogman.

40. WORKPLACE IMPAIRMENT POLICY

The Employer Workplace Impairment Policy can be found in APPENDIX 4.

41. TIME AND WAGES RECORDS

41.1 Particulars of details of payment to each Employee must be included on the envelope including the payment or in a statement handed to the Employee at the time payment is made and will contain the following information:

(a) Name of employing Employer;

(b) Name of Employee;

(c) Employee's classification;

(d) Date of payment and period covered by wage statement;

(e) Details of the number of ordinary hours worked;

(f) Details of the number of overtime hours worked;

(g) The ordinary hourly rate and the amount paid at that rate;

(h) The overtime hourly rates and the amounts paid at those rates;

(i) The gross wages paid;

(j) The net wages paid;

(k) Details of any deductions made from the wages;

(l) Details of all accrued entitlements such as RDOs, personal leave, annual leave, etc;

(m) Details of the Employer CBUS/BUSS(Q) contribution, including when the contribution was made and the amount details of the Employee CBUS or BUSS(Q) contribution, including when contribution was made and the amount;

(n) Details of the Employer BERT contribution, including when contribution was made and the amount;

(o) Details of the Employer CIPQ payment, including when contribution was made and the amount;

(p) Details of the Employees BEWT payment, including when contribution was made and the amount.

41.2 In addition, the Employer must also maintain the following time and wage records:

(a) The Employee's date of birth;

(b) date when the Employee became an Employee of the Employer, if appropriate, the date when the Employee ceased employment with the Employer;

(c) The Employee's tax file number;

(d) The Employee's CBUS/BUSS(Q) number;

(e) The Employee's BERT number;

(f) The Employee's QLeave or NTBuild number;

(g) The Employee's CIPQ number;

(h) Daily details of work including:

(i) Daily start time and finish time;

(ii) Time lunch and crib breaks taken;

(iii) Total ordinary hours worked and resulting wage;

(iv) Total time and a half hours worked and resulting wage;

(v) Total double time hours worked and resulting wage;

(i) Details of allowances paid;

(j) Details and payment for RDOs, Personal and annual leave, public holidays;

(k) Details of deductions;

(l) Details of additions;

(m) Total gross allowances paid per week and year to date;

(n) Total gross wages paid per week and year to date;

(o) Tax deducted from wages per week and year to date;

(p) Net wages per week and year to date;

(q) RDOs, sick and annual leave accrued per week and year to date;

(r) CBUS/BUSS(Q), BERT, BEWT, and CIPQ paid per week and year to date.

42. UNION DELEGATE/EMPLOYEE REPRESENTATIVE RIGHTS

42.1 Where an Employee has been elected as a Union Delegate/employee representative, the Employer will recognise the following rights:

(a) the right to be treated fairly and to perform their role without any discrimination in their employment;

(b) for the Union Delegate/employee representative to represent an Employee where requested in relation to a grievance, dispute or a discussion with a member of the Union;

(c) the right to place information related to permitted matters in a prominent location in the workplace except that the material must not breach freedom of association, privacy and other applicable laws;

(d) the right to paid time to attend industrial tribunals and/or courts where they have been requested to do so by an Employee (which may include themselves) whom they represent in a particular dispute in their workplace;

(e) the right to paid time to assist and represent Employees who have requested them to represent them in respect of a dispute arising in their workplace;

(f) the right to represent the interests of members in their workplace to the Union, the Employer and industrial tribunals/courts;

(g) the right to represent the interests of Employees who request their assistance in their workplace to the Employer and industrial tribunals/courts;

(h) the right for reasonable time off to attend accredited union education;

(i) the right to take reasonable leave to work with the Union;

(j) the right to have reasonable time off to participate in the operation of the union.

43. UNION DELEGATE FACILITIES

43.1 Union Delegate Facilities

(a) The Employer shall provide an agreed facility for the use of the Union Delegate to perform their duties and functions as the on-site representative of the Employees. The provision of the following facilities is to ensure that the Union Delegate is able to effectively perform his/her functions in a professional and timely manner. The facilities shall include:

i. a telephone;

ii. an iPad equipped with mobile Internet access;

iii. a table and chairs;

iv. a filing cabinet;

v. air-conditioning/heating;

vi. access to stationery and other administrative facilities, including use of facsimile, use of e-mail, (if available on site), following consultation between the Union Delegate and Site Management;

vii. a private lockable area.

44. UNION TRAINING LEAVE

44.1 An Employee elected as Union Delegate shall, upon application in writing to the Employer, be granted up to five days paid leave each calendar year to attend relevant Union Delegate courses. Such courses shall be designed and structured with the objective of promoting good industrial relations within the building and construction industry.

44.2 Consultation may take place between the parties in the furtherance of this objective.

44.3 The application for leave shall be given to the Employer in advance of the date of commencement of the course. The application for leave shall contain the following details:

(a) The name of the Union Delegate seeking the leave;

(b) The period of time for which the leave is sought (including course dates and the daily commencing and finishing times); and

(c) A general description of the content and structure of the course and the location where the course is to be conducted.

44.4 The Employer shall advise the Union Delegate within seven clear working days (Monday to Friday) of receiving the application as to whether or not the application for leave has been approved.

44.5 The time of taking leave shall be arranged so as to minimise any adverse effect on the Employer's operations. The onus shall rest with the Employer to demonstrate an inability to grant leave when an eligible Union Delegate is otherwise entitled.

44.6 The Employer shall not be liable for any additional expenses associated with an Employee's attendance at a course other than the payment of ordinary time earnings for such absence. For the purpose of this clause ordinary time earnings shall be defined as the relevant agreement classification rate including, shift work loadings where relevant plus Site Allowance where applicable.

44.7 Leave rights granted in accordance with this clause will not result in additional payment for alternative time off to the extent that the course attended coincides with a Union Delegate's RDO or with any concessional leave.

44.8 A Union Delegate on request by the Employer shall provide proof of their attendance at any course within 7 days. If an Employee fails to provide such proof, the Employer may deduct any amount already paid for attendance from the next week's pay or from any other moneys due to the Union Delegate.

44.9 Where a Union Delegate is sick during a period when leave pursuant to this clause has been granted proof of attendance at the course is not required for that period and the Employee shall receive payment if entitled under the provisions of the relevant award clause.

44.10 Leave of absence granted pursuant to this clause shall count as service for all purposes of this Agreement.

45. INDIVIDUAL FLEXIBILITY AGREEMENTS

45.1 Where the Employer wants to enter into a variation agreement it must provide a writtenproposal to the Employee. Where the Employee's understanding of written English is limited, the Employer must take measures, including translation into an appropriate language, to ensure the Employee understands the proposal.

45.2 The Employer must ensure that any variation agreement is genuinely agreed to by the Employer and the Employee and that the terms of the variation agreement:

(a) are about permitted matters under section 172 of the FW Act; and

(b) Relates only to:

(i) Salary sacrifice agreements;

(ii) Increase in annual leave accrual each year;

(iii) Increase in rate of accrual of Rostered days off;

(iv) Increase in wages;

(v) Increase in training leave (Union or otherwise);

(c) are not unlawful terms under section 194 of the FW Act; and

(d) result in the Employee being better off overall than the Employee would be if no arrangement (variation agreement) was made.

45.3 The Employer must also ensure that any such variation agreement is:

(a) in writing (including details of the terms that will be varied, how the variation agreement will vary the effect of the Enterprise Agreement terms, how the Employee will be better off overall in relation to the terms and conditions of his or her employment as a result of the arrangement, and the day on which the arrangement commences);

(b) includes the name of the Employer and Employee;

(c) signed by the Employer and the Employee, and if the Employee is under 18, by a parent or guardian of the Employee;

(d) provided to the Employee within 14 days after it is agreed to; and

(e) able to be terminated by either the Employer or Employee giving written notice of not more than 28 days, or at any time by both parties agreeing in writing.

45.4 Where any of the requirements of this clause 45 are not met, the variation agreement is of no effect.

46 SHAM CONTRACTING

46.1 Sham contracting occurs when an Employer engages an individual to perform building work under a contract for services where the true character of the engagement or proposed engagement is that of employment.

46.2 The Employer recognises that the practice of sham contracting is unlawful and undermines the job security of the Employees covered by this Agreement. The Employer will ensure that sham contracting does not occur and agree that sham contracting is prohibited by this agreement.

46.3 The Employer will not enter into a contract with another person ("the Contractor") under which services in the nature of building work are to be provided to the employer,if:

(a) the services are to be performed by an individual (who is not the Contractor); and the individual has any ownership in, or is an officer or trustee of, the contractor; and

(b) if the contract were entered into with the individual, the contract would be a contract of employment.

46.4 The Employer will maintain records about any Contractors that it has engaged in the preceding month which will include:

(a) the name of the Contractor;

(b) the owner(s) of the Contractor;

(c) the works that the Contractor was engaged to perform;

(d) basis on which the Contractor was paid for the work e.g. lump sum/fixed price, daily rate, other; and

(e) advice as to whether the works that the Contractor was engaged to perform were previously performed by an Employee covered by this Agreement.

46.5 The Employer will, within 7 days of receiving a written request from an Employee, provide a copy of the records which it is required to keep pursuant to the previous subclause. Nothing in this subclause requires the Employer to provide information in a manner that is inconsistent with the Privacy Act 1988 (Cth).

46.6 Where in breach of this clause a sham contract was in place, such that that Contractor was in fact an Employee under this Agreement, the calculation for back pay will be calculated on the basis of the difference between what they were paid under sham contract arrangement and:

(a) 175% of the applicable hourly rate contained in this Agreement; plus

(b) the Site Allowance (if applicable); plus

(c) the multi-storey allowance (if applicable), plus

(d) CBUS/BUSS(Q), BERT, CIPQ and BEWT.

47 SECURITY OF PAYMENTS

47.1 The Employer recognises that the under, non or late payment of building industry participants for services rendered can affect the entitlements of workers and the security of their employment.

47.2 The Employer acknowledges its obligations under the Building and Construction Industry Payments Act 2004 (as amended) and the Subcontractors Charges Act 1974.

47.3 The Employer will not engage in illegal or fraudulent phoenix activities for the purpose of avoiding any payment due to another building contractor or building industry participant or other creditor.

47.4 The Employer will:

(a) comply with all applicable laws and other requirements relating to the security of payments that are due to subcontractors; and

(b) ensure that payments which are due and payable are made in accordance with applicable legislative requirements including the Code and are not unreasonably withheld; and

(c) have a documented dispute settlement process in accordance with all applicable legislative requirements including the Code that details how disputes about payments will be resolved, includes a referral process to an independent adjudicator for determination if the dispute cannot be resolved between the parties and must comply with that process; and

(d) as far as practicable, ensure that disputes about payments are resolved in a reasonable, timely and cooperative way.

47.5 The Employer will keep records demonstrating its compliance with clause 47.4 above. The Employer will, within 7 days of receiving a written request from an Employee who has a reasonable belief of a non-compliance with clause 47.4 above, provide evidence demonstrating its compliance. Nothing in this clause requires the Employer to provide information in a manner that is inconsistent with the Privacy Act 1988 (Cth).

48. TEMPORARY FOREIGN LABOUR

48.1. In this clause the term "temporary foreign labour" means a person that is not an Australian citizen or Australian permanent resident (within the meaning of the Migration Act 1958 (Cth) who is employed or engaged to undertake building work by the Employer.

48.2. The Employer recognises that the engagement of temporary foreign labour may undermine the job security of the Employees covered by this Agreement. The parties wish to limit the circumstances in which temporary foreign labour can be engaged so asto ensure the job security of the Employees covered by this Agreement.

48.3. The Employer will not engage temporary foreign labour unless:

(a) the position is first advertised in Australia; and

(b) the advertising was targeted in such a way that a significant proportion of suitably qualified and experienced Australian citizens and Australian permanent residents (within the meaning of the Migration Act 1958 (Cth) would be likely to be informed about the position; and

(c) any skills or experience requirements set out in the advertising were appropriate to the position; and

(d) the employer demonstrates that no Australian citizen or Australian permanent resident is suitable for the job;

(e) temporary foreign labour will be engaged in accordance with this Agreement.

48.4. The Employer will, within 7 days of receiving a written request from an Employee provide evidence demonstrating its compliance with this clause 48 of this Agreement. Nothing in this

clause requires the Employer to provide information in a manner that is inconsistent with the Privacy Act 1988 (Cth).

48.5. Where an employer engages temporary foreign labour in breach of this clause, the position shall, as soon as practicable, be re-advertised and filled by the employer strictly in accordance with this clause.

49 QUALITY BUILDING MATERIALS

49.1 The Parties recognise the complex issue of non-conforming building products (NCBPs). NCBPs are building products about which false claims have been made as to their qualityand purpose or do not meet required standards for their intended use. A building product is non-conforming if, in association with a building, the product:

(a) is not, or will not be, safe;

(b) does not, or will not, comply with relevant regulatory provisions; or

(c) does not perform, or is not capable of performing, for the use to the standard represented.

The Parties recognise that domestically sourced and manufactured conforming building products are less likely to create the above conditions and accordingly wish to maximise the use of domestically sourced and manufactured building materials by the Employer.

49.2 The Employer will only use products in building work that comply with relevant Australian standards published by, or on behalf of, Standards Australia in accordance with the National Construction Code.

49.3 In order to maintain compliance with the Code, and in line with other regulatory requirements, the Employer will maintain records in accordance with the Building and Construction Legislation (Non-Conforming Building Products – Chain of Responsibility and Other Matters) Amendment Act 2017

49.4 The Employer will, within 7 days of receiving a written request from an Employee, provide a copy of the records which it is required to keep pursuant to the previous clause 49.3 above.

50 COMPLIANCE WITH THIS AGREEMENT

50.1 Complaints, queries and concerns regarding entitlements paid in relation to the Awardor this Agreement shall be raised and resolved in accordance with the disputes procedure in this Agreement. Authorised industrial personnel shall be provided access to time and wage records in accordance with all legal requirements. Authorised industrial inspectors or permit holders shall be provided access to time and wages records in accordance with the FW Act.

50.2 The Employer will conduct an audit using the Audit Form provided for in APPENDIX 8 to confirm compliance with:

(a) Awards and workplace arrangements which have been certified, registered or otherwise approved under the relevant industrial legislation;

(b) Legislative requirements such as:

(c) the Fair Work Act 2009;

(d) QLD/NT Workers Compensation;

(e) Superannuation; and

(f) Long Service Leave.

50.3 This audit will be conducted when there is a request by an Employee that there is a reasonable suspicion of non-compliance. The audit will be undertaken in accordance with ISO9001-2008 by an auditing company agreed between the Employer and the majority of Employees. A copy of the audit record will be provided to all Employees, and any representative nominated by the Employee.

51 POSTING OF AGREEMENT AND NOTICES

51.1 A true copy of this Agreement shall be exhibited in a conspicuous and convenient placeon the premises of the Employer and on every Employee's worksite so as to be easily read by Employees.

52 SEVERABILITY

52.1 It is the intention of those covered by this Agreement that the Agreement contains only permitted matters under the FW Act. The severance of any term of this Agreement thatis, in whole or in part, of no effect by virtue of the operation of section 253 of the FW Act shall not be taken to affect the binding force and effect of the remainder of the Agreement. To the extent it is possible, all terms should be interpreted in a manner thatwould make them permitted matters.

APPENDIX 1 – RATES OF PAY

CONSTRUCTION WORKER CLASSIFICATIONS AND RATES OF PAY			
CW8 – Supervisor			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$2,071.96	$2,134.12	$2,198.14
p/h	$57.55	$59.28	$61.06
CW7 - Tower Crane Operator, Tower Crane Rigger, Hoist Rigger, Supervisor (Sub-Foreperson)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,988.57	$2,048.22	$2,109.67
p/h	$55.24	$56.89	$58.60
CW6 – Trainer			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,905.76	$1,962.94	$2,021.83
p/h	$52.93	$54.52	$56.16
CW5 - Special Class Trades, Special Class Dogman (as defined), Refractory Bricklayer, Carver			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,822.97	$1,877.66	$1,933.99
p/h	$50.64	$52.16	$53.72
CW4 – Signwriter			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,770.21	$1,823.32	$1,878.02
p/h	$49.18	$50.65	$52.17
CW4 - Marker Setter Out, Letter Cutter, WHSO, Union delegate			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,831.46	$1,886.40	$1,942.99
p/h	$50.88	$52.41	$53.98
CW4 - Mobile Concrete Boom Pump Operator			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,742.73	$1,795.02	$1,848.87
p/h	$48.41	$49.86	$51.35
CW3 - Carpenters/Joiners, Stone-mason, Other Qualified Tradesperson*			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,748.65	$1,801.11	$1,855.15
p/h	$48.58	$50.04	$51.54
CW3 - Floorlayers, Plasterers, Tilers, Tuck-pointers			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,736.18	$1,788.26	$1,841.91
p/h	$48.22	$49.67	$51.16

CW3 - Bricklayers, Water-proofers			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,725.40	$1,777.16	$1,830.48
p/h	$47.93	$49.37	$50.85
CW3 - Slater, Ridge or Roof Fixer, Roof Tiler			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,709.51	$1,760.80	$1,813.62
p/h	$47.49	$48.92	$50.38
CW3 - Painters, Glaziers, Installers			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,687.41	$1,738.03	$1,790.17
p/h	$46.87	$48.28	$49.73
CW3 - Rigger, Dogman, Employees with AQF 3 certificates (even if Employee job mentioned in lower classification), Mobile Concrete Line Pump Operators, Concrete Cutter (+ 6 months experience)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,659.60	$1,709.38	$1,760.67
p/h	$46.10	$47.48	$48.91
CW2 - Scaffolder, Powder Monkey, Hoist & Winch Driver, Foundation Shaftsman, Steelfixer (including Tack Welder), Concrete Finisher, Traffic Controller, Gatemen / Security Guard, Pump Line Hand, Post Tensioning			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,593.26	$1,641.05	$1,690.28
p/h	$44.25	$45.58	$46.95
CW1 - Skilled Labourer, Formwork Labourer, Truck Delivery Driver and Others			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,533.69	$1,579.70	$1,627.09
p/h	$42.60	$43.88	$45.19

APPRENTICE RATES OF PAY			
Stage 4 of Apprenticeship (90% of CW3)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,493.68	$1,538.49	$1,584.65
p/h	$41.49	$42.74	$44.02
Stage 3 of Apprenticeship (75% of CW3)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,244.74	$1,282.08	$1,320.54
p/h	$34.58	$35.62	$36.69
Stage 2 of Apprenticeship (60% of CW3)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$995.79	$1,025.66	$1,056.43
p/h	$27.66	$28.49	$29.34

Stage 1 of Apprenticeship (50% of CW3)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$829.82	$854.72	$880.36
p/h	$23.05	$23.74	$24.45

TRAINEE WAGES

Persons undertaking a Trainees hip will receive either the following rates or remain at their existing level, whichever is the greater:

Stage 5 of Traineeship (100% of CW3)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,659.60	$1,709.38	$1,760.67
p/h	$46.10	$47.48	$48.91
Stage 4 of Traineeship (CW2 - 96% of CW3)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,593.22	$1,641.01	$1,690.24
p/h	$44.25	$45.58	$46.95
Stage 3 of Traineeship (CW1 - 92.4% of CW3)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,533.46	$1,579.47	$1,626.85
p/h	$42.60	$43.88	$45.19
Stage 2 of Traineeship (CW1(b) - 88% of CW3)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,460.44	$1,504.26	$1,549.38
p/h	$40.57	$41.79	$43.04
Stage 1 of Traineeship (New Entrant - 82% of CW3)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
p/w	$1,360.87	$1,401.70	$1,443.75
p/h	$37.80	$38.93	$40.10

Trainees shall progress through each of the stages every six months from the date of commencement, unless stages are otherwise completed earlier.

MOBILE HYDRAULIC PLATFORMS AND MOBILE CRANE CLASSIFICATIONS - RATES OF PAY

MOBILE HYDRAULIC PLATFORMS			
Trainee (as defined)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,611.40	$1,659.75	$1,709.54
ph	$44.76	$46.10	$47.49

Boom length up to and including 11 metres (including trainees)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,619.33	$1,667.91	$1,717.95
ph	$44.98	$46.33	$47.72
Boom length over 11 metres and up to 17 metres			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,693.07	$1,743.86	$1,796.18
ph	$47.04	$48.45	$49.90
Boom length over 17 metres and up to 23 metres			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,741.28	$1,793.52	$1,847.33
ph	$48.37	$49.83	$51.32
Boom length over 23 metres and up to 28 metres			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,798.00	$1,851.94	$1,907.50
ph	$49.94	$51.44	$52.98
Unit equipped with underbridge unit			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,798.00	$1,851.94	$1,907.50
ph	$49.94	$51.44	$52.98
MOBILE CRANES			
Up to 20 tonnes			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,734.91	$1,786.96	$1,840.57
ph	$48.19	$49.64	$51.13
Over 20 tonnes and up to 60 tonnes			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,789.73	$1,843.42	$1,898.72
ph	$49.71	$51.21	$52.74
Over 60 tonnes and up to 100 tonnes			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,843.48	$1,898.79	$1,955.75
ph	$51.21	$52.74	$54.33
Over 100 tonnes and up to 200 tonnes			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,893.55	$1,950.36	$2,008.87
ph	$52.60	$54.18	$55.80

Over 200 tonnes and up to 300 tonnes			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,989.47	$2,049.16	$2,110.63
ph	$55.26	$56.91	$58.62
Over 300 tonnes and up to 400 tonnes			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$2,030.03	$2,090.93	$2,153.66
ph	$56.40	$58.10	$59.84
Over 400 tonnes/special purpose cranes			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$2,083.80	$2,146.31	$2,210.70
ph	$57.90	$59.63	$61.42
Rigger, dogman			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,694.63	$1,745.47	$1,797.84
ph	$47.08	$48.49	$49.94

EARTHMOVERS CLASSIFICATIONS – RATES OF PAY			
CW3			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,628.97	$1,677.84	$1,728.18
ph	$45.25	$46.61	$48.00
CW4			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,681.72	$1,732.17	$1,784.14
ph	$46.71	$48.11	$49.55
CW5			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,753.19	$1,805.78	$1,859.96
ph	$48.69	$50.15	$51.65
CW6			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,818.99	$1,873.56	$1,929.77
ph	$50.52	$52.03	$53.59

PILING CLASSIFICATIONS - RATES OF PAY			
CW7 - Senior Supervisor			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,941.19	$1,999.42	$2,059.41
ph	$53.92	$55.53	$57.20
CW6 - Working Supervisor			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,860.39	$1,916.21	$1,973.69
ph	$51.67	$53.22	$54.82
CW5 - Junior Supervisor			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,779.46	$1,832.84	$1,887.83
ph	$49.43	$50.91	$52.44
CW4 - Senior Foundation Operator (SFO)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,709.46	$1,760.75	$1,813.57
ph	$47.48	$48.91	$50.37
CW3 - Foundation Operator (FO)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,659.84	$1,709.63	$1,760.92
ph	$46.11	$47.49	$48.92
CW3 - Foundation Labourer - Skilled (FSL)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,659.84	$1,709.63	$1,760.92
ph	$46.11	$47.49	$48.92
CW2 - Foundation Labourer 2 (FL2)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,593.38	$1,641.18	$1,690.41
ph	$44.26	$45.59	$46.96
CW1 - Foundation Labourer 1 (FL1)			
From	**1/01/2021**	**1/07/2021**	**1/07/2022**
pw	$1,533.74	$1,579.75	$1,627.14
ph	$42.60	$43.88	$45.19

APPENDIX 2 -ALLOWANCES

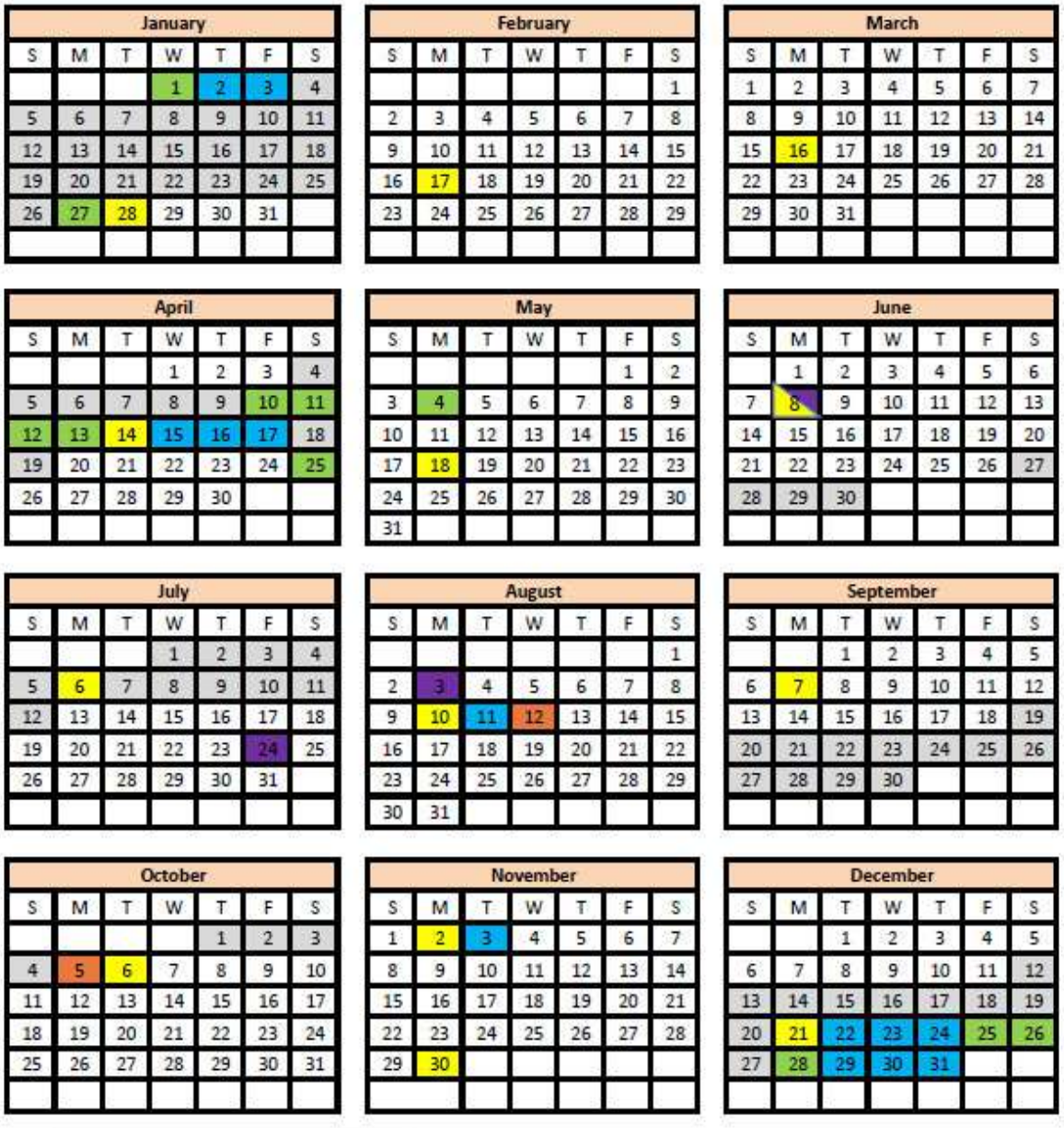
ALLOWANCE TITLE	From 1/07/2020
Acid work	$2.59
Asbestos	$1.24
Asbestos eradication	$3.18
Bagging	$0.90
Bitumen	$1.24
laying or lifting other than standard bricks Over 5kg but under 9kg	$0.99
Over 9kg but under 18kg	$1.77
18kg and over	$2.47
Certificate allowance	$0.99
Cleaning down brickwork	$0.91
Cold work	$0.99
Computing quantities	$7.08
Confined spaces	$1.24
Cutting tiles	$1.24
Dirty work	$0.99
Dry polishing of tiles	$1.24
Explosive power tools	$2.32
First-aid attendant (minimum qualification) per day	$4.15
Higher first aid cert. (per day)	$6.55
Furnace work	$2.57
Higher work- Painting trades	$0.91
Hot work between 46-54 Degrees Celsius	$0.99
Exceeding 54 degrees	$1.24
Insulation	$1.24
Laser user and allowance (per day)	$4.06
Living away from home allowance (per day)	$83.03
Return trip transport Employee/tools (per return trip)	$33.06
Leading hand not more than 1	$0.76
Leading hand 2 and not more than 5	$1.65
Leading hand 6 and not more than 10	$2.10
Leading hand more than 10	$2.79
Meal allowance (per instance)	$20.34
Multi-storey (Height): commencement to 15th floor	$1.38
Multi-storey (Height): 16th to 30th	$1.64
Multi-storey (Height): 31st to 45th	$2.55
Multi-storey (Height): 46th to 60th	$3.30
Multi-storey (Height): 61st and onwards	$4.03
Plaster or composition spray	$0.99
Power Tools	$0.99
Roof repairs	$0.90
Roof repairs over 15 metres eaves pitch over 35 degrees	$1.24
Roof repairs over 15 metres eaves pitch over 40 degrees	$1.76
Second hand timber (per day)	$3.84
Slushing	$0.99

Spray application- Painters	$0.99
Swing scaffold first 4 hours 0-15 storeys	$7.08
Swing scaffold after 4 hours 0-15 storeys	+$1.48
Swing scaffold first 4 hours 16-30 storeys	$9.11
Swing scaffold after 4 hours 16-30 storeys	+$1.92
Swing scaffold first 4 hours 31-45 storeys	$10.78
Swing scaffold after 4 hours 31-45 storeys	+$2.27
Swing scaffold first 4 hours 46-60 storeys	$17.66
Swing scaffold after 4 hours 46-60 storeys	+$3.71
Swing scaffold first 4 hours greater than 60 storeys	$22.52
Swing scaffold after 4 hours greater than 60 storeys	+$4.73
Tool Allowance: Artificial stoneworker, Stonemason, Carpenter and/or Joiner, Carver, Letter cutter, Marble and Slate Employee, Marker and Setter Out, Plumber, Special Class Tradesperson	$2.45
Tool Allowance : Caster, Fixer, Floor layer specialist, Plasterer, Tiler	$2.10
Tool Allowance: Bricklayer, Waterproofer	$1.83
Tool Allowance : RoofTilers, Slate Ridge, or Roof Fixer	$1.40
Tool Allowance: Scaffolder, Rigger, Steelfixer,Concreter	$0.90
Tool Allowance: Painter, Glazier, Licensed Drainer, Signwriter	$0.80
Towers allowance	$0.99
Toxic substances working in close proximity	$1.24
Toxic substances (working with)	+$0.99
Underground allowance (per week)	$21.02
Underground allowance (per day or shift or part thereof)	$4.23
Wet concrete or campo	$0.90
Wet work	$0.99
Travelling outside radial areas (per Km)	$0.80
Transfers during working hours (per Km)	$1.44
Compensation for tools (per instance)	$2,618.07

*Please note all allowances are listed by hourly rate unless noted otherwise.

APPENDIX 3 ï RDO CALENDARS

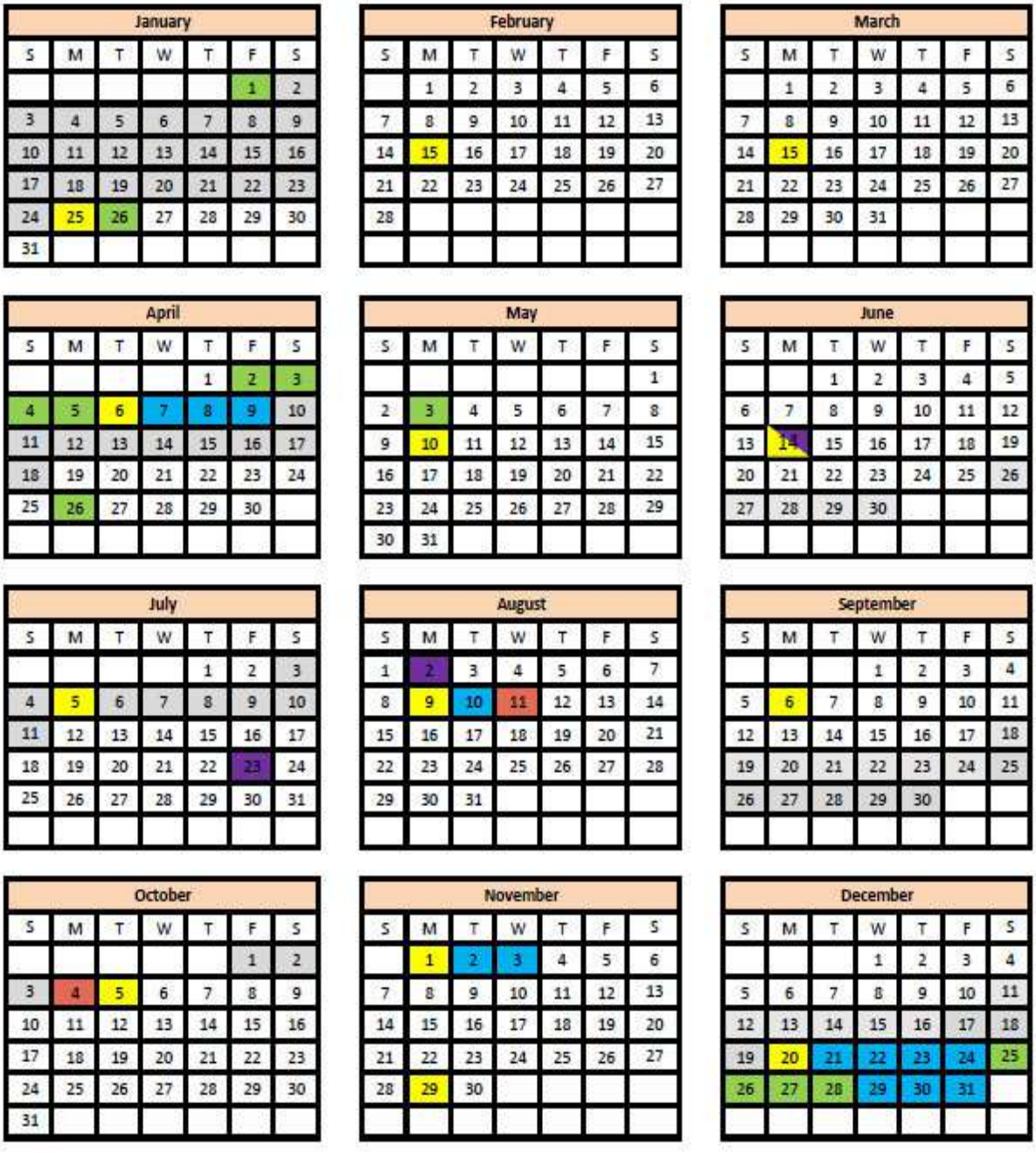
2020 RDO CALENDAR



QLD School Holidays
Public Holidays
QLD only public holidays
NT on Public Holidays
EBA RDO's
Industry RDO's

CFMEU
QLD/NT

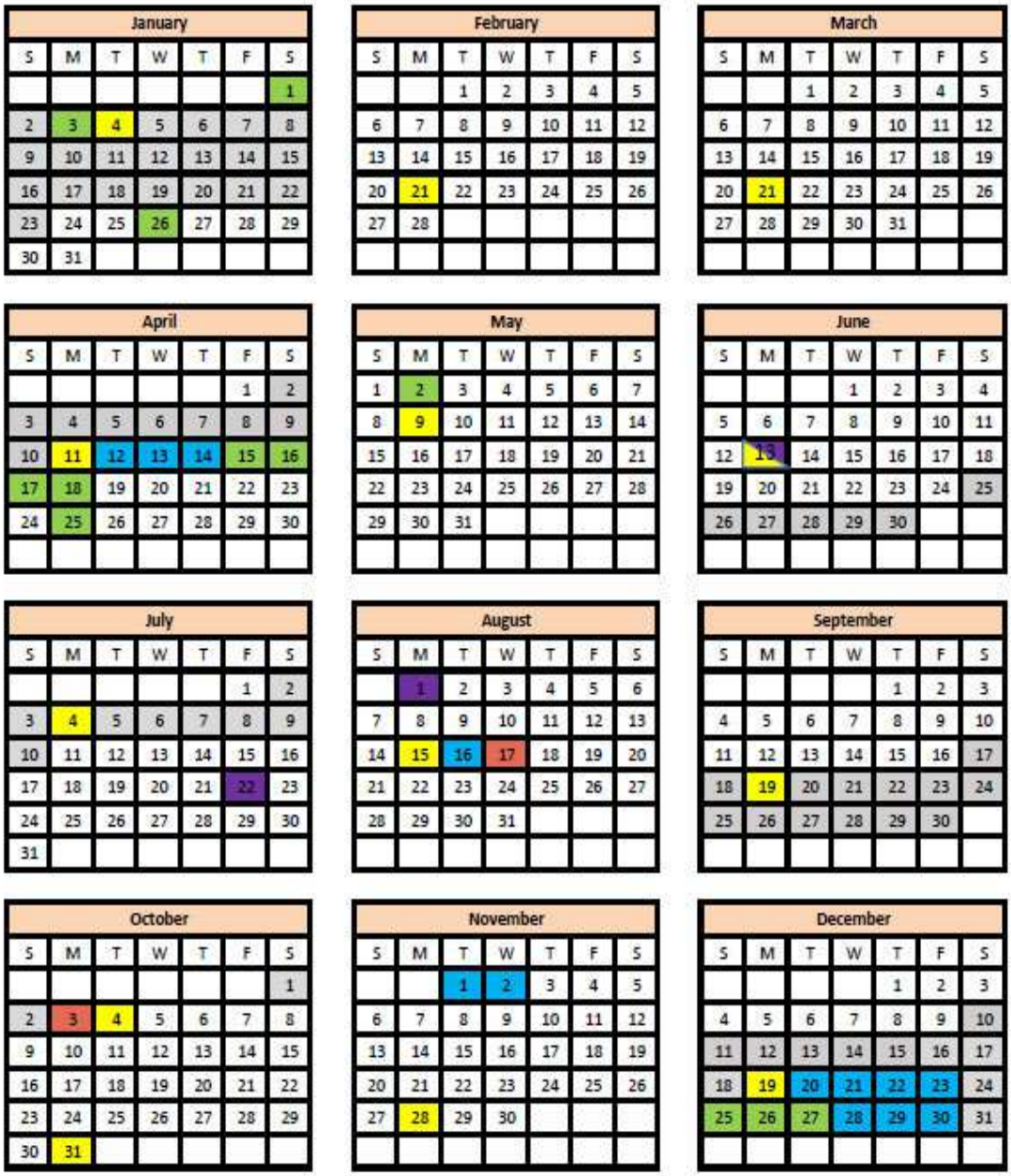
2021 RDO CALENDAR



QLD School Holidays
Public Holidays
QLD only public holidays
NT on Public Holidays
EBA RDO's
Industry RDO's

CFMEU
QLD/NT

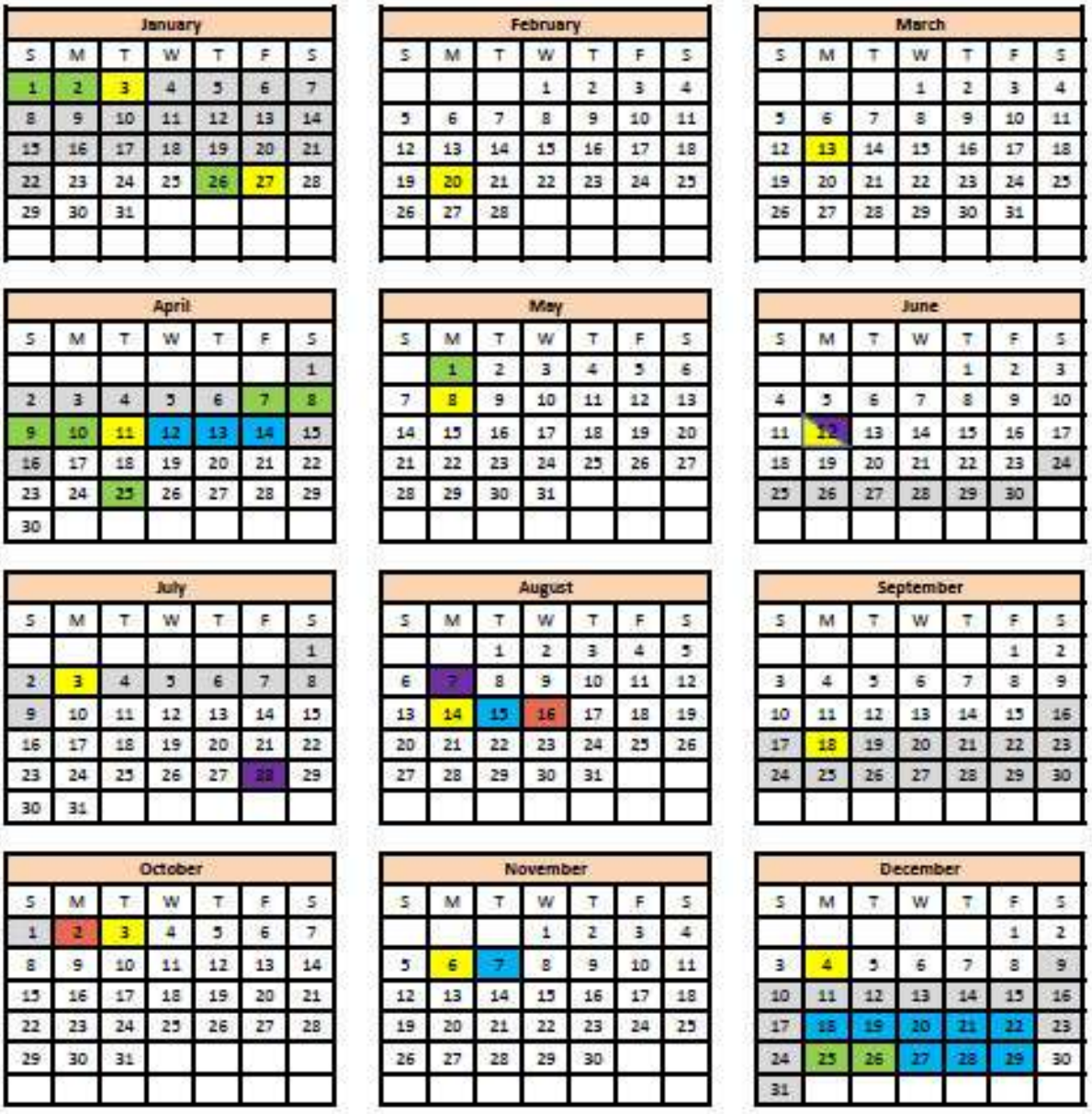
2022 RDO CALENDAR



QLD School Holidays
Public Holidays
QLD only public holidays
NT on Public Holidays
EBA RDO's
Industry RDO's

CFMEU
QLD/NT

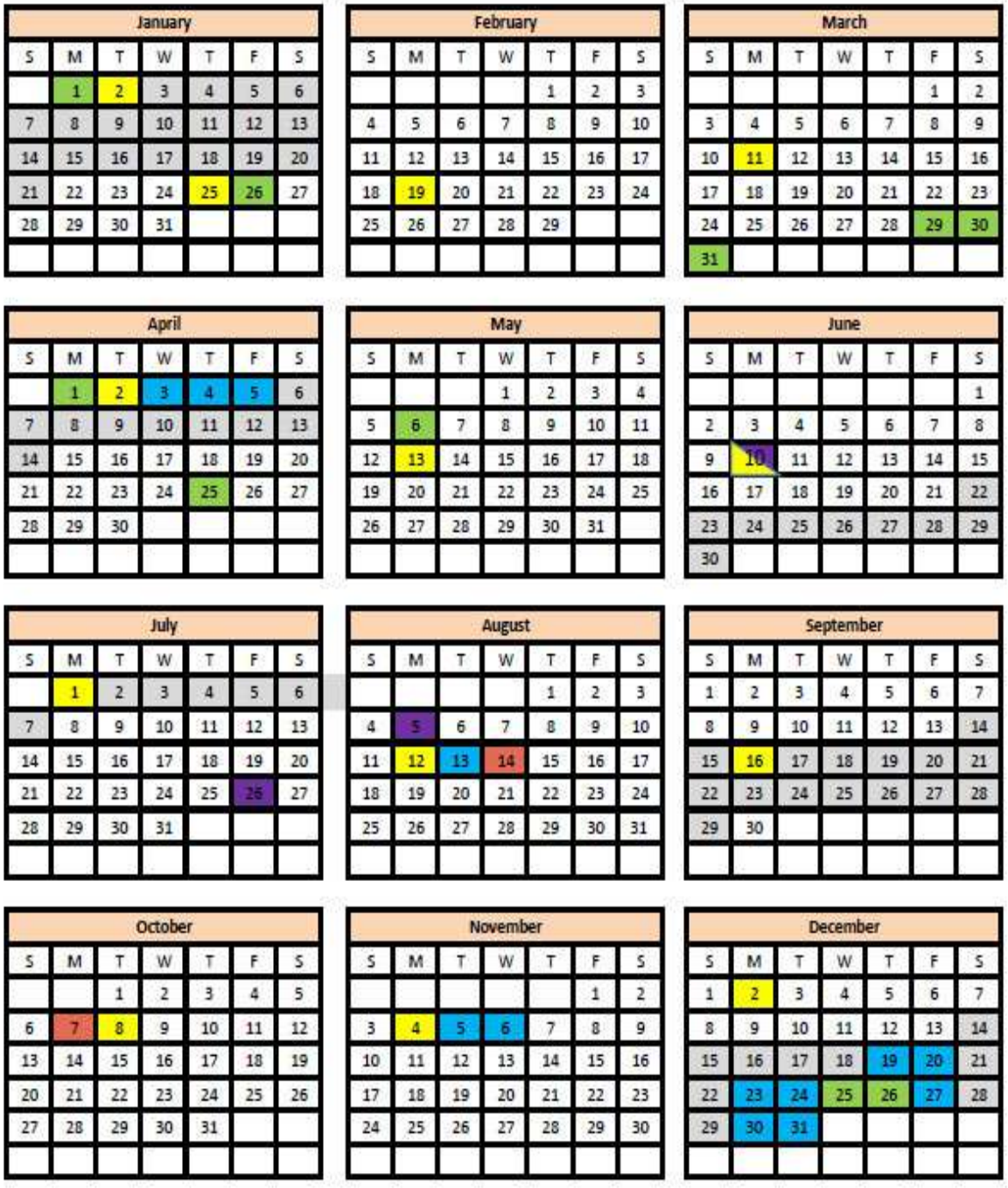
2023 RDO CALENDAR



QLD School Holidays
Public Holidays
QLD only public holidays
NT on Public Holidays
EBA RDO's
Industry RDO's

CFMEU
QLD/NT

2024 RDO CALENDAR



QLD School Holidays
Public Holidays
QLD only public holidays
NT on Public Holidays
EBA RDO's
Industry RDO's

CFMEU
QLD/NT

APPENDIX 4 ï IMPAIRMENT POLICY

1. PRINCIPLES

1.1 The health, wellbeing and safety of employees are of paramount importance to the employer, employees and their Unions. This policy is part of a broad work, health and safety (WHS) program to secure the highest level of health and safety in the workplace.

1.2 The policy adopts a WHS approach that involves identifying, assessing and controlling all workplace hazards, using the hierarchy of control, and then reviewing these controlsto ensure ongoing improvements.

1.3 The focus of this policy is on the WHS risks associated with impairment and should be read in conjunction with other company policies concerning health and safety, particularly in relation to fatigue management, risk management and safe systems of work.

1.4 This policy has been compiled in a manner that is non-punitive and supportive of employees. This policy shall not be used in a discriminatory manner. Anti-DiscriminationLaw protects against discrimination on the basis of addiction and may also protect against discrimination on the basis of impairments caused by drug and alcohol addictionor use.

1.5 The policy and procedures adopt a peer based intervention approach based on fairnessand equity for all employees.

2. SCOPE

2.1 This policy will apply to all employees (including managers and supervisors), contractors and labour hire staff. The policy applies to these groups at all times when they are engaged in company business, whether on or off site and when driving company vehicles.

3. STRUCTURE

3.1 The Impairment Policy is categorised in order with the intended implementation:

Training & Awareness

(a) Extensive research has shown training and awareness of impairment related issues provides the most effective means of behavioural change and encourages better decision making. The two types of training in accordance with this policy to do this are:

(i) Workplace Impairment Training (WIT) - all workers onsite will do this training;

(ii) Preliminary Impairment Assessment (PIA) - HSRs, delegates and the PC's safety staff will undertake this training.

3.2 Testing

Testing for drugs and alcohol is used to support and measure the results of the education and awareness program.

3.3 Support Services

Rehabilitation, counselling and EAP's. Support is strictly non- punitive, and can be accessed at anytime (self-identification of the need for help is strongly encouraged).

4 OBJECTIVES

4.1 The objectives of this policy are as follows:

(a) To provide a safe and healthy working environment for all workers;

(b) To work collaboratively in the implementation and co-ordination of this policy with employees, employers and their elected representatives to achieve the objectives of this policy;

(c) To eliminate and control risks which may lead to impairment affecting health and safety in the workplace;

(d) To ensure that there is a mechanism for managing impairment at work that is transparent, objective and in accordance with the purpose of this policy;

(e) To ensure that all persons are provided with adequate information and education on the health and safety issues surrounding impairment, and on the operation of this policy;

(f) To ensure that employees have access to rehabilitation, support and counselling of their choice on a voluntary basis that is independent, professional and confidential, without jeopardising their employment;

(g) To ensure confidentiality of information concerning the application of this policy to a worker is maintained.

5 RESPONSIBILITIES

5.1 The employer shall:

(a) Provide a work environment that is safe and without risks to health and safety;

(b) Provide information about the testing requirements to all existing employees, contractors and labour hire staff and to all new staff at the point of induction;

(c) Ensure that this policy is implemented fairly and equitably across all sections of the workforce;

(d) Comply with the four policy implementation steps outlined below;

(e) Have adequate resources (e.g., a room that allows for confidential impairment assessments to be discussed, if necessary, suitable transport to safely remove impaired employees from the workplace to be able to meet the objectives of this policy.

5.2 Employees shall:

(a) Co-operate reasonably with the employer in the implementation of this policy;

(b) If any employee reasonably believes that any person on the site may be a health and safety risk to themselves or others they should inform their employer and their relevant Preliminary Impairment Assessor (PIA) of this belief;

(c) Not possess, consume, or be under the influence of, alcohol or other drugs while working;

(d) Ensure that they do not work, if they believe that they may be impaired;

(e) Consult their doctor or pharmacist about possible side effects of using prescribed or over-the-counter medication;

(f) Inform their employer and their Preliminary Impairment Assessor (PIA) if they have been made aware by their treating doctor or pharmacist of possible impairment as a side effect of medication, or if they feel impaired by medication.

6 POLICY IMPLEMENTATION WILL INVOLVE THE FOLLOWING STEPS.

6.1 PC/Employer and Union shall agree on a policy start date.

6.2 Engagement of an agreed training and rehabilitation/treatment service providers.

6.3 Provision of on-going Workplace Impairment Training (WIT) and PreliminaryImpairment Assessors training (PIA).

6.4 Ongoing promotion of this policy

A purpose of the policy and procedure is to provide protocols and procedures for workplace alcohol and other drug testing that are evidence-based, consistent with best practice, comply with relevant Australian Standards, and contribute to workplace safety and worker wellbeing.

6.5 The following drug and alcohol testing programs will be adopted:

(a) Self-testing;

(b) Random Shift testing;

(c) For-cause testing;

(d) Post-incident testing;

(e) Reasonable concern testing;

(f) Testing of Minors.

6.6 Any employee who is assessed as being impaired shall be advised to contact the rehabilitation/treatment provider.

6.7 The employee will be permitted to access personal leave in the first instance and then take accrued personal leave entitlements for the period of time they are accessing the treatment provider.

6.8 With the endorsement/acceptance of the Impairment Policy the Principle Contractor (PC) will undertake to not pass the implementation and cost of drug and alcohol testing to its subcontractors.

6.9 It will also ensure compliance with this policy as follows:

(a) Subcontractors will be contractually required to comply with this procedure as a condition of contract

(b) All direct employees of the PC as a condition of their employment must agree to adhere to the terms and conditions of the impairment policy.

6.10 Notwithstanding anything else contained in the policy, the costs of all testing contained within this policy shall be borne by the PC unless otherwise specified in this document.

7. DEFINITION OF A WORKER

7.1 Anyone who carries out work for a Person Conducting a Business or Undertaking, such as:

(a) an employee (either salaried or wages);

(b) a contractor or subcontractor;

(c) an employee of a contractor or subcontractor;

(d) an employee of a labour hire company;

(e) an apprentice or trainee;

(f) a student gaining work experience;

(g) an outworker;

(h) a volunteer;

(i) a visitor to a workplace.

8. TRAINING

8.1 The training provider shall be the Workplace Impairment Officer or other agreedprovider between the Union and the PC/employer. Impairment awareness training sessions will be delivered to all workers (including principal contractor workers), sub- contractors and labour hire workers at least once every two years.

8.2 For the avoidance of doubt, site visitors will not be required to complete the training set out in 3.1, but will be required to participate in testing where applicable.

8.3 In addition to the below training course outlines, principal contractors will be requiredto develop a site specific information session to be delivered as part of the site induction outlining their Drug and Alcohol testing procedures for the site.

8.4 The below requirements will be audited on an annual basis. Requirements for an approved training provider:

(a) Must have previous experience delivering Workplace Impairment Training;

(b) Must consult with professional organisations to develop all training courses;

(c) Must be able to demonstrate a continuous improvement plan for each training course.

8.5 Trainers must have the following qualifications:

(a) Cert IV in WHS;

(b) Cert IV in Training and Assessing (TAE);

(c) Nationally Accredited Course in On-Site Drug and Alcohol Testing;

8.6 All training must be delivered Face to Face (F2F).

8.7 Workplace Impairment Training (WIT)

(a) WIT course must be a minimum of (2) hours in length and must cover the following topics:

(i) Australian Workplace Health and Safety construction statistics;

(ii) Overview of the Workplace Health and Safety Act, state specific;

(iii) Mental Health - discussing at length stress, anxiety and depression;

(iv) Fatigue - overview of causes and coping mechanisms;

(v) Illness and Injury - management of illness and injury, legal requirements and rehabilitation process;

(vi) Chemicals, Heat, Cold, and Noise and their abilities to cause impairment at work;

(vii) Legal/Illegal Drugs and Alcohol - statistics on current usage, potential negative consequences to the workplace, workplace deaths and accidents associated with drug and alcohol use;

(viii) Harm related to drug and alcohol use;

(ix) Understanding what is a standard drink and how long this will stay in yoursystem;

(x) Detection rates for illegal drugs;

(xi) Administering self-alcohol and drug tests;

(xii) Information about EAP and the services

they offer.

8.8 Preliminary Impairment Assessor (PIA)

(a) PIA training must be a minimum of (4) hours in length and must cover the following topics:

(i) Understanding the signs of impairment;

(ii) Conflict resolution;

(iii) Skills to conduct an impairment Assessment;

(iv) Overview of what a PIA is;

(v) What are possible impairment factors;

(vi) Causes and symptoms of impairment;

(vii) Investigative skills.

(b) Training is not to be conducted in a lunchroom, unless there are multiple lunchrooms on site and:

(viii) the training session will not interfere with workers wanting to use the room for smoko or lunch; or

(ix) the training session will not be interfered with by workers wanting to use the room in general.

8.9 No worker can be tested for drugs and/or alcohol unless they have been trained in this policy.

9. TESTING METHODS

9.1 Alcohol Testing Method

Alcohol testing must only be done by use of an Accredited Breath Test device. The device must be calibrated and meet the minimum requirements of AS3547.

9.2 Drug Testing Method (except for circumstances where Rail Safety National Law applies to a Worker)

(a) Drug testing may only be performed by oral fluid testing;

(b) The equipment used to perform the test shall be used, tested and calibrated to the manufacturer's instructions and certified to AS 4760 (Process for specimen collection and the detection and quantitation of drug in oral fluid);

(c) The drug testing shall be conducted by an accredited person, following all of the chain of custody provisions;

(d) The test must be performed in accordance with AS 4760 (Procedures for specimen collection and the detection and quantitation of drugs in oral fluid).

9.3 As part of this policy with regards to Drug and Alcohol testing the following substancesmust be tested for:

(a) Alcohol;
(b) Opiates;
(c) THC;
(d) Cocaine;
(e) Benzodiazepines;
(f) Amphetamine; and
(g) Methamphetamine

10. TESTING PROVIDER

10.1 Must be NATA Accredited.

10.2 Must have accreditation AS4760:2006 Procedures for specimen collection and the detection and quantitation of drug abuse in oral fluid.

10.3 Must be agreed upon by the PC/Employer and the Union.

10.4 Minimum standards that the testing company must meet are as follows:

(a) competent and trained staff;
(b) appropriate equipment and instruments;
(c) proper management and storage of test kits and reagents;
(d) secure and controlled storage and management of samples;
(e) comprehensive record keeping; and
(f) clear and precise reporting.

10.5 Before the Authorised Testing Agent is engaged to be the sample collector for the principle contractor all relevant stakeholders must be engaged to make sure there is noconflict of interest and that they are totally independent. If a conflict of interest exists,or should arise, the Authorised Testing Agent must report it immediately.

11. ROOM REQUIREMENTS

11.1 Unless otherwise agreed with the health and Safety Committee, each workplace shall have a room nominated for use to undertake drug and alcohol testing consistent with this procedure. This room will not normally be the first aid room at a workplace unless a workplace has multiple first aid rooms and the use of a first aidroom for the purpose of drug and alcohol testing will not affect the ability of the workplace to respond to a first aid incident

11.2 The room selected for use must so far as reasonably practicable:

(a) Provide privacy for the Worker being tested including but not limited to:

(i) Have a closing door;

(ii) Not allow for casual visual observation of the testing process by other Workers external to the room e.g. through glass windows;

(iii) Not allow conversations to be casually overheard by other workers;

(b) Be clean and hygienic;

(c) Be free from interruption whilst testing is being undertaken;

(d) Include discrete entry and exit.

12. TESTING REQUIREMENTS -

12.1 Code compliant workplaces -

On workplaces where the value of the Commonwealth's contribution to the project that includes the building work is at least $5,000,000, and represents at least 50% of the total construction project value or the Commonwealth's contribution to the project that includes the building work is at least $10,000,000 (irrespective of its proportion of the total construction project value) the following minimum testing requirements must be adhered to.

12.2 Alcohol - on the day of testing all workers onsite shall be required to submit a breath sample i.e. blanket testing.

12.3 Drugs -As a minimum, frequent periodic testing (at least once per month where required by law, at intervals required by the client or by mutual agreement by the PC/employer and the Union) of the workforce (both construction Workers and site office Workers) will be as follows:

(a) where there are less than 30 Workers at a workplace – at least 10% of the workforce;

(b) where there are 30 to 100 Workers at a workplace – a minimum of 5 Workers; and

(c) where there are greater than 100 Workers at a workplace – a minimum of 10 Workers;

(d) The frequency of testing and the number of workers selected shall be increased in line with the escalation below where test results meet the criteria indicated:

12. Number of Workers	12. Criteria	12. Action
12. Less than 30 workers ata workplace	12. Confirmed positive results in 2 consecutive tests at the sameworkplace	12. Testing of 20% ofworkforce
12. 30-100 workers at a workplace	12. Confirmed positive results for 3 or more workers in 2 consecutive testing rounds at the same workplace	12. Testing of 10 workers
12. Greater than 100 workers	12. Confirmed positive results for 6 or more workers in 2 consecutive testing rounds at the same workplace	12. Testing of 20 workers

12.4 The increased testing requirements shall continue until no Confirmed Positive test results are recorded for 2 consecutive testing periods.

12.5 Other jobs

On jobsites/workplaces where there is no Commonwealth contribution testing frequency will be agreed upon by mutual consent by the PC/Employer and the Union. Testing requirements will remain the same for all jobsites i.e. blanket alcohol and code requirements for drug testing.

13. PRESCRIBED MEDICATIONS

13.1 Workers that are taking Prescribed Drugs or Pharmacy Only Drugs that they believe could register a positive test result should inform the Authorised Testing Agent prior to undergoing any requested test

13.2 If a Worker fails to declare that they are taking Prescribed Drugs or Pharmacy Only Drugs before being tested and they record a Non Negative Result Initial Test result, a post test declaration will not be considered relevant to the result and the Worker will be excludedfrom duty for the remainder of the shift, subject to a Confirmatory Test.

13.3 Workers who record a Non Negative Result Initial Test result will be excluded from theirwork duties and the workplace until a Confirmatory Test result has been received.

13.4 If that confirmatory result is a Positive Result Confirmatory Test, then:

a) The terms and conditions of the applicable industrial agreement shall be observed in relation to consultation and consequence management action.

13.5 When a confirmatory test result is negative or the result recorded is less than the targetlevel or is consistent with a level expected from therapeutic use of a Prescribed Drug orPharmacy Only Drug, which was advised by the Worker, then the test result shall be considered a Negative Result Initial Test for the purpose of any consequence management action

13.6 Where a Worker is excluded from the workplace as a result of a Non Negative Result Initial Test for Drugs and the confirmatory test is positive for a Pharmacy Only or Prescription Drug, the following factors would normally be considered in deciding whenit is appropriate to allow a worker to return to the workplace and/or return to normal duties:

a) Whether the worker declared the medication during the pre-test interview with the Designated Collector or Authorised Testing Agent;

b) The level of the medication detected is consistent with therapeutic use;

c) Written advice from the worker's doctor advising that the medication is required to treat a medical condition; and

d) The medication will not affect the worker's ability to perform the inherent requirements of their job - i.e. they are fit for work.

14. SPECIAL CIRCUMSTANCES FOR PRESCRIPTION MEDICATION

14.1 A Worker participating in a treatment plan for a medical condition, managed by a Registered Medical Practitioner and involving a Prescribed Drug/Only Drug could resultin a Non Negative Result Initial Test if they are selected for Drug and Alcohol testing.

14.2 If in the above circumstance a Non Negative Result Initial Test occurs, and provided thatthe

Worker has:

(a) Declared their use of the Prescribed Drug/Pharmacy Only Drug in a letter less than 12months old from a registered medical practitioner before the commencement of testing; and

(b) Declared their use of the Prescribed Drug/Pharmacy Only Drug to the Authorised Testing Agent or Designated Collector before the commencement of testing;

(c) Then the Non Negative Result Initial Test result shall be recorded at the workplace and a second sample of oral fluid shall be taken and sent for confirmatory testing. The worker shall be allowed to remain at work but must be precluded from high risk construction work activity until the result of the confirmatory test is known.

14.3 Where the results of the confirmatory test identify the Prescribed Drug/Pharmacy OnlyDrug declared and the levels are consistent with that prescribed by the prescribed medical practitioner, then a Negative Result shall be recorded and no results retained.

14.4 Where the results of the confirmatory test identify the Prescribed Drug/Pharmacy OnlyDrug declared and the levels are not consistent with that prescribed by the Registered Medical Practitioner or another drug(s) type is recorded then a positive result confirmatory test shall be recorded.

14.5 Where the Worker has not provided both declarations contained within this part then the Worker shall be excluded from the workplace until the results of the confirmatory test are known.

15. TESTING RESULTS

15.1 Alcohol

(a) A worker who returns a negative alcohol test will be allowed to return to work with no personal record of the test kept. A worker who returns a positive result for alcohol (above 0.00mg/ml) will be deemed not fit work and will not be permitted to return to work;

(b) When a worker tests positive to alcohol in their system the workers blood alcohol concentration (BAC) may be decreasing or it may be increasing. In the interests of safety the Workers will be directed to remain within the testing vicinity and they will be re-tested no sooner than 60 minutes after the original test;

(c) If the second test result is 0.000% the test will be regarded as negative and the Worker may return to normal duties. A Positive Result Confirmatory Test will not be recorded in these circumstances;

(d) If the later confirmatory test indicates a BAC of greater than 0.000% a Positive Result Confirmatory Test will be recorded;

(e) Alcohol testing shall be carried out by an Authorised Testing Agent agreed upon by the PC/Employer and the Union. The following steps shall be undertaken:

i. Details of the identity of the Worker to be tested shall be recorded including the workplace name, work area and their employer will be listed on a drug and alcohol testing record form by the independent Authorised Testing Agent:

ii. Workers with a BAC of greater than zero (greater than 0.000%) shall discontinue any work activities and shall be directed to undertake a second test sixty (60) minutes after the first test and the results recorded on a Drug and Alcohol Testing record Form by the independent Authorised Testing Agent:

iii. Where the second test indicates a level greater than 0.00% BAC the Worker will be further excluded from work duties for the remainder of the shift;

iv. Where a Worker is to be sent home using their own transport this shall only be permitted if the blood alcohol concentration test result is below that prescribed by applicable road transport legislation and has been determined as not rising for that Worker.

Note: If the Worker's blood alcohol concentration result is greater than or equal to 0.05% BAC, all reasonable assistance is to be afforded to ensure an affected Worker can make their way from the Workplace to a safe location without harm (e.g. taxi, lift from a friend or Supervisor).

Contractors will be responsible for the management/arrangements for their employees in accordance with their own employment arrangements.

v. Any Worker that is excluded from work duties for the remainder of a shift or sent home, must, before commencing work for their next shift undertake an alcohol breath test prior to commencing that shift. If the results are negative (0.00mg/ml) the Worker shall be allowed to commence work. If the Worker returns a positive test they will not be allowed to commence work, hence page 12 of this document, 15.1 Alcohol- d) will apply.

15.2 Drugs

(a) A worker who returns a negative test will be allowed to return to work. A worker who returns a non-negative test result from their initial test (equal to or above the relevant cut-off levels of the substances referred to in AS 4760) will be deemed not fit for work and will not be allowed to return to work. (Benzodiazepine level to be provided by the prescribed testing laboratory);

(b) Drug testing will be administered by the collection and analysis of an oral fluids specimen (saliva). Before conducting a drug test, the process used by the independent Authorised Testing Agent must be explained to the Worker providing the saliva sample;

(c) Collecting and testing of saliva specimens shall be carried out by an Authorised Testing Agent, agreed upon by the PC/Employer and the Union, and confirmatory testing is tobe carried out by a NATA accredited laboratory;

(d) A Confirmatory Test will be required where a Non Negative Result Initial Test is recorded at the initial test. The handling of specimens taken for confirmatory testing is detailed in the process used by the Authorised Testing Agent and must be completed to Australian Standards;

(e) Any worker attending the workplace under the influence of drugs or alcohol will be prohibited from entry. A worker returning to the workplace following their exclusion for a Positive Result Confirmatory test will be required to submit to a drug and alcohol test prior to commencing work and receive a Negative Result Initial Test for Drugs or Alcohol prior to commencing work.

16. FORMS OF TESTING

16.1 Self-Testing

(a) The PC/Employer shall be required to provide sufficient self-testing facilities for alcohol and/or drugs for up to 10% of the workforce;

(b) Where self-test facilities are made available voluntary or self-testing for alcohol will be available for Workers prior to presenting for work. A wall mounted breathalyser (optional) will be located in an area that provides for discrete privacy for the worker, whilst completing the test so the test results cannot be inadvertently observed and disclosed to other parties;

(c) A Worker undertakes self-testing at his/her own accord; therefore, no test details are recorded. However, all Workers have obligations under the Work Health and Safety Act or equivalent occupational health and safety or occupational safety and health legislation in other States or Territories and must not wilfully place at risk their health and safety or the health and safety of other Workers or people at the workplace by commencing work if they believe they're impaired.

16.2 Random Shift Testing

(a) In terms of Random Shift Testing it is in imperative that the PC/Employer and the Union do not know on what day, or at what time the Authorised Testing Agent will conduct the tests;

(b) It is a condition of entry for all Workers at any workplace to comply with any request to participate in random Drug and Alcohol testing as a condition of employment or contract. This means that all Workers attending or seeking to attend a workplace will be eligible for testing;

(c) Testing for Alcohol or other Drugs for Workers shall be mandatory and will be undertaken at any time throughout the Worker's hours of work (including overtime) or at any time whilst at the workplace;

(d) Individual Workers will be selected for drug testing using a simple random selection process. A random draw will be conducted using an Authorised Testing Agent independent software to randomise the selection of Workers for testing, or a process otherwise agreed with the Health and Safety Committee;

(e) The random selection process includes the selection of Workers from across the entire workplace subject to the testing;

(f) A Worker selected for testing will be required to present themselves for testing within a reasonable time. Random shift testing shall be conducted in a room which provides for privacy for the selected worker during testing; the requirements for this room are outlined in the Room Requirements section of this policy.

16.3 For Cause Testing

(a) An employer/supervisor may only request an employee to undertake for cause testing if:

(i) The employee has been involved in an accident or incident, or had the potentialto, cause:

(ii) serious and major damage to mobile plant or property; or

(iii) an injury to themselves or other individual(s);or

(iv) Participation in a relevant and specific industry focus area when the worker is undertaking High Risk Work as identified by the employer and consistent with OHS legislation. Workers will be selected for testing using a random selection process nominated by the employer following a consultation process in line with OHS legislation.

16.4 Post Incident Testing

(a) After the occurrence of a significant incident/event at a workplace, all Workers involved in the incident may be required to undergo an initial Drug and Alcohol test.

(b) Where a Worker(s) is to be tested following a significant incident/event they shall be supervised by an Employer Representative and Employee Representative continually from the time of the incident until they have completed all testing required.

(c) Post Incident Testing will be conducted as soon as practical after the incident/event and when it is safe to do so.

(d) An injured Worker who requires immediate medical attention may only be tested when it is appropriate and safe to do so. This will be determined by the Construction Manager, the HSR, Delegate and the relevant PIA in consultation with the attending medical practitioner. In such cases, where testing can be conducted while under medical care, a saliva testing process will be used.

16.5 Reasonable Concern Testing

(a) An employer may only request an employee to undertake reasonable concern testing if the following criteria are met:

(b) An observable phenomena occurs, which is:

- the direct observation of the employee of use of, and/or the physical behavioural symptoms of being impaired by, alcohol; and/or
- Unusual and/or inexplicable actions by the employee; or

(c) There is evidence that the employee is involved in the use or possession of alcohol and/or other drugs while working; or

(d) The employee has breached safety precautions or procedures.

16.6 Testing of Minors

(a) A letter of consent contained within the work experience and student placement procedure shall be signed by the parent or guardian of any worker who is a minor seeking to access a workplace where the Impairment Policy is in place, as a condition of entry to that workplace. Alternatively, an equivalent letter signed by the parent orguardian can be provided through the minor's employer/host employer.

(b) Where a minor is selected for testing and:

(i) A letter of consent is held, then the provisions of this procedure shall apply; or

(ii) Where a letter of consent is not held, every effort will be made to contact the minor's parents/guardians to get verbal consent to participate in the testing procedure. If consent is given then the normal testing procedures will apply, if contact cannot be made and/or consent is not given then the minor will be excluded from any high risk activities or potentially excluded from site until consent is given.

17. REFUSAL TO TEST

17.1 If a Worker refuses to participate in workplace Drug and Alcohol testing the followingwill apply:

(a) The Employer, will inform the Worker and the workers chosen representative, that the refusal will have the same consequences as a non-negative result, i.e. that the employee will be deemed to be unfit for work due to the presence of alcohol or drugs;

(b) If the worker still refuses, the Employer and the PIA, shall consult with the worker and the workers chosen representative, regarding the requirements, process and consequences of refusing to test and encourage them to partake in the test. This would be the second request to be tested;

(c) If the worker still refuses, the refusal will be treated as a confirmed positive result, and will be subjected to the relevant consequences of such. All reasonable assistance is to be offered to ensure the employee can make their way from the workplace to a safe location without harm (i.e. taxi, lift from a friend or fellow worker). An agreed leave of absence arrangement is to apply for the duration of their absence.

18. DISCIPLINARY ACTION

18.1 The following sets out the action which may be taken when a worker returns aconfirmed positive result to an alcohol or drug test.

18.2 First Occasion - A worker who has received a first confirmed positive test for alcohol or drugs (other than by self-testing) will be:

(a) Required to attend the Support as referred to in this Policy;

(b) Informed of the consequences of testing positive and their obligations to present, or remain in a fit state;

(c) Informed of further disciplinary action and testing requirements should they have a confirmed positive result (alcohol or drug) within the next 12 months.

18.3 Second occasion - A worker who has received a second confirmed positive test for alcohol or drugs (other than by self-testing) within any 12 month period will be:

(a) Required to re-attend the Support as referred to in this Policy

(b) Required to participate in a rehabilitation program referred to in “Support” in this policy

(c) Informed of the consequences of testing positive and their obligations to present, or remain in a fit state;

(d) Given a verbal warning with a diary entry placed on file; and

(e) Informed of further disciplinary action and testing requirements should they have a confirmed positive result (alcohol or drug) within the next 12 months.

18.4 A worker who has received three confirmed positive test results for alcohol or drugs which has been detected in a 12 month period may be disciplined under the Employer’sdisciplinary processes.

18.5 A worker who fails to attend EAP sessions may be disciplined under this policy in accordance with principles of natural justice.

18.6 No disciplinary action will be taken in respect of positive test results from a self-test.

19. SUPPORT

19.1 The Principle Contractor (PC)/Employer will make available support to workers in respect of drug and alcohol issues. This will include:

(a) allowing access to any Union support programs; and

(b) provide an employer funded Employee Assistance Provider (EAP) to be available to workers.

19.2 The worker will be allowed to access a Union support program and/or EAP counselling during normal working hours and without loss of pay, or any form of employer retribution.

20. SELF- DECLARATION

20.1 Workers will not be disadvantaged for self-disclosure and therefore will be supported through counselling and rehabilitation processes and provided with the Support contained in this policy. In such cases the worker will be permitted to access personal leave in the first instance, then accrued leave, and may return to work when fit for duty.

20.2 The worker may be suspended from any work, with pay, with immediate effect in orderfor an assessment to be made of the duties they are able to perform safely and a drug and alcohol test is to be taken as soon as reasonably practicable.

22. PRIVACY

21.1 Drug and Alcohol testing results shall remain confidential and will only be used for the purpose of compliance with this Procedure in the manner required by the Privacy Act 1988 (Cth). Any information provided or declared by a Worker regarding:

(a) Prescribed Drug and Pharmacy Only Drug consumed;

(b) Medical conditions or the like;

(c) Their proposed return to the workplace following exclusion by this procedure;

21.2 Will also remain confidential and managed in accordance with the Privacy Act 1988 (Cth). Similarly, where a Worker supplies information regarding the use, sale or supply of Drugs or Alcohol at a workplace, unless the Worker otherwise agrees or as otherwiserequired by law, the Worker's identity will be kept confidential.

21.3 All Positive Results Confirmatory Test will be maintained on the relevant Worker's personnel records located at the workplace.

21.4 Protections from Worker Deoxyribonucleic Acid (DNA) misuse

21.5 Workers selected for testing shall have their personal DNA protected by:

(a) In the case of unintended collection of a Worker's DNA during the collection of an oral saliva sample for an initial test, by the worker being offered the used collection cartridge upon completion of the initial test.

(b) In the case of unintended collection of a Workers DNA during the collection of an oral saliva sample for testing at a NATA approved laboratory for an initial Non Negative Result Initial Test, by ensuring that the documentation that accompanies the collection cartridge to the NATA approved laboratory does not include the workers name or address but contains only that information sufficient to comply with AS4760 e.g. test report number and date of birth.

22. CONSULTATION

22.1 If a party believes that an amendment to the impairment policy is required, they shall request and organise a consultation meeting involving the Employer, the Union and any other relevant stakeholders.

22.2 The attendees shall seek to reach agreement on any proposed amendments.

22.3 No amendments shall be implemented unless agreement is reached by the Employer, the Union and the relevant stakeholders.

22.4 Employment Assistance Program (EAP)

22.5 The Employment Assistance Program (EAP) is an agreed independent, professional and confidential service that aims to provide employees with assistance when affected by personal or job related problems.

22.6 To have a successful Impairment Policy at the workplace, the Policy must address how those at the workplace, including employees of the principal contractor, subcontractorsand their employees and others, will be required to comply with the Impairment Policy.

22.7 The below requirements will be audited on an annual basis of the employer:

(a) Must be able to provide EAP support in all States, Territories and regional areas of Australia;

(b) Must outline in their Impairment Policy how workers who attend for work affected by drugs or alcohol will be counselled and assisted, apart from any disciplinary process that might apply;

(c) Must have a memorandum of understanding (MOU) with relevant stakeholders within treatment support areas;

(d) Provide support for their workers and their immediate families;

(e) Must be able to provide treatment services which must include the following:

(i) General counselling;

(ii) Drug and Alcohol counselling;

(iii) Drug and Alcohol detoxification services;

(iv) Drug and Alcohol rehabilitation services;

(v) Case Management services;

(vi) Psychology services;

(f) Must have a history of delivering support services to the Building and ConstructionIndustry

(g) Must be able to develop and implement a plan to promote the impairment policywithin the workplace

23. ADDENDUM

23.1 Refer to the National CFMEU Impairment Policy for more information and detail about impairment in the construction industry. The policies and procedures in the national document look at the impairment issues of Mental Health, Injury and Illness, Fatigue, Chemicals, Heat, Cold and Noise, and Alcohol, Illegal Drugs and Legal Drugs and providethe research behind the implementation of this Impairment Policy.

APPENDIX 6 ï RDO NOTIFICATION FORM

Notification pursuant to clause 36.8(c) above to Work on Scheduled RDO

Date: _____

Employer	
Date of Scheduled RDO	
Project Name	
Project Address	
Work to be undertaken	
Approximate number of employees required:	
Union delegate/employee representative (if applicable)	

Manager Contact Details

Name: _____

Phone: _____

Fax: _____

Tick the appropriate Box

□ Affected Employee/s consulted by Employer

□ Affected Employee/s not wishing to work in accordance with the clause have been given an opportunity to reasonably refuse

□ Affected Employee/s informed that if they have a concern about working the scheduled RDO they can raise the matter with their union delegate/employee representative.

Reason/s for work on scheduled RDO (as per clause 32 of the Agreement)

□ High risk activity (specify below)

□ Maintenance, repair, commissioning

□ Restrictions, laws, regulations, etc.

□ Inclement weather

□ Other

Explanation of ground/s listed above:

APPENDIX 7 ï AUDIT FORM

EMPLOYER NAME:	_____	
ABN NUMBER:	_____	
ADDRESS:	_____	
PRINCIPAL NAME:	_____	
PRINCIPAL TITLE:	_____	
WORKCOVER POLICY NUMBER:	_____	
Number of personnel:	_____	
Overtime 1½x	_____	
Overtime 2x	_____	
Base Hourly Rate	_____	
Fares & Travel	_____	
CBUS/BUSS(Q):	□ Yes	□ No
BERT:	□ Yes	□ No
BEWT:	□ Yes	□ No
CIPQ:	□ Yes	□ No
RDO Accrual:	□ Yes	□ No
Annual Leave:	□ Yes	□ No
Sick Leave:	□ Yes	□ No
PSLS:	□ Yes	□ No
Group Tax:	□ Yes	□ No

STATUTORY DECLARATION BY PRINCIPAL: I hereby state that the Employer has paid all of its entitlements and legal obligations in accordance with the appropriate industrial instrument.

.....PRINCIPAL

AUTHORISED BY CPA/INSTITUTE OF CHARTERED ACCOUNTANTS

EMPLOYER NAME:

NAME OF ACCOUNTANT:

REGISTRATION DETAILS

AUTHORISATION STATEMENT: I have examined the time and wages records and hereby certify that they are in accordance with the appropriate industrial instrument.

.....CERTIFIED PRACTISING ACCOUNTANT

APPENDIX 8 - ENDORSEMENT OF THE AGREEMENT

Signed for and on behalf of John Holland Queensland Pty Ltd (ABN 67 133 069 280)

I, Trent Smith, IR Manager of John Holland Queensland Pty Ltd am authorised to sign the Agreement on behalf of John Holland Queensland Pty Ltd:

[redacted]

SIGN NAME

Level 3, 1000 ANN STREET FORTITUDE VALLEY. QLD 4006

ADDRESS

16/03/22.

DATE

[redacted]

IN THE PR

WITNESS S

WITNESS NAME - PETER SMITH

Signed for and on behalf of the **Construction, Forestry, Maritime, Mining and Energy Union**

I, ~~Michael Ravbar~~/Jade Ingham, Divisional Branch ~~Secretary~~/Assistant Secretary of The Construction, Forestry, Maritime, Mining and Energy Union, Construction and General Division, Queensland Northern Territory Divisional Branch am authorised to sign the Agreement on behalf of The Construction, Forestry, Maritime, Mining and Energy Union:

[redacted]

SIGN NAME

14.3.2022

DATE

16 Campbell Street, Bowen Hills, Qld, 4006

ADDRESS

IN THE PRESENCE OF

[redacted]

WITNESS SIGNATURE

Emma Eaves

PRINT NAME

Gold Coast Light Rail Stage 3



Confidential - TMR (Transport) Best Practice Industry Conditions

From: Deanne M Hawkswood <[redacted]>
To: Ryan Dodd-JHG [redacted]
Date: Thu, 24 Dec 2020 15:57:42 +1100
Attachments: TMR_DRAFT_BPIC_Document_Vs 21.pdf (964.78 kB)

Good afternoon Ryan

Following the meeting on the 17th December, we committed to send you a copy of the Transport BPIC after we had spoken to the industry groups. We met with the industry groups earlier this week on the Transport BPIC. Please find attached the draft Transport BPIC for you information and reference. It can be shared within your organisation.

Thank you and wishing you a merry Christmas and a happy and safe new year.

Regards
Dee

Deanne Hawkswood
General Manager | Strategic Procurement
Finance and Procurement Branch | Corporate Division | Department of Transport and Main Roads

Floor 21 | 313 Adelaide Street | Brisbane Qld 4000
GPO Box 1412 | Brisbane Qld 4001
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****
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****

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Best Practice Industry Conditions for Department of Transport and Main Roads Civil Construction Projects.

Draft for Consultation

December 2020

Queensland Government

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Best Practice Industry Conditions for Department of Transport and Main Roads Civil Construction Projects.

The Department of Transport and Main Roads is committed to ensuring Queensland's economic wellbeing, contributing to improving people's quality of life and a sustainable environment, through appropriate transport choices and fair access to Queensland's transport system.

By using procurement to support local jobs and businesses and drive economic, environmental and social outcomes, the Department of Transport and Main Roads applies Government's Best Practice Principles (BPP) to major civil construction projects in Queensland.

The application of these BPP's is designed to ensure quality, safe workplaces through establishing the highest possible standards of workplace health and safety, engagement of an appropriate numbers of trainees and apprentices, and best practice industrial relations outcomes.

The Best Practice Principles with respect to quality, safe workplaces are;

1. Best Practice Workplace Health and Safety, Systems and Standards;
2. Best Practice Commitment to Apprentices and Trainees;
3. Best Practice Industrial Relations;
4. History of compliance with procurement, tendering and other government policy.

KPMG has been engaged to conduct a thorough analysis of Civil Construction Industry Enterprise Agreements. While few union agreements were identified, a representative sample of agreements were assessed. The analysis assessed a cross-section of employment conditions that provide a benchmark to identify minimum employment conditions, which are set out in this document.

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Best Practice Industry Conditions

A.1 – Quality Employment

A.2 – Classifications, Wages Schedule and Allowances

A.3 - Impairment Policy

B.1 – Workplace Health and Safety

Click on link to view Section, click heading of Section to return to contents

Section A.1 – Quality Employment

1. Title

1.1. This Document is known as the Best Practice Industry Conditions for Department of Transport and Main Roads Civil Construction Projects

2. Application of Document

2.1. This Document applies to:

(a) The Automotive, Food, Metals, Engineering, Printing and Kindred Industries Union Queensland (AMWU); and

(b) The Australian Workers' Union (AWU); and

(c) The Communications, Electrical, Electronic, Energy, Information, Postal, Plumbing and Allied Services Union of Australia, the Plumbing Division Queensland (CEPU); and

(d) The Construction, Forestry, Maritime, Mining and Energy Union (CFMEU); and

(e) The Communications, Electrical, Electronic, Energy, Information, Postal, Plumbing and Allied Services Union of Australia, Electrical Trades Union (ETU); and

(f) All Employees of the Employer engaged in civil construction work and for whom classifications and rates of pay are provided by this Document.

Collectively known as Parties.

2.2. This Document only applies to work done in Queensland.

2.3. Civil construction work shall include (but are not restricted) to the construction, alternation, installation and maintenance of:

- Roads and bridges
- Railway civil works
- Earthworks and land clearing
- Civil engineering infrastructure projects
- Marine works

3. Parties Bound and Covered

3.1. This Document is legally binding upon and covers all the parties nominated in clause 2.1.

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4. Relationship to Awards, Document and Other Documents

4.1. The following instruments are incorporated into this Document:

(a) *Building and Construction General On-site Award 2010;*

(b) *Mobile Crane Hiring Award 2010;*

(c) *Electrical, Electronic and Communications Award 2010;*

(d) *Plumbing and Fire Sprinklers Award 2010;*

(e) *Asphalt Industry Award 2020;*

(f) *Concrete Products Award 2020;*

(g) *Premixed concrete Award 2020;*

(h) *Professional Employees Award 2020;*

(i) *Rail Industry Award 2020; and*

(j) *Surveying Award 2020*

(k) *QIRC Order (No. B585 of 2003) Apprentices' and Trainees' Wages and Conditions (excluding certain Queensland Government entities) 2003 as it was immediately prior to its rescission;*

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5. Definitions

5.1. The following definitions shall apply to this Document:

ACIRT means the Australian Construction Industry Redundancy Trust (ABN 39 062 330 170).

Apprentice or Trainee means an apprentice or trainee within the meaning of the *Vocational Education, Training and Employment Act 2000 (VETE Act)*. Apprenticeship and Traineeship have a corresponding meaning.

Australian Super is the nominated superannuation fund for the AMWU.

Award means the industrial instruments as outlined in clause 4.1 of this document.

BERT is an acronym used for the Building Employee Redundancy Trust (ACN 82 010 917 281) (BERT Fund) as described in the Trust Deed creating the BERT Fund.

Best Practice Principles means the State of Queensland's Best practice principles: Quality, safe workplaces policy document, as amended from time to time.

BEWT is an acronym for the Building Employees Welfare Trust. The "BEWT Fund" means the fund established pursuant to a deed between B.E.R.T Pty Limited and James Kristen Peterson. "Trustee of the BEWT Fund" means B.E.R.T Pty Limited or any trustee appointed under the BERT Redundancy Trust Deed.

BUSS(Q) is an acronym for the Building Unions Superannuation Scheme (Queensland) Pty Ltd. ABN 85 571 332 201.

Casual Employee means an Employee employed on an occasional basis and whose work pattern is not regular or systematic.

CBUS is an acronym for the Construction & Building Industry Superannuation Pty Ltd. (ABN 75 493 363 262).

CIPQ means Construction Income Protection Queensland Ltd (ACN 110 841 962).

CIRT means The Contracting Industry Redundancy Trust (ABN 49 011 050 329).

Code means the *Code for the Tendering and Performance of Building Work 2016.*

Competency Based Training means a method of training based on occupational skills standards which are set out in units of competency within training packages and accredited courses.

Consultative Committee means a representative group who meet regularly for the purpose of reviewing work related issues.

Continuous Shift Worker means, for the purpose of the additional week of annual leave provided by the NES means an Employee engaged to work in a system of consecutive shifts throughout the 24 hours of each of at least six consecutive days without interruption (except during breakdown or meal breaks or due to unavoidable causes beyond the control of the Employer) and who is regularly rostered to work those shifts.

Day Work means work commencing between 6.00 am and 10.00am, Monday to Friday.

Double time and a half means one and a half days wages in addition to the Employee's ordinary time rate of pay or pro rata if there is more or less than a day.

Employee means an employee of the Employer.

Employer means the company that employs workers who are engaged in civil construction works within the State of Queensland for which classifications are prescribed by this Document.

Energy Super means Electricity Supply Industry Superannuation (Qld) Ltd (ABN 30 069 634 439, AFSL 336567).

HSR means Health and Safety Representative elected to represent workers on health and safety and matters have responsibilities under the WHS Act.

JetCo means the Joint Electrical Training Council, which is CRITs associated training fund.

Kept waiting for wages on pay day means all such time spent waiting, wherever the waiting is done.

Local Employee means an Employee whose normal residential home base is within reasonable travel distance to the applicable work site each day.

National Training Package means endorsed collections of reference materials that define the national standards and qualifications for recognising and assessing people's skills in specific vocations.

NES means the National Employment Standards prescribed by the *Fair Work Act 2009 (Cth).*

Non-Local Employee means an Employee who cannot reasonably travel to the applicable work site from their normal residential home base each day.

FW Act means the *Fair Work Act 2009 (Cth).*

FWC means the Fair Work Commission.

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Injury shall have the same definition as the *Workers' Compensation and Rehabilitation Act 2003 (Qld)* as applicable.

Overtime means any time worked in excess of or outside of the ordinary working hours as prescribed in Clause 13 of this Document.

Person Conducting a Business or Undertaking (PCBU) means a business or an undertaking that is either conducted alone or with others, whether or not for profit or gain.

Protect is the nominated redundancy fund for the AMWU.

QIRC means Queensland Industrial Relations Commission.

QLD Workers' Compensation means a type of insurance through WorkCover Queensland that can pay the wages and medical costs of employees who have been injured in the performance of their duties.

Redundancy means a situation where an Employee ceases to be employed by the Employer, other than for reasons of serious and wilful misconduct, whereas **Redundant** has a corresponding meaning.

RDO means rostered day off.

Special Class Dogman means a dogman having no less than 12 months on the job experience in dogging tower cranes and, having obtained a 'Verification of Competency (VOC) for the particular tower crane.

Special Class Tradesperson means a tradesperson who is engaged on work which requires the use of complex, high quality trade skills and experience which are not generally exercised in normal construction work. For the purpose of this definition, complex and high quality trade skills and experience will be deemed to be acquired by the tradesperson:

(a) Having had not less than 12 months' on-the-job experience of such skilled work, and

(b) Having, by satisfactory completion of a prescribed post trade course, or other approved course, or the achievement of knowledge and competency by other means including the on-the-job experience, as will enable the tradesperson to perform such work unsupervised where necessary and practical, to the required standard of expertise/skill.

Tradesman means an employee who possesses as a minimum qualification a trade certificate.

Traditional Owners means an indigenous person who is a member of a local descent group having certain rights and responsibilities in relation to a tract of land or area of sea.

Union Delegate means an Employee elected by Union members and a member of an employee organisation entitled to represent the industrial interests of employees employed by the Employer as required. All parties to this Document shall be notified as soon as practicable after the election of a Union Delegate.

Union Representative means a member of an employee organisation entitled to represent the industrial interests of employees.

Union means the;

- *AMWU;*
- *AWU;*
- *CEPU;*
- *CFMEU; and*
- *ETU.*

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Verification of Competency (VOC) means an assessment of an employee's knowledge and skills to assist in deeming staff competent to perform a task or operate plant and/or equipment.

Wage Guard is the nominated income protection insurance provider for the AMWU.

Wage Rate means the Employee's ordinary hourly rate of pay as set out in Section A.2 of this Document.

Welcome to Country means a ceremony that is performed by indigenous Traditional Owners for people visiting their Country.

Wet Bulb Globe Temperature Index means the measure of the heat stress in direct sunlight, which takes into account temperature, humidity, wind speed, sun angle and cloud cover.

WHS Act means the *Work Health and Safety Act 2011 (Qld)* where applicable.

WHS Committee means a group of workers that have been nominated to develop and review health and safety policies and procedures for the workplace.

WHS Representative means Health and Safety Representative elected to represent workers on health and safety and matters have responsibilities under the WHS Act.

Workplace Impairment Policy and Procedures means the Workplace Impairment Policy and Procedures as set out in Section B.1 – Impairment Policy.

6. Individual Flexibility Agreements

6.1. Where the Employer wants to enter into a variation agreement it must provide a written proposal to the Employee. Where the Employee's understanding of written English is limited, the Employer must take measures, including translation into an appropriate language, to ensure the Employee understands the proposal.

6.2. The Employer must ensure that any variation agreement is genuinely agreed to by the Employer and the Employee and that the terms of the variation agreement:

(a) are about permitted matters under section 172 of the FW Act; and

(b) relates only to:

i. time between which ordinary hours are worked;

ii. salary sacrifice agreements;

iii. reduction in ordinary hours;

iv. increase in annual leave accrual each year;

v. increase in rate of accrual of Rostered days off;

vi. increase in wages;

vii. increase in training leave (Union or otherwise);

(c) are not unlawful terms under section 194 of the FW Act; and

(d) result in the Employee being better off overall than the Employee would be if no arrangement (variation agreement) was made.

6.3. The Employer must also ensure that any such variation agreement is:

(a) in writing (including details of the terms that will be varied, how the variation agreement will vary the effect of the Enterprise Agreement terms, how the Employee will be better off overall in relation to the terms and conditions of his or her employment as a result of the arrangement, and the day on which the arrangement commences);

(b) includes the name of the Employer and Employee;

(c) signed by the Employer and the Employee, and if the Employee is under 18, by a parent or guardian of the Employee;

(d) provided to the Employee within 14 days after it is agreed to; and

(e) able to be terminated by either the Employer or Employee giving written notice of not more than 28 days, or at any time by both parties agreeing in writing.

Where any of the requirements of this clause are not met, the variation agreement is of no effect.

7. Inclusion

First Nations People

7.1. The Employer recognises there is a significant Aboriginal and Torres Strait Islander (ATSI) population within Queensland and is committed to ensuring a significant representation of people who identify themselves as ATSI.

7.2. The Employer will ensure that all Employees receive cultural awareness training as part of the site induction process to ensure that all workers are made aware of the history and spiritual connection that Traditional Owners have with the area where the work is being performed.

7.3. A 'Welcome to Country' ceremony will be arranged with the Traditional Owners when the number of workers undertaking work on the project reach 50, as part of the Employers commitment to the principles of social, restorative justice and cultural affirmation. The Employer will also implement policies that ensure:

(a) access to annual leave for participation in cultural and ceremonial activities;

(b) skill and career development opportunities for ATSI Employees; and

(c) the development of retention and promotion for ATSI Employees.

Women in the Industry

Parties respect equal employment opportunity and it is recognised the demographic of the construction industry could be more diverse. To that end, the Parties support the promotion of women into the industry and shall discuss means to achieve this objective including ways to encourage and assist women to seek and maintain employment in the construction industry.

8. Consultation

8.1. Effective consultation is essential for continuous workplace reform and such consultation can take place at any time during the term of the Contract.

8.2. Consultative Committees may be set up for this purpose.

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8.3. If the Employer has made a decision to introduce a major workplace change that is likely to have a Significant Effect on a number of Employees, the Employer must consult with the Employee(s) who will be affected by the decision.

8.4. As soon as practicable and prior to implementation, the Employer must discuss with the relevant Employees and/or their nominated representative/s (e.g. Union or other representative) the introduction of the change; and the effect the change is likely to have on the employees. The Employer must discuss measures to avert or mitigate the adverse effect of the change on the Employees.

8.5. For the purposes of the discussion the Employer will provide the relevant Employees and/or their nominated representative/s in writing:

(a) all relevant information about the change including the nature of the change proposed;

(b) information about the expected effects of the change on the Employees; and

(c) any other matters likely to affect the Employees.

8.6. However, the Employer is not required to disclose confidential or commercially sensitive information.

8.7. The Employer must give prompt and genuine consideration to matters raised about the major change by the relevant Employees.

8.8. "Significant Effect" under clause 8.3 above includes termination of employment (including redundancy), major changes in the composition, operation or size of the Employer's workforce or in the skills required, the elimination or diminution of job opportunities, promotion opportunities or job tenure; the alteration of hours of work; the need for retraining or transfer of Employees to other work areas or locations and the restructuring of jobs.

8.9. Consultation about changes to rosters or hours of work

Where the Employer proposes to change an Employee's regular roster or ordinary hours of work, the Employer must consult with the Employee(s) affected and, if required their representative, about the proposed change.

8.10. As soon as practicable after proposing to introduce the change, the Employer must:

(a) discuss with the relevant Employees the introduction of the change;

(b) if requested by the Employees, and for the purposes of the discussion, provide to the relevant Employees and their representative details of the following in writing:

i. all relevant information about the change, including the nature of the change;

ii. information about what the Employer reasonably believes will be the effects of the change on the Employees; and

iii. information about any other matters that the Employer reasonably believes are likely to affect the Employees;

(c) invite the Employee(s) affected and any applicable representatives, to give their views about the impact of the proposed change (including any impact in relation to their family or caring responsibilities), and give consideration to any views about the impact of the proposed change that are given by the Employee(s) concerned and/or their Union; and

(d) The requirement to consult under this clause does not apply where an Employee has irregular, sporadic or unpredictable working hours.

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These provisions are to be read in conjunction with other Document or Award provisions concerning the scheduling of work and notice requirements.

9. Contract of Employment

9.1. At the point of engagement of each Employee, the Employer must inform the person in writing whether the engagement is on a permanent or casual basis, stating by whom the Employee is employed, the job performed, the classification level, and the relevant rate of pay. Each new Employee shall upon commencement also be provided with a copy of this Document, or alternatively, access to the Document in electronic format at the discretion of the Employee.

9.2. The Employer may direct an Employee to carry out such duties as are reasonably within the limits of the Employee's skill, competence and training consistent with the Employee's classification provided that such duties do not promote deskilling.

9.3. If an Employee is absent from work for a period for which they have or will claim workers' compensation, the Employee's contract of employment shall remain intact during the period of absence. The Employer shall continue to make contributions (and where applicable, reports of service) on behalf of the Employee to the applicable contribution funds. The Employee shall also continue to accrue all appropriate leave entitlements for the first twelve months of the Employee's absence due to the workers compensation claim.

10. Casual Employment

10.1. A casual Employee is an Employee employed on an occasional basis and whose work pattern is not regular and systematic. When a person is engaged for a casual employment the Employee will be informed in writing that the Employee is to be employed as a casual, the job to be performed, the classification level, the actual or likely length of engagement including number of hours to be worked per week, and the relevant rate of pay.

10.2. A casual Employee shall be entitled to all of the applicable rates and conditions of employment prescribed by this Document except notice of termination (other than in accordance with clauses relating to annual leave, paid community services leave, paid personal (including carer's leave), and payment for public holidays on which no work is performed. A casual Employee is entitled to unpaid compassionate leave and carer's leave and other unpaid leave in accordance with the NES.

10.3. Except on Saturdays and Sundays, on each occasion a casual Employee is required to attend work, the Casual Employee shall be entitled to payment for a minimum of eight (8) hours work (with 0.8 of an hour on each of these days accruing toward an RDO) plus the relevant fares and travel allowance prescribed by Section A.2 of this Document. On Saturdays and Sundays, a casual Employee is entitled to payment for a minimum of four (4) hours, plus the relevant fares and travel allowance prescribed by Section A.2, as applicable.

10.4. A casual Employee for working ordinary time shall be paid 125% of the hourly rate prescribed in Section A.2 for the Employee's classification.

10.5. A casual Employee required to work Overtime or weekend work shall be entitled to the relevant penalty rates prescribed in this Document:

(a) where the relevant penalty rate is time and a half, the Employee shall be paid 175% of the hourly rate for the Employee's classification;

(b) where the relevant penalty rate is double time, the Employee shall be paid 225% of the hourly rate prescribed for the Employee's classification; and

(c) where the relevant penalty is a public holiday, the Employee shall be paid 275% of the hourly rate prescribed for the Employee's classification.

10.6. For the purposes of clarity, the applicable contributions to CBUS/BUSS(Q)/Australian Super/Energy Super, BERT/CIRT/Protect, CIPQ/Energy Super Income Insurance/Wageguard and BEWT/JetCo or other funds nominated herein, must be made by the Employer in respect of casual Employees. A casual Employee shall also be entitled to receive in addition to their casual rate, penalty payments for Overtime, work performed on weekends, work performed on public holidays and RDOs.

10.7. Termination of all casual engagements shall require one hour's notice by either the Employer or Employee, or the payment or forfeiture of one hour's pay, as the case may be. This clause will not reduce the entitlements of injured Employees.

10.8. Casual Conversion

casual Employee, who has been engaged by the Employer on a regular and systematic basis for a period in excess of six-weeks, thereafter has the right to request in writing to have their contract of employment converted to permanent employment if the employment is to continue beyond the conversion process. The decision as to whether a regularly and systematically engaged casual employee is made permanent is a decision of the Employer.

10.9. A casual Employee, who has requested in writing to be converted to permanent employment pursuant to clause 10.8 whose request is refused by the Employer, is entitled to be paid 175% of the hourly rate prescribed in this Document for the Employee's classification.

11. Employment Security

11.1. Without limiting the Employer's right to determine its operational requirements the Parties to this Document will encourage the continuity of employment for permanent employees with the aim of ensuring that permanent employment opportunities are not eliminated or eroded in-so-far as it is reasonably practicable to do so.

11.2. The Employer recognises that in certain circumstances the use of contractors and labour hire may affect the job security of Employees covered by this Document.

11.3. The Employer is also committed to maintaining a stable and skilled workforce, having regard to the contribution that a stable and skilled up workforce has for Employee's job security. The Employer also acknowledges that use of subcontractors or supplementary labour may amount to a workplace concern on the part of Employees. The Employer will take all reasonable measures to achieve employment security for the Employees in-so-far as it is practicable to do so.

11.4. If the Employer wishes to engage subcontractors or supplementary labour to perform work which is usually performed by its own Employee's under this Document, the Employer must consider any matters raised in consultation by potentially affected Employees before making any final decision to engage subcontractors or supplementary labour.

11.5. Following consultation and subject to this clause, the decision whether to engage subcontractors or supplementary labour is a decision of the Employer alone. Any dispute as to the application of this clause will be dealt with under the dispute's settlement procedure under this Document. The Employer will ensure that all subcontractors are bona fide contractors and engage their employees on lawful terms and conditions.

11.6. As soon as practicable after being awarded a contract upon request from the Union Delegate, the Employer shall inform the Union via its Union Delegate which subcontractors have been engaged for the project.

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12. Apprentices and Trainees

12.1. Apprentices/Trainees shall be entitled to all of the applicable rates and conditions of employment prescribed by this Document.

12.2. For clarification, in addition to the applicable rates of pay, Trainees are entitled to receive full daily travel, redundancy contributions, superannuation, welfare fund contributions and income protection fund contributions and any other entitlements in accordance with this document. Such entitlements shall not be paid at rates applicable to Apprentices. Payments will be made into funds nominated in the definitions clause of this document.

12.3. Training arrangements for Apprentices/Trainees shall be as provided in *QIRC Order (No.B585 of 2003) Apprentices' and Trainees' Wages and Conditions (Excluding Certain Queensland Government Entities) 2003*.

12.4. Apprentices/Trainees shall be entitled to be paid the daily fares and travel allowance whilst attending training.

12.5. The Employer shall be responsible for meeting all costs associated with Apprenticeship/Traineeship training, including any student registration, tuition fee or other course costs.

12.6. During the first year of an Apprenticeship, tools to the minimum retail value of $600.00 shall be supplied by the Employer within a period of three months after the expiry of the probationary period or within a period of six months from the date of commencement of the employment, whichever first occurs.

12.7. During the second and subsequent years (or part of a year) of apprenticeship tools to the retail value of $600.00 shall be supplied by the Employer within a period of three months from the commencement date of each such year (or part of a year) of the indentured Apprenticeship.

12.8. Where an Apprentice has entered a Competency Based Training document, the provision of tools will be on the following basis:

(a) during the term of Apprenticeship, an Employer shall, in respect of each level of the Apprenticeship program, supply the Apprentice with tools of trade, to a minimum retail value of $600.00;

(b) the supply of tools of trade for each level of the program shall be linked to the successful achievement of competencies or, where appropriate, the demonstration of approved levels of progression towards the achievement of competencies as prescribed by the relevant National Training Package or in the relevant Award;

(c) supply of tools will occur no later than three (3) months after the expiry of the probationary period or within a period of six (6) months from the date of commencement of the employment, whichever first occurs, and no later than three (3) months into subsequent levels of the Apprenticeship;

(d) apprentices employed under part-time or school based arrangements shall be entitled to a supply of tools consistent with the requirements as outlined in clause 12.6 and clause 12.7 above.

12.9. Apprentice Training

The Employer recognises that in order to increase the efficiency and productivity of the Employer, a significant commitment to structured training and skill development is required. They also recognise the importance of the apprenticeship system to the construction industry. Therefore, the Parties agree:

(a) if the Employer employs seven (7) or more tradespeople in any one classification it undertakes to employ an apprentice(s) or make arrangements to host an apprentice from an agreed scheme;

(b) the Employer is committed to ensuring that apprentices receive appropriate on the job training by experienced tradespeople and apprentice numbers are maximised, to this end the Employer will endeavour

to maintain at least one apprentice to every seven (7) tradespeople; and

(c) if the Employer does not currently have an apprentice as provided for in paragraph (a) above, reasonable time shall be allowed to enable the Employer to comply with this clause. Further, the Parties are committed to a strong ratio of apprentices in the industry.

13. Hours of Work

13.1. Ordinary hours

Except as provided elsewhere in this Document, the ordinary working hours will be 36 hours per week (7.2 hours per day) worked between 6.00 a.m. and 6.00 p.m. Monday to Friday. Typically, work should not commence later than 7.00am. All time worked outside these hours shall be by consultation with the affected employees concerned and paid at overtime rates.

13.2. Start and finish times

If the Employer wishes to alter start and finish times within the spread of ordinary daily hours, the Employer will consult with the affected Employees and:

(a) provide not less than 48 hours' notice to affected Employees of the change to start and finish times; and

(b) have regard to the intention of avoiding excessive overtime.

13.3. Overtime

It is the intention of the Employer and Employees that excessive overtime will not be worked.

13.4. An Employee may refuse to work overtime in circumstances where the working of such overtime would result in the Employee working hours which are unreasonable having regard to matters including:

(a) any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

(b) the Employee's personal circumstances including any family responsibilities;

(c) the notice (if any) given by the Employer of the overtime and by the Employee of his or her intention to refuse it; and

(d) any other relevant matter.

13.5. RDO and Weekend Work

(a) The provisions of this Document relating to RDOs will apply to work conducted under this clause.

(b) Where ordinary hours are worked on a Saturday the Employees will be paid at the rate of time and a half for the first two hours and double time thereafter; and

(c) Where the ordinary hours are worked on a Sunday the employees will be paid at the rate of double time for all hours worked (unless a higher rate is provided in accordance with this Document, for example a public holiday or during Christmas shutdown).

14. Shift Work

14.1. Shift work is a necessary feature of the Employer's operation and employees may be required to work shift work in accordance with operational needs. Shift work meaning ordinary hours worked outside or partly outside of the ordinary span of hours of at least 5 consecutive shifts may be worked to suit the operational requirements. The requirement to work shift work will only occur after consultation with the appropriate employees.

14.2. For the purposes of this clause:

(a) Afternoon shift means a shift starting at or after 10.00am and before 8.00pm;

(b) Night shift means a shift starting at or after 8.00pm and before 6.00am; and

(c) Day work (i.e. work commencing between 6.00am and 10.00am) is not shift work.

14.3 Shift Workers will be paid the following rates for Ordinary Hours Worked:

(a) Afternoon Shift- Wage Rate plus 15% of the Wage Rate; and

(b) Night Shift - Wage Rate plus 30% of the Wage Rate.

14.4 Shift loading shall not apply to shift work performed on a Saturday or Sunday.

14.5 Where an Employee works shifts for less than five successive days, double the Wage Rate will be payable in lieu of the applicable shift loading.

14.6 All time worked by a shiftworker in excess of or outside the ordinary hours (inclusive of time worked for accrual purposes), or on a shift other than a rostered shift, must be paid for at the rate of double time. Provided that this will not apply when the overtime is worked by arrangements between the employees themselves or for the purpose of effecting the customary rotation of shifts.

15. Overtime

All time worked in excess of the ordinary hours, shall be paid at time and a half for the first two hours and double time thereafter (provided that a higher penalty elsewhere in this Document does not apply).

16. Wages

The wage rates for each classification are as prescribed in Section A.2. The rates compensate for all special skills and/or disabilities and/or special rates, associated with the industry of the Employer prescribed in the Award, except as provided in this Document (rates are given per hour for ordinary hours of work).

17. Classifications

The classification structure set out in Section A.2 is intended to be a complete statement of all Employee classifications for whom this Document applies.

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18. Allowances

19. Fares and Travel Allowance

All employees shall be entitled to receive the fares and travel allowance in accordance with Clause 25 of the Award. The travel allowance shall be paid at the rates provided in Section A.2.

Apprentices shall receive the following percentage of the amount detailed in Section A.2:

i. 1st Stage – 75%;

ii. 2nd Stage – 85%;

iii. 3rd Stage – 90%; and

iv. 4th Stage – 95%

19.2 Leading Hand Allowance

A leading hand is an Employee who is given by the Employer, or the Employer's agent, the responsibility of directing and/or supervising the work of one or more other persons. A person specifically appointed to be a leading hand, will be paid for all purposes, the leading hand allowance appropriate for the number of persons in the Employee's charge. Additionally, a leading hand will be paid at the hourly rate of the highest classification supervised or the Employee's own hourly rate, whichever is the highest. Leading Hand allowance shall be paid at the rates provided in Section A.2.

19.3 Power Tools

Where an Employee is specifically required to supply their own power tools (maximum of three commercial quality power tools plus a lead) by the Employer, the Employer will be responsible for all consumables and tagging and will replace all stolen tools if in an Employer lock up. Where the Employer requires the Employee to lend a power tool to another Employee, the Employer is deemed to have taken ownership of the tool and will replace the tool with a new tool of the same brand and model or an agreed alternative. Power tools allowance shall be paid at the rates provided in Section A.2.

19.4 Tradesperson Allowance

An Employee engaged as a Tradesperson (as defined in Section A.2 of this Document, who possesses as a minimum qualification a trade certificate will receive an allowance. This allowance will be classified as all-purpose and is inclusive of a tool allowance. The tradesperson allowance shall be paid at the rates provided in Section A.2.

19.5 Electrician Licence Allowance

(a) Where an Employee is engaged and is working as an Electrical Tradesperson (as defined in Section A.2 of this Document), and where the Employee is required to hold an appropriate electrician's license, the Employee will receive an allowance. The Electrician Licence allowance shall be paid at the rates provided in Section A.2.

(b) For the purpose of this allowance, an appropriate Electrician's License will be a QLD Electrician's License, or authorised license recognition from the QLD Department of Fair Trading.

19.6 Qualified Technical Person Allowance

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(a) Any Electrical Mechanic who holds the qualifications eligible to be granted an Electrical Contractors' Licence, may be named as a QTP to an electrical contracting company.

(b) The QTP who is required to fulfil the role of endorsee to the electrical contracting company and sign the appropriate paperwork, will be paid the weekly all-purpose allowance, detailed in Section A.2.

(c) The Employer will support the QTP in meeting their obligations under the *Electrical Safety Act*.

(d) The QTP's role will include but not be limited to:

i. Investigations of any near miss or incident involving electricity.

ii. Conduct random inspections of tradesman's work and oversee new tradesman work when they begin.

iii. Be involved with review and implementation of new testing and commissioning procedures and any other procedure that involves electricity.

iv. Setting up safe systems of work.

19.7 Welding Allowances

(a) Mechanical tradespersons required to perform welding work that is tested shall be paid the allowances detailed in Section A.2. The allowances shall be paid for all purposes.

(b) Welder tested: A person who, because of the requirements of the employer, has met and remains capable of meeting a practical test, e.g. the relevant regulatory requirements for AS 1554SP.

(c) Welder Special Class: A person who has passed the tests required either prior to or after commencing employment, to weld to the satisfaction of the relevant regulatory authority to the requirements of the relevant Certificates 1-9 AS 1796, or welding standards of equivalent or greater testing integrity and who is engaged on work requiring such qualification; or qualified to the relevant regulatory standard and is required to perform pressure vessel welding or pipe welding.

(d) Welder Special Class – Exotic Materials: A person who has passed the tests required by the employer, and remains so qualified, and is engaged on work requiring such qualification in relation to welding either alloy pipework to ASME-B31 standard, or pressure vessels and tanks to the relevant standards, in relation to the following materials:

i. Stainless Steel (304, 310, 316 and 904 grade)

ii. Aluminium

iii. Chrome Molybdenum

iv. Nine per cent (9%) Ni Steel

v. A333 Grade 6

(e) Testing for the work associated with these allowances may be required prior to employment and during employment, to ensure that qualifications are relevant and up to date.

19.8 Certificate Allowance

(a) An employee who is the holder of a scaffolding certificate or rigging certificate issued by the appropriate certifying authority and is required to act on that certificate whilst engaged on work requiring a certificated person is entitled to a certificate allowance. This allowance shall be paid the allowances detailed in Section

A.2.

19.9 Living Away from Home Allowance

(a) Where an Employee is engaged on distant work, the provision of reasonable board and lodgings will be supplied by the Employer, at no cost to the Employee.

(b) Reasonable board and lodging means, a minimum of three adequate meals per day, and a single room (not shared) which is quiet with air conditioning/heating, suitable ventilation, comfortable and clean bedding, appropriate lighting and furnishings, an ensuite with a toilet, shower and basin both with running hot and cold water, a television and tea and coffee making facilities. All facilities must be clean and fully functioning.

(c) Where reasonable board and lodging are not available, the Employer and the Employee may agree to alternative arrangements, provided that the Employee is not placed in a financial disadvantage as a result of the alternative arrangement.

(d) Where an Employee is engaged on distant work, the Employer will pay the Employee, in addition to all other entitlements, a daily allowance as provided.

(e) Employees rostered for distant work must be notified in writing by the Employer. The Employer will endeavour to ensure that no Employee will be required to work on distant work for more than 14 consecutive days or have less than 7 consecutive days between engagements on distant work.

(f) An Employee may refuse to work in circumstances where the working would result in the Employee working hours which are unreasonable having regard to matters including:

i. any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

ii. the Employee's personal circumstances including any family responsibilities;

iii. the needs of the workplace or enterprise;

iv. the notice (if any) given by the Employer, and by the Employee of his or her intention to refuse it; and

v. any other relevant matter.

(g) All time spent by Employees travelling to and from distant work will be paid as if worked during the time the travel is taken.

(h) The living away from home allowance (per night) shall be paid at the rates provided in Section A.2.

19.10 Engagement of More than One Mobile Crane

(a) Where more than one mobile crane is engaged on any single lift the following additional payments shall be made:

i. Where two mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

- From 1/7/2020 - $ 4.34.
- From 1/7/2021 - $ 4.51.
- From 1/7/2022 - $ 4.69.

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ii. Where three mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

- From 1/7/2020 - $ 8.34.
- From 1/7/2021 - $ 8.67.
- From 1/7/2022 - $ 9.02.

iii. Where four mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

- From 1/7/2020 - $ 12.82.
- From 1/7/2021 - $ 13.33.
- From 1/7/2022 - $ 13.86.

iv. Where more than four mobile cranes are engaged the crane crew shall be paid at the following additional amount per lift:

- From 1/7/2020 - $ 16.94.
- From 1/7/2021 - $ 17.62.
- From 1/7/2022 - $ 18.32.

20. Superannuation

20.1 The Employer shall pay superannuation in accordance with the Superannuation Guarantee (Administration) Act 1992 (Cth) as amended from time to time, but shall be no less than 9.5% of ordinary time earnings into an eligible fund as defined in this Document.

20.2 The Employer shall pay superannuation in accordance with the *Superannuation Guarantee (Administration) Act 1992 (Cth)* as amended from time to time. Superannuation for employees must be paid in accordance with the provisions of this clause. Contributions shall be no less than the amounts prescribed, except where the superannuation guarantee levy contribution rate set by Commonwealth legislation exceeds the rate set out below.

The Employer will contribute on behalf of each Employee the following amount of ordinary time earnings:

(a) 9.5% - effective first full pay period July 2020;

(b) 10% - effective first full pay period July 2021;

(c) 10.5% - effective first full pay period July 2022; and

(d) 11% - effective first full pay period July 2023.

21. Rostered Day Off

21.1 Ordinary working hours will be scheduled in a 10-day cycle, Monday to Friday inclusive, with 8 ordinary working hours worked for each of 9 days and with 0.8 of an hour on each of those days accruing toward the tenth day, which will be known as the rostered day off (RDO).

21.2 26 rostered days are scheduled to be taken off by an Employee for every 12 months' continuous service in accordance with the dates set out in accordance with the building industry calendar published annually. Of these RDO`s 13 will be designated as Industry RDO`s, the other 13 will be designated as Project RDO`s, as per the industry calendar. The purpose of this calendar is to ensure workers and site management manage their fatigue

levels, thereby encouraging safer and more productive projects.

21.1 Payment for RDOs will include an entitlement to the daily fares and travel allowance.

21.2 Each day of leave taken and any public holiday occurring during any cycle will be regarded as a day worked for accrual purposes.

21.3 An Employee who has not worked a complete cycle will receive pro rata accrued entitlements payable for the rostered day off.

21.4 Where an Employee has insufficient accruals for an RDO, the Employer may by agreement with the affected Employee, offset any deficiency from the Employee's annual leave entitlement.

21.5 Where the Employer wants an Employee or Employees to work on an RDO, the following process shall be followed:

a) The Employer shall establish that there is a genuine need for the work to take place on the RDO. Examples of where work may take place include, but are not limited to, the following: jumping cranes, erecting or dismantling jump form, high-risk activity after consultation with the safety committee), or other operational circumstances that require work on that day; and

b) The Employer must consult with the affected Employee(s); and

c) Provide affected Employee/s the opportunity to notify the Union using the form provided for in Section A.2, or other chosen representative/s in writing (or email) prior to the RDO that work will be performed.

21.6 The Employer is committed to providing as much notice as is reasonably practicable for a requirement to work. Wherever possible, the process outlined above will occur at least 7 calendar days prior to the RDO in question.

21.7 An Employee may refuse to work a RDO in circumstances where the working of such a RDO would result in the Employee working hours which are unreasonable having regard to matters including:

a) any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

b) the Employee's personal circumstances including any family responsibilities;

c) any other relevant matter; and

d) payment for working a scheduled RDO shall be at Saturday rates of pay, in accordance with the award in addition to the loadings listed above, employees will be provided a day in lieu for each RDO that they are required to work. Up to five (5) RDOs may be accrued under normal industry flexibilities. Accrued RDOs will be taken in the calendar year they were due or be transferred to the employee's annual leave bank in the last pay period of the calendar year provided sufficient RDO hours are retained to cover the scheduled RDOs for January of the following year.

22. Hot Weather Guidelines

22.1 Under this Document when air temperature reaches

a) 35°C; or

b) 28°C and 75% humidity or more, after three hours from commencement of the shift in South East Queensland it shall constitute inclement weather (Extreme Hot Weather).

This definition will be subject to review in other regions. This clause 22 must be incorporated in the Employer's OHS Procedures for all applicable projects.

22.2 Before finishing work, Employees should be alerted to possible Extreme Hot Weather forecasted for the following day by the PCBU, Site manager, and HSRs. This will allow preparation for works to be modified to reduce this category of heat exposure in accordance with clause 22.6 below. For forecasting, planning and guidance the Bureau of Meteorology (BOM) shall be used for weather observations. BOM weather stations used for weather observations shall be the closest to the project and or with similar weather conditions.

22.3 When Extreme Hot Weather is forecasted for the following day, the Employer's Site Manager, WHS Committee and WHS Representatives will consult and determine what actions are to be taken to reduce exposure and modify the workload prior to the Extreme Hot Weather, which may include:

a) rescheduling work so the hot tasks are performed during the cooler part of the day;

b) where possible, reducing the time spent doing hot tasks (for example, by job rotation);

c) where possible, arranging for more workers to do the job;

d) providing extra rest breaks in a cool area;

e) providing cool drinking water and ice (machines) near the work site;

f) increasing air movement by fans or coolers;

g) installing shade cloth to reduce radiant heat from the sun; and

h) consideration should be given to working an eight-hour day.

22.4 Once the temperature reaches Extreme Hot Weather, the following process will be followed:

a) where the temperature reaches 35°C, there will be an orderly cessation of work and preparations for safe completions of critical tasks currently under way and/or applicable modifications to the workload as described in clause 22.8 below.

b) where the temperature is 28°C and 75% humidity or more after three hours from the commencement of a shift, there will be an orderly cessation of work and preparations for safe completions of critical tasks currently under way and/or applicable modifications to the workload as described in clause 22.5 below.

22.5 If there are areas of the workplace that are below any Extreme Hot Weather, work shall continue as normal in those areas. Employees unable to work elsewhere may be transferred to these areas if work is available. Employees may walk a reasonable distance through the open to and from amenities, provided it does not pose an imminent risk to their health or safety. The primary objective is to ensure that there is no reasonable concern for an Employee undertaking the work of an imminent risk to their health or safety.

22.6 Extreme Hot Weather shall be measured on site by a temperature gauge and/or BOM weather station (if close proximity to project with similar climatic conditions) compliant to Australian Standards and shall be undertaken in accordance with the manufacturer's operating instructions. The Parties agree that a measurement taken using the Wet Bulb Globe Temperature index will be an acceptable method of measuring extreme high temperature.

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23. Termination

23.1 Employment may be terminated by the Employer due to performance/general misconduct,

serious and wilful misconduct, or Redundancy.

23.2 Performance/General Misconduct

In the event that an Employee fails to maintain satisfactory performance levels in the case of general misconduct (e.g., lateness for work), the following 3 step counselling procedure will be applied. This procedure does not apply for Redundancy situations. An Employee may elect at any step to have their employee representative or any other person or persons of his or her choice, present. The Employee must be given an opportunity to respond to each allegation. At the request of the Employee, copies of any written warnings will be given to the employee representative or any other party to this Document.

23.3 Step 1 – First Written Warning

a) The Employer will have a discussion with the Employee, and the Employer will advise the Employee of the problems that the Employer believes exist in relation to the Employee's conduct. If appropriate the Employer will then issue a written warning detailing:

i. The issues of concern; and

ii. The standards of improvement required.

b) If the Employee fails to meet the standards of improvement in accordance with Step 1 within a reasonable period of time, the Employer will have a further discussion with the Employee in which it will advise the Employee of the problems the Employer believes exists in relation to the Employee's conduct.

23.4 Step 2 – Final Written Warning

a) If the Employee fails to meet the standards of improvement in accordance with Step 1 within a reasonable period of time, the Employer will have a further discussion with the Employee in which it will advise the Employee of the problems the Employer believes exists in relation to the Employee's conduct. If appropriate the Employer will then issue a final written warning detailing:

i. The issues of concern; and

ii. The standards of improvement required; and

iii. That it is a final written warning and that failure to meet the standards of improvement stated therein may lead to dismissal.

b) If an Employee does not repeat the same offence which produced the need for the final warning, within 6 months of the warning, the final warning advice becomes null and void and cannot be considered grounds for dismissal.

23.5 Step 3 – Dismissal

If after receiving a final warning, the Employee repeats the same conduct within a period of 6 months, then the Employee may be dismissed. A written notice of dismissal will be provided to the Employee by the Employer outlining the reasons for the dismissal.

23.6 The Employer shall provide to each terminated Employee a written statement specifying the period of employment and the classification or type of work performed by the Employee.

23.7 The Employer shall pay each terminated Employee all accrued entitlements and other wages owing within two business days of termination or the Employee shall be entitled to claim payment for all time spent waiting for the

wages up to a maximum of 8 hours pay per day (including Saturday and Sunday). This claim shall be regardless of whether or not the Employee remains on the job.

23.8 The Employer shall pay each dismissed Employee for any public holiday that occurs in the period of annual leave that would have been payable had the Employee commenced annual leave on the date of termination. Where the Employee's leave balance would not include public holidays occurring within the 10 working days (excluding weekends) following termination, the Employee shall receive payment for these days.

23.9 In cases where the Employer is considering transferring, or terminating the services of an elected Union Delegate, employee representative, or a HSR, a five-day mandatory consultation period shall be initiated by the Employer with the Union prior to any final decision on transfer or termination being made. The affected Employee will be immediately advised of the initiation of the consultation period and shall remain on the job during the consultation process. If the Employer fails to comply with any of these requirements, the notice period that the Employer must give to the affected Employee shall be increased to four weeks.

24. Redundancy

24.1 The Employer will meet all of the liabilities for Redundancy payments and further to ensure that an amount equal to the credit balance of the Employee's account in the Employee's Redundancy fund is paid to the Employee when the Employee is entitled to that payment pursuant to the terms of the Employee's Redundancy fund (as defined in this Document) an amount equal to the following:

a) $73.00 per Employee effective first pay period January 2020;

b) $77.00 per Employee effective first pay period January 2021; and

c) $81.00 per Employee effective first pay period January 2022.

24.2 In the case of contributions made to employees who have either a CERT or BERT redundancy account, the Employer must also contribute the amounts prescribed below. In the case of CFMEU Members the payment is to be made to BEWT and in the case of ETU Members payment is to be made to JetCo an amount equal to the following:

a) $10.00 per Employee effective first pay period January 2020;

b) $10.00 per Employee effective first pay period January 2021; and

c) $10.00 per Employee effective first pay period January 2022.

24.3 Apprentice contributions shall be calculated using the following percentage of the trade rate:

a) 1st stage – 50%;

b) 2nd stage – 60%;

c) 3rd stage – 75%; and

d) 4th stage – 90%.

24.4 Contributions will continue to be paid on behalf of an Employee during any absence on paid leave such as annual leave, long service leave, public holidays, sick leave and bereavement leave. The Employer shall also be required to make contributions while an Employee is absent from work and is claiming workers' compensation for a maximum period of 12 months.

24.5 Where the Employee's balance in the Employee's Redundancy fund reaches $15,000.00 or an amount that equals 10 weeks' wages, the Employee will have the option to continue to have contributions paid to their Redundancy fund. It is the Employee's option only. Where an Employee exercises (or has exercised) this option, his or her Redundancy entitlement will be deemed met for all current and future entitlements arising from the current employment engagement.

Contributions to the Employee's Redundancy fund must be made, at a minimum, on a monthly basis. Details of the Employer's contribution for each month including when contribution was made and for how much, are to be shown on the Employee's wage statement by the end of the second week of each subsequent month.

JETCO

JetCo Inc's purpose is to advance the electrical trades sector through enabling innovative, needs based, leading edge solutions to training, industry leadership development, workplace health and safety, and employee engagement particularly by enabling future orientated skills and competencies development. JetCo Inc's core business objectives are:

- increasing the electrical trades sector competency and professionalism;
- improving worker career opportunities and satisfaction; and
- building the sector's workforce of the future.

The Employer agrees to support JetCo Inc by contributing for each Employee, including casuals, apprentices and trainees, who is paid in accordance with this Document under the classifications set out in this Section A.2, the weekly amount of $10.00 per week.

To avoid all doubt, this amount is paid in addition to ALL PAYMENTS set out in Section A.2.

Contributions will continue to be paid on behalf of an employee during any period of authorised leave.

25. Annual Leave

25.6 A full time Employee is entitled to annual leave at the rate of four (4) weeks at the ordinary wage rate for each year of continuous service as consistent with the FW Act. The period of annual leave shall be exclusive of any public holiday that may occur during that period. Part-time Employees are entitled to a pro rata amount of annual leave in accordance with the National Employment Standards (NES).

Notwithstanding the above, an employee defined as a shift worker for the purposes of the NES will be entitled to an additional week of annual leave as provided for in the NES. A shift worker shall mean an employee engaged to work in a system of consecutive shifts throughout the 24 hours of each of at least six consecutive days without interruption (except during breakdown or meal breaks or due to unavoidable causes beyond the control of the Employer) and who is regularly rostered to work those shifts.

25.7 In addition to paid annual leave, the Employee will receive an annual leave loading of 17.5%, calculated at the Employee's ordinary rate of pay, exclusive of allowances.

25.8 Annual leave accrues on a weekly basis and accumulated annual leave hours will be credited to an Employee upon the completion of each one (1) week period of service with the Employer.

25.9 The Employer may direct an Employee to take accrued leave.

25.10 Unused annual leave carries forward each year.

25.11 It is recommended that Employees provide at least four weeks' notice of their intention to take annual leave and must ensure that their request for leave has been approved prior to the leave being taken. Annual leave must be taken at a time mutually agreed between the parties and in accordance with operational requirements.

25.12 The Employer may direct Employees to take accrued annual leave during the holiday shutdown period. If an employee does not have sufficient accrued leave for the period of the shutdown, then the employee may be required to take leave without pay for the balance of the shutdown period for which leave is not accrued. The shutdown period is generally seven (7) days but the precise number of days will be agreed and communicate to Employees at least one month prior to the shutdown period.

25.13 At the written agreement between the Employer and Employee, annual leave may be taken as a payment in lieu of leave subject to the following;

a) balance of four (4) weeks leave must be maintained; and

b) the payment in lieu will be equal to the pay for that period of time as prescribed in subclause 25.9.

25.14 Cashed out annual leave will be paid at the Employee's ordinary rate of pay plus 17.5% annual leave loading, exclusive of allowances.

25.15 Casual Employees do not accrue any annual leave.

26. Long Service Leave

26.1 All Employees covered by this Document are entitled to long service leave on full pay under, subject to, and in accordance with, the provisions of *Industrial Relations Act 2016 (Qld)* as amended from time to time, or the provisions of the *Building and Construction Industry (Portable Long Service Leave) Act 1991 (Qld)*. *Section 95 subsection (4) of the Industrial Relations Act 2016 (Qld)* does not apply to Employees covered by this Document.

27. Toolbox Meetings

27.1 At least one toolbox meeting will be convened by the Employer per site, each month to facilitate and foster communication and consultation. Items to be discussed at each meeting may include; programming of site work, site issues, work health and safety, job design, productivity issues, management policies, Document compliance, wages and conditions, compliance with statutory obligations and any other relevant issue raised. Notice of the meeting will be given at least one (1) week prior to the scheduled date.

28. Other Leave

28.1 Permanent Employees shall be entitled to paid personal leave when they are absent from work due to:

a) personal illness or injury (sick leave);

b) for the purposes of caring for partners, children and/or other household or family members who are sick or in a personal emergency and require the Employee's care and support (carer's leave); or

c) Bereavement leave.

28.2 Personal leave shall accrue as follows:

a) Three days in the first month and then one additional day at the beginning of each of the next nine-calendar months will be available in the first year of employment;

b) 12 days at the beginning of the Employees second and each subsequent year will commence on the anniversary of engagement; and

c) All unused personal leave is cumulative.

28.3 If required by the Employer, when an Employee is absent for more than two-consecutive days the Employee is required to give the Employer a doctor's certificate, or other reasonably acceptable evidence, about the nature and approximate duration of the illness.

28.4 Unpaid carer's leave will be in accordance with the NES.

28.5 Parental Leave will be in accordance with the FW Act.

29. Family Violence Leave

29.1 For the purposes of this clause, family violence is behaviour by a person towards a family member of that person if that behaviour:

(a) is physically or sexually abusive;

(b) Is emotionally or psychologically abusive;

(c) is economically abusive;

(d) is threatening;

(e) is coercive;

(f) in any other way controls or dominates the family member and causes that family member to feel fear for the safety or wellbeing of that family member or another person; or

(g) behaviour by a person that causes a child to hear or witness, or otherwise be exposed to the effects of, behaviour referred to above.

29.2 For the purposes of this clause, a "family member", in relation to a person (a "relevant person"), means:

(a) a person who is, or has been, the relevant person's spouse or domestic partner;

(b) a person who has, or has had, an intimate personal relationship with the relevant person;

(c) a person who is, or has been, a relative of the relevant person;

(d) a child who normally or regularly resides with the relevant person or has previously resided with the relevant person on a normal or regular basis; or

(e) a child of a person who has, or has had, an intimate personal relationship with the relevant person.

29.3 For the purposes of clauses 29.2(b) and 29.2(e), a relationship may be an intimate personal relationship whether or not it is sexual in nature.

29.4 Confidentiality

The Employer must take all reasonable measures to ensure personal information concerning an Employee's

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experience of family violence is kept confidential.

29.5 Leave

(a) An employee experiencing family violence will have access to 10 days per year of paid family violence leave paid at the Employee's minimum wage rate prescribed for their classification by this Document applicable to their classification to attend legal proceedings, counselling, and appointments with a medical or legal practitioner, relocation, the making of safety arrangements and other activities associated with the experience of family and domestic violence.

(b) Family violence leave is in addition to any other existing leave entitlements and may be taken as consecutive or single days or as a fraction of a day.

(c) The Employee shall give as much notice as reasonably possible prior to taking the leave under this clause.

(d) In addition, the Employer may require the Employee to produce evidence to support the need for family violence leave such as a document issued by the police, a court, a doctor (including a medical certificate), a family violence support service, or a statutory declaration.

(e) For the avoidance of doubt, family violence leave does not cumulate from year to year and is not paid out on termination of employment.

For clarity, unpaid family and domestic violence leave is available in accordance with the Awards.

30. Union Representatives and Delegates

30.1 Where an Employee has been elected as a Union Delegate, the Employer will recognise the following rights:

(a) the right to be treated fairly and to perform their role without any discrimination in their employment;

(b) for the Union Delegate to represent an Employee where requested in relation to a grievance, dispute or a discussion with a member of the Union;

(c) the right to place information related to permitted matters in a prominent location in the workplace except that the material must not breach freedom of association, privacy and other applicable laws;

(d) the right to paid time to attend industrial tribunals and/or courts where they have been requested to do so by an Employee (which may include themselves) whom they represent in a particular dispute in their workplace;

(e) the right to paid time to assist and represent Employees who have requested them to represent them in respect of a dispute arising in their workplace;

(f) the right to represent the interests of members in their workplace to the Union, the Employer and industrial tribunals/courts;

(g) the right to represent the interests of Employees who request their assistance in their workplace to the Employer and industrial tribunals/courts;

(h) the right for reasonable time off to attend accredited union education;

(i) the right to take reasonable leave to work with the Union; and

(j) the right to have reasonable time off to participate in the operation of the union.

31. Union Delegate Facilities

31.1 The Employer shall provide an agreed facility for the use of the Union Delegate to perform their duties and functions as the on-site representative of the Employees. The provision of the following facilities is to ensure that the Union Delegate is able to effectively perform his/her functions in a professional and timely manner. The facilities shall include:

(a) a telephone;

(b) reimbursement for an iPad equipped with mobile Internet access;

(c) a table and chairs;

(d) a filing cabinet;

(e) air-conditioning/heating;

(f) access to stationery and other administrative facilities (if available on site) use of e-mail, following consultation between the Union Delegate and Site Management; and

(g) a private lockable area.

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32. Union Training Leave

32.1 An Employee elected as Union Delegate shall, upon application in writing to the Employer, be granted up to five days paid leave each calendar year to attend relevant Union Delegate courses. Such courses shall be designed and structured with the objective of promoting good industrial relations within the building and construction industry.

32.2 Consultation may take place between the parties in the furtherance of this objective.

32.3 The application for leave shall be given to the Employer in advance of the date of commencement of the course. The application for leave shall contain the following details:

(a) the name of the Union Delegate seeking the leave;

(b) the period of time for which the leave is sought (including course dates and the daily commencing and finishing times); and

(c) a general description of the content and structure of the course and the location where the course is to be conducted.

32.4 The Employer shall advise the Union Delegate within seven clear working days (Monday to Friday) of receiving the application as to whether or not the application for leave has been approved.

32.5 The time of taking leave shall be arranged so as to minimise any adverse effect on the Employer's operations. The onus shall rest with the Employer to demonstrate an inability to

grant leave when an eligible Union Delegate is otherwise entitled.

32.6 The Employer shall not be liable for any additional expenses associated with an Employee's attendance at a course other than the payment of ordinary time earnings for such absence. For the purpose of this clause ordinary time earnings shall be defined as the relevant classification rate including, shift work loadings where relevant.

32.7 Leave rights granted in accordance with this clause will not result in additional payment for alternative time off to the extent that the course attended coincides with a Union Delegate's RDO or with any concessional leave.

32.8 A Union Delegate on request by the Employer shall provide proof of their attendance at any course within 7 days. If an Employee fails to provide such proof, the Employer may deduct any amount already paid for attendance from the next week's pay or from any other moneys due to the Union Delegate.

32.9 Where a Union Delegate is sick during a period when leave pursuant to this clause has been granted proof of attendance at the course is not required for that period and the Employee shall receive payment if entitled under the provisions of the relevant award clause.

32.10 Leave of absence granted pursuant to this clause shall count as service for all purposes of this Document.

33. Disputes Settlement Procedure

33.1 A major objective of this Document is to eliminate lost time and/or production arising out of disputes or grievances. Disputes over any work related or industrial matter or any matters arising out of the operation of the Document or incidental to the operation of the Document should be dealt with as close to its source as possible. Disputes over matters arising from this Document (or any other dispute related to the employment relationship or the NES, including subsections 65(5) or 76(4) of the Fair Work Act) shall be dealt with according to the following procedure.

33.2 The pre-dispute status quo shall prevail while the matter is being dealt with in accordance with this procedure.

33.3 All Employees have the right to appoint a representative in relation to a dispute. It is the express priority of all Parties to attempt to settle a dispute at the workplace level at first instance.

33.4 In the event of any work related grievance arising between the Employer and an Employee or Employees, the matter shall be dealt with in the following manner:

(a) The matter shall be first submitted by the Employee/s or his/her job delegate/ employee representative or other representative, to the site foreperson/supervisor or the other appropriate site representative of the Employer and if not settled, to a more senior representative of the Employer.

(b) Alternatively, the Employer may submit an issue to the Employee/s who may seek the assistance and involvement of the job delegate/employee representative or other representative.

(c) If still not resolved, there may be discussions between the relevant Union official (if requested by the employee/s), or other representative of the employee, and senior representative of the Employer.

(d) Should the matter remain unresolved, either of the parties or their representative shall refer the dispute at first instance to FWC for review. FWC may exercise conciliation and/or arbitration powers in such review.

33.5 This procedure shall be followed in good faith without unreasonable delay.

33.6 If any party fails or refuses to follow any step of this procedure the non-breaching party will not be obligated to continue through the remaining steps of the procedure, and may immediately seek relief by application to FWC.

Any resolution of a dispute under this clause by the FWC will not be inconsistent with legislative obligations or any other applicable Codes or Regulations, including the Code.

34. Time and Wages Records

34.1 Particulars of details of payment to each Employee must be included on the envelope including the payment or in a statement handed to the Employee at the time payment is made and will contain the following information:

(a) name of Employer;
(b) name of Employee;
(c) employee's classification;
(d) date of payment and period covered by wage statement;
(e) details of the number of ordinary hours worked;
(f) details of the number of overtime hours worked;
(g) the ordinary hourly rate and amount paid at that rate;
(h) the overtime hourly rates and the amounts paid at that rate;
(i) the gross wages paid;
(j) the net wages paid;
(k) details of any deductions made from wages;
(l) details of all accrued entitlements such as RDOs, personal leave, annual leave etc.; and
(m) details of the Employer Superannuation contribution, including when the contribution was made and the amount details of the Employee contribution, including when contribution was made and the amount.

34.2 In addition, the Employer must also maintain the following time and wage records:

(a) the Employee's date of birth;
(b) date when the Employee became an Employee of the Employer, if appropriate, the date when the Employee ceased employment with the Employer;
(c) the Employee's tax file number;
(d) the Employee's Superannuation Membership number;
(e) daily details of work including;

- Daily start time and finish time;
- Time lunch and crib breaks taken;
- Total ordinary hours worked and resulting wage;
- Total time and a half hours worked and resulting wage;
- Total double time hours worked and resulting wage;

(f) details of allowances paid;
(g) details and payment for RDOs, Personal and annual leave, public holidays;
(h) details of deductions;
(i) details of additions;
(j) total gross allowances paid per week and year to date;
(k) total gross wages paid per week and year to date;
(l) tax deducted from wages per week and year to date;
(m) net wages per week and year to date;
(n) RDO's, sick and annual leave accrued per week and year to date; and
(o) Superannuation and Redundancy contributions paid per week and year to date.

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35. Sham Contracting

35.1 Sham contracting occurs when an Employer engages an individual to perform work under a contract for services where the true character of the engagement or proposed engagement is that of employment.

35.2 The Employer recognises that the practice of sham contracting is unlawful and undermines the job security of the Employees covered by this Document. The Employer will ensure that sham contracting does not occur and agree that sham contracting is prohibited by this Document. The Employer will not enter a contract with another person ("the Contractor") under which services in the nature of building work are to be provided to the employer, if:

a) the services are to be performed by an individual (who is not the Contractor); and the individual has any ownership in, or is an officer or trustee of, the contractor; and

b) if the contract were entered into with the individual, the contract would be a contract of employment.

35.3 The Employer will maintain records about any Contractors that it has engaged in the preceding month which will include:

a) the name of the Contractor;

b) the owner(s) of the Contractor;

c) the works that the Contractor was engaged to perform;

d) basis on which the Contractor was paid for the work e.g. lump sum/fixed price, daily rate, other; and

e) advice as to whether the works that the Contractor was engaged to perform were previously performed by an Employee covered by this Document.

35.4 The Employer will, within 7 days of receiving a written request from an Employee, provide a copy of the records which it is required to keep pursuant to the previous sub clause. Nothing in this sub clause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988 (Cth)*.

35.5 Where in breach of this clause a sham contract was in place, such that that Contractor was in fact an Employee under this Document, the calculation for back pay will be calculated on the basis of the difference between what they were paid under sham contract arrangement and:

a) 175% of the applicable rate; plus

b) The site allowance (if applicable); plus

c) The multi-storey allowance (if applicable); plus

d) Contributions to the nominated Superannuation fund and redundancy contribution fund.

36. Security of Payments

36.1 The Employer recognises that the under, non or late payment of building industry participants for services rendered can affect the entitlements of workers and the security of their employment.

36.2 The Employer acknowledges its obligations under the *Building Industry Fairness (Security of Payment) Act 2017 (Qld)*.

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36.3 The Employer will not engage in illegal or fraudulent phoenix activities for the purpose of avoiding any payment due to another building contractor or building industry participant or other creditor.

36.4 The Employer will:

a) comply with all applicable laws and other requirements relating to the security of payments that are due to subcontractors;

b) ensure that payments which are due and payable are made in accordance with applicable legislative requirements including the Code and are not unreasonably withheld;

c) have a documented dispute settlement process in accordance with all applicable legislative requirements including the Code that details how disputes about payments will be resolved, includes a referral process to an independent adjudicator for determination if the dispute cannot be resolved between the parties and must comply with that process; and

d) as far as practicable, ensure that disputes about payments are resolved in a reasonable, timely and cooperative way.

36.5 The Employer will keep records demonstrating its compliance with clause 36.4 above. The Employer will, within 7 days of receiving a written request from an Employee who has a reasonable belief of a non-compliance with clause 36.4 above, provide evidence demonstrating its compliance. Nothing in this clause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988 (Cth).*

37. Salary Sacrifice Arrangements

37.1 Employees covered by this Document will have access to salary sacrifice arrangements in addition to the compulsory arrangement detailed above. The requirements of any such arrangements shall ensure that:

a) Accessing a salary sacrifice arrangement is a voluntary decision to be made by the individual Employee.

b) The Employee wishing to enter into a salary sacrifice arrangement will be required to notify his/her Employer in writing of the intention to do so and have sought expert advice in relation to entering into such an arrangement.

c) The Employer shall meet the cost of implementing the administrative and payroll arrangements necessary for the introduction of salary sacrifice to the Employees under the Document.

38. Engagement of Non-Citizens or Non-Residents

38.1 In this clause the term temporary engagement of non-citizens or non-residents means a person that is not an Australian citizen or Australian permanent resident (within the meaning of the *Migration Act 1958 (Cth)* who is employed or engaged to undertake building work by the Employer.

38.2 The Employer recognises that the engagement of temporary non-citizens or non-residents may undermine the job security of the Employees covered by this Document. The parties wish to limit the circumstances in which non-citizens or non-residents can be engaged so as to ensure the job security of the Employees covered by this Document.

38.3 The Employer will not engage temporary non-citizens or non-residents unless:

a) the position is first advertised in Australia; and

b) the advertising was targeted in such a way that a significant proportion of suitably qualified and experienced Australian citizens and Australian permanent residents (within the meaning of the Migration Act 1958 (Cth) would be likely to be informed about the position; and

c) any skills or experience requirements set out in the advertising were appropriate to the position; and

d) the employer demonstrates that no Australian citizen or Australian permanent resident is suitable for the job;

e) temporary non-citizens or non-residents will be engaged in accordance with this Document.

38.4 The Employer will, within 7 days of receiving a written request from an Employee provide evidence demonstrating its compliance with this clause 38 of this Document. Nothing in this clause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988 (Cth).*

38.5 Where an employer engages temporary non-citizens or non-residents in breach of this clause, the position shall, as soon as practicable, be re-advertised and filled by the employer strictly in accordance with this clause.

39. Quality Building Materials

39.1 The Parties recognise the complex issue of non-conforming building products (NCBPs). NCBPs are building products about which false claims have been made as to their quality and purpose or do not meet required standards for their intended use. A building product is non-conforming if, in association with a building, the product:

a) is not, or will not be, safe;

b) does not, or will not, comply with relevant regulatory provisions; or

c) does not perform, or is not capable of performing, for the use to the standard represented.

The Parties recognise that domestically sourced and manufactured conforming building products are less likely to create the above conditions and accordingly wish to maximise the use of domestically sourced and manufactured building materials by the Employer.

39.2 The Employer will only use products in building work that comply with relevant Australian standards published by, or on behalf of, Standards Australia in accordance with the National Construction Code.

39.3 In order to maintain compliance with the Code, and in line with other regulatory requirements, the Employer will maintain records in accordance with relevant legislation.

39.4 The Employer will, within 7 days of receiving a written request from an Employee, provide a copy of the records which it is required to keep pursuant to the previous clause 39.3 above.

40. Compliance with this Document

40.1 Complaints, queries and concerns regarding entitlements paid in relation to the Award or this Document shall be raised and resolved in accordance with the disputes procedure in this Document. Authorised industrial personnel shall be provided access to time and wage records in accordance with all legal requirements. Authorised industrial

inspectors or permit holders shall be provided access to time and wages records in accordance with the FW Act.

40.2 In addition to above, the Parties recognise their ongoing legal requirement to be compliant with Australian laws and regulations.

40.3 The Employer will conduct an audit using the Audit Form to confirm compliance with:

a) Awards and workplace arrangements which have been certified, registered or otherwise approved under the relevant industrial legislation;

b) Legislative requirements such as:

i. *the Fair Work Act 2009;*

ii. *QLD Workers Compensation;*

iii. *Superannuation; and*

iv. *Long Service Leave.*

40.4 This audit will be conducted annually and/or when there is a request by an Employee that there is a reasonable suspicion of non-compliance. The audit will be undertaken in accordance with ISO9001-2008 by an auditing company agreed between the Employer and the majority of Employees. A copy of the audit record will be provided to all Employees, and any representative nominated by the Employee.

41. Positing of Documents and Notices

41.1 A true copy of this Document shall be exhibited in a conspicuous and convenient place on the premises of the Employer and on every Employee's worksite so as to be easily read by Employees.

42. Severability

42.1 It is the intention of those covered by this Document that the Document contains only permitted matters under the FW Act. The severance of any term of this Document that is, in whole or in part, of no effect by virtue of the operation of section 253 of the FW Act shall not be taken to affect the binding force and effect of the remainder of the Document. To the extent it is possible, all terms should be interpreted in a manner that would make them permitted matters.

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Section A.2 –Classifications, Schedule of Wages and Allowances

Construction Worker/Labourer Classifications

The Civil Worker (CW) classifications will apply to Employee(s) performing work of the nature of Civil Construction who are engaged in the classifications set out below and are employed to perform the works set out in clause 2.3 of this Document.

Determination of Classification for individual Employees:

i. The appropriate classification level will be determined by the primary role in which a person is engaged to perform by the Employer, regardless of that person's level of skill.

ii. This means that the appropriate classification level for an individual will be determined on a task rather than skill basis.

iii. Individual classification levels will only change where the primary task for which the individual is engaged changes.

Classification	Definition
CW1	New Entrant (an entry level with less than 12 months experience) General Labourer Stores Assistant
CW2	Skilled General Labourer Earthworks Trim Grade Checker Heavy Plant Spotter Concrete Gang Concrete Float Hand Paving Stringliner Store-person Yardman Chainman
CW3	Elevated Work Platform Operator with Ticket Hoist Driver Concrete Finisher Form Worker Road Roller Operator under 12T Heavy Mobile Plant Operator (0-5T) Ticketed Dogman Steel fixer Ticketed Forklift Driver Ticketed Rigger/Scaffolder Telehandler (Up to 4.5T) Hiab Operator Shotcreter Shotcrete Crew Painter
CW4	Concrete Line Pump Operator Road Roller Operator 12T and over Concrete Finisher Concrete Paving Spreader Non-certified Tradesperson WHSO
CW5	Trade Qualified Tradesperson Crane Operator (5-20T) Operators of: Tractor up to but not exceeding 48kw (65bhp),

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	Skid Steer Excavator up to but not exceeding 48kw (65bhp), Dumper/Water Cart not exceeding 40T, Mobile Concrete Pump Boom, Forklift not exceeding 48kw, Shotcrete Placing Machine, Paver Gantry Crane Operator
CW6	Heavy Mobile Plant Operator (>20T-60T) Operators of: Tractor 48kw up to but not exceeding 370kw, Loader-Front End and Overhead from 48kw up to but not exceeding 370kw including:960, 966, 980, Dry Batch Plant, Pug Mill, Skid Steer Tractor from 48kw, Forklift from 48kw but not exceeding 220kw, Excavator not exceeding 3cubic metres, Dumper/Water Cart over 40T but not exceeding 100T, Dozer D8 without GPS, Compactor 825 without GPS, Graders 140,143,14,16 without GPS
CW7	Heavy Mobile Plant Operator (>60-100T) Operators of: Tractor from 370kw up to but not exceeding 450kw including Scraper 651/ Dozer DION, Trimmer, Excavator from 3 cubic metres, Loader-Front End and Overhead from 370kw up to but not exceeding 450kw, Wet batch Plant, Scraper 651, Compactor 825 with GPS, Graders 140,143,14,16 with GPS, Dozer D8 with GPS Tower Crane Operator
CW8	Heavy Mobile Plant Operator (>100T) Operators of: Tractor from 450kw including Dozer D11, D10-48kw, 475, Grader with Final Trim, Scraper 637

Construction Worker/Labourer Wage Rates

Classification	1 July 2020	1 July 2021	1 July 2022	1 July 2023	1 July 2024
CW1 (85%)	$ 33.15	$ 34.14	$ 35.17	$ 36.22	$ 37.31
CW2 (90%)	$ 35.10	$ 36.15	$ 37.24	$ 38.36	$ 39.51
CW3 (92%)	$ 35.88	$ 36.96	$ 38.07	$ 39.21	$ 40.38
CW4 (96%)	$ 37.44	$ 38.56	$ 39.72	$ 40.91	$ 42.14
CW5 (100%)	$ 39.00	$ 40.17	$ 41.38	$ 42.62	$ 43.89
CW6 (105%)	$ 40.85	$ 42.08	$ 43.34	$ 44.64	$ 45.98
CW7 (110%)	$ 42.90	$ 44.19	$ 45.51	$ 46.88	$ 48.28
CW8 (115%)	$ 44.85	$ 46.20	$ 47.58	$ 49.01	$ 50.48

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Apprentice Wage Rates

Level	% of Base Trade Rate	1 July 2020	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Stage 1	55%	$21.45	$22.09	$22.76	$23.44	$24.14
Stage 2	65%	$25.35	$26.11	$26.89	$27.70	$28.53
Stage 3	80%	$31.20	$32.14	$33.10	$34.09	$35.12
Stage 4	90%	$35.10	$36.15	$37.24	$38.35	$39.51

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Electrical Worker Classifications

1.1 G1 - Electrical Worker Grade 1

(1) An Electrical Worker Grade 1 is a labourer not otherwise provided for in this Document, who is doing labouring work and employed as such.

1.2 G2 - Electrical Worker Grade 2 - 85% of Base Rate

(1) An Electrical Worker Grade 2 is an employee who is engaged in assisting a tradesperson, provided that such assistance shall not include the work of a tradesperson and

(a) Without limiting the scope of the work, an employee may perform unskilled tasks as directed to the level of their training;
(b) is an employee who is engaged in the clearance of vegetation in the vicinity of overhead power distribution lines.

1.3 G3 - Electrical Worker Grade 3

(1) An Electrical Worker Grade 3 is an employee who works under direction, may be required to perform the work of an Electrical Worker Grade 2 and

(a) without limiting the scope of the work the employee may perform the work described below to the level of their training:
(i) is engaged in store work; or
(ii) is qualified and required to drive or operate the employer's machinery, plant or equipment incidental to their primary task or functions, including truck attendants; or
(iii) inspects and tests fire alarm or security alarm equipment; or
(iv) under the supervision of a tradesperson or electronics serviceperson;
(1) installs radio, communications and related equipment including antenna; or
(2) installs fire alarm or security alarm equipment; or
(3) installs data and communication cabling.
(b) provided that this person shall not undertake tasks requiring the skills of a tradesperson.

(2) Included in this Grade is the work of:

(a) Electronic Equipment Tester/Installer Level 1; and
(b) Purchasing clerk.

1.4 G4 - Electrical Worker Grade 4

(1) An Electrical Worker Grade 4 is an employee who:

(a) has worked for not less than one year in the industry, or holds the equivalent experience, and, without limiting the scope of the work, and to the level of their training, is an employee who:

(i) performs scaffolding or rigging that is incidental to their primary task or functions (assisting a licensed electrical worker to perform electrical work); or
(ii) is directly in charge of an electrical store and responsible for materials, ordering and purchasing; or
(iii) has worked for not less than one year as an Electrical Worker Grade 3 or has the equivalent experience in the installation of electronics equipment and who, under the minimum supervision of a tradesperson or electronics serviceperson:
(1) installs radio, communications and related equipment including antenna; or
(2) installs fire alarm or security alarm equipment; or
(3) installs, terminates and tests data, and communication cabling

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(iv) Inspects and tests fire alarms or security alarm equipment involving a range of responsibility beyond that of a Grade 3 Electrical Worker and works without assistance and supervision.

(b) Provided that this person shall not undertake tasks requiring the skills of a tradesperson.

(2) Included in this grade is the work of:

(a) Purchasing Clerk/Storeperson;
(b) Electronic Equipment Tester/Installer Level 2; and
(c) Alarm security tester grade 2.

1.5 G5 - Electrical Worker Grade 5

(1) An Electrical Worker Grade 5 is employed to use the skills acquired through the training specified below and is an employee who;

(a) who holds a trade certificate or tradesperson's rights certificate in an electrical trade; or
(b) has successfully completed an appropriate trade course or who has otherwise reached an equivalent standard of skills and knowledge in electronics; or
(c) has successfully completed an appropriate instrumentation trade course; or
(d) holds an appropriate electrical/refrigeration/air conditioning trade certificate; or
(e) has successfully completed an appropriate trade course in linework or cable jointing or who has otherwise reached an equivalent standard of skills and knowledge.

(2) Included in this grade is the work of:

(a) Electrical Fitter;
(b) Electrical Fitter (Instrumentation and Process Control);
(c) Electrical Mechanic;
(d) Alarm Security Technician Grade 1;
(e) Alarm Security Tester Grade 3;
(f) Television/radio/electronic Serviceperson/mechanic Level 1;
(g) Instrument Tradesperson Level 1;
(h) Refrigeration/Air-Conditioning Tradesperson Level 1; and
(i) Linesperson/Cable Jointer Level 1.

1.6 G6 - Electrical Worker Grade 6

(1) An Electrical Worker Grade 6 is an Electrical Worker Grade 5 who in addition

(a) has successfully completed
(i) 33% of the qualification specified for Grade 7; or

(ii) equivalent structured in-house training relevant to the employer's business or enterprise as agreed between the parties to the Document; or
(b) has acquired equivalent standard of skills as defined above as agreed between the parties to the Award through other means including a minimum of one years' experience as an Electrical Worker Grade 5.
(c) is employed to use the skills acquired through the training or experience specified.

(2) Included in this grade is the work of:

(a) Electrical Tradesperson Level 2;
(b) Television/Radio/Electronic Serviceperson Level 2;
(c) Instrument Tradesperson Level 2;

(d) Refrigeration/Air-Conditioning Tradesperson Level 2;
(e) Linesperson/Cable Jointer Level 2; and
(f) Alarm/Security Technician Grade 2.

1.7 G7 - Electrical Worker Grade 7

(1) An Electrical Worker Grade 7 is an Electrical Worker Grade 5 who:
(a) has successfully completed a Post Trade Certificate or has acquired the same standard of skills through other means including a minimum of 2 years' experience in the industry,
(b) is employed to use the skills acquired through the training and/or experience specified.

(2) Included in this grade is the work of:

(a) Alarm/Security Technician Grade 3;
(b) Communications Tradesperson - Special Class;
(c) Electrical Linesperson - Live Line;
(d) Electrician Special Class;
(e) Electronic Serviceperson Grade 3;
(f) Instrument Tradesperson - Complex Systems;
(g) Refrigeration/Air-Conditioning Mechanic or Serviceperson Grade 3; and
(h) Television/Radio/Electronic Serviceperson Grade 3.

1.8 G8 - Electrical Worker Grade 8

(1) An Electrical Worker Grade 8 is an Electrical Worker Grade 5 who:

(a) has successfully completed a Post Trade Certificate or "X%" of an Advanced Certificate or its equivalent and in addition has not less than 2 years' experience as an Electrical Worker Grade 7; and
(b) is employed to use the skills acquired through the training and/or experience specified.

(2) Included in this grade is the work of:
(a) Electronic Tradesperson;
(b) Instrumentation and Controls Tradesperson;
(c) Refrigeration/Air-Conditioning Mechanic or Serviceperson Grade 4; and
(d) Installation Inspector.

1.9 G9 - Electrical Worker Grade 9

(1) An Electrical Worker Grade 9 is an Electrical Worker Grade 5 who:

(a) has successfully completed an appropriate Advanced Certificate or its formal equivalent; and
(b) is employed to use the skills acquired through the training and/or experience specified.

(2) Included in this grade is the work of:

(a) Alarm/Security Technician Grade 4;
(b) Electronic Serviceperson Grade 4;
(c) Television/Radio/Electronic Serviceperson Grade 4; and
(d) Refrigeration/Air-Conditioning Tradesperson Level 4.

1.10 G10 - Electrical Worker Grade 10

(1) An Electrical Worker Grade 10 is an Electrical Worker Grade 5 who:

(a) has successfully completed an appropriate Associate Diploma or its formal equivalent; and
(b) is employed to use the skills acquired through the training and/or experience specified.

(2) Included in this grade is the work of:

(a) Electrical Tradesperson Level 5;
(b) Television/Radio/Electronic Serviceperson Grade 4;
(c) Electronic Serviceperson Level 5;
(d) Instrument Tradesperson Level 5; and
(e) Refrigeration/Air-Conditioning Tradesperson Level 5.

Classification Definitions

Alarm/Security Technician Grade 1" means a tradesperson employed to carry out repairs and maintenance of alarm/control panels, detectors, pumps, fire suppression signs, bells and other associated equipment in the industry of fire-alarm servicing.

In the industry of security servicing, the tradesperson is employed in the field of intruder alarm systems, closed circuit television, video or photographic systems and any external or internal security lighting devices, performing repairs and maintenance.

2.2 "**Alarm/Security Technician Grade 2**" means an Alarm/Security Technician Class I who is engaged on complex or intricate circuitry or both, the performance of which requires the use of "Additional knowledge" as defined below.

Additional knowledge may be acquired through a minimum of 2 years on-the-job experience as a serviceperson, working on the company's installations and equipment.

2.3 "**Alarm/Security Technician Grade 3**" means an Alarm/Security Technician who:

(a) has not less than one year of experience as such and who has satisfactorily completed an appropriate electronics post trades course,
(b) has not less than 2 years' experience with the employer as such, and who possesses a thorough knowledge of the employer's company and processes and who is capable of servicing all the equipment associated with such company, and who is employed to maintain, test, modify services and/or repair complex and intricate electrical, electronic circuits or components, equipment, apparatus and/or devices used in industrial applications in the fire-alarm/security systems industry, and for which the performance of such work requires a higher skill than required by a tradesperson employed on basic service work.

2.4 "**Alarm/Security Technician Grade 4**" means an Alarm/Security Technician Grade 3 who is engaged in applying their knowledge and skills to the tasks of repairing, maintaining, servicing, modifying, commissioning, fault finding and diagnosing various forms of systems which are electronically controlled by complex digital and/or analogue control systems utilising integrated circuitry. The application of this skill and knowledge would require an overall understanding of the operating principles of systems and equipment on which the tradesperson is required to carry out their tasks.

To be classified as an Alarm/Security Technician Grade 4, a tradesperson must have at least 3 years on-the-job experience in electronic systems utilising integrated circuits, and in addition must have satisfactorily completed a post trades course in electronics equivalent to at least 2 years part-time study.

In addition, to be classified as an Alarm/Security Technician Grade 4, a tradesperson must be capable of:
(a) Maintaining and repairing multi-function printed circuitry using circuit diagrams and test equipment.
(b) Working under minimum supervision and technical guidance.
(c) Providing technical guidance within the scope of the work described in this definition.

(d) Preparing reports of a technical nature on specific tasks or assignments as directed and within the scope of the work described in this definition.

2.5 "**Alarm/Security Tester Grade 1**" means a person employed to inspect and test alarm/control panels, fire suppression equipment, detectors, signs, bells, pumps and associated equipment in the industry of fire-alarm servicing. In the industry of security servicing, the "Alarm/Security Tester" is employed to inspect and test in the fields of intruder alarm systems, closed circuit television, video or photographic systems and any external security lighting devices and associated equipment.

In addition to those duties, the "Alarm/Security Tester" is capable of preparing written reports on the conditions, suitability and requirement for the abovementioned equipment. The Tester will be able to accurately identify faults in systems and report them expeditiously as required, as well as prepare reports detailing all requirements for the testing of systems in their test run.

2.6 "**Alarm/Security Tester Grade 2**" means an "Alarm/Security Tester" capable of testing any electrical system including but not limited to halon, CO2, ansul, emergency lighting, evacuation systems, all fire detection and suppression systems and associated equipment. The employee with minimal supervision and assistance will be able to interchange test runs and demonstrate the operation of systems to clients, insurers and appropriate personnel.

2.7 "**Alarm/Security Tester Grade 3**" means a person, or holder of industry recognised accreditation, which may be granted to persons who through industry experience, have gained the necessary skills, and are able to carry out all aspects of a Tester Grade 2 scope of work and are employed to carry out repairs and maintenance of alarm/control panels, detectors, fire suppression signs, bells and other ancillary associated equipment in the industry of fire alarm servicing, excluding authority provided power supplies or works on live side of isolating devices.

In the industry of security servicing, the person is employed in the fields of intruder alarm systems, closed circuit television, video or photographic systems and any external or internal security lighting devices, performing repairs and maintenance.

2.5 "**Communications Tradesperson - Special Class**" shall mean a Radio Mechanic, Electrical Fitter or an Electrical Mechanic, who is engaged on complex and/or intricate circuitry, the performance of which work requires the use of "additional knowledge" as defined.

For the purpose of this definition "additional knowledge" means knowledge in excess of that gained by the satisfactory completion of the appropriate technical college trade course which has been acquired by the tradesperson by virtue of their:

(a) having had not less than 2 years on-the-job experience as a tradesperson, working mainly on such complex and/or intricate circuitry as will enable them to perform such work unsupervised where necessary and practicable: and

(b) having, by virtue of either the satisfactory completion of an appropriate post trade course in electronics or the achievement of a comparable standard of knowledge by other means including the on-the-job experience, gained a sufficient comprehension of such complex or intricate circuitry work as will enable the tradesperson to examine, diagnose and modify systems comprising inter-connected circuits.

2.9 "**Electrical Fitter**" shall mean an employee who is mainly employed in the workshops manufacturing, fitting, and repairing electrical instruments, machines, and apparatus. Electrical fitting in this definition shall include armature and transformer winding, and people solely engaged in making and repairing instruments. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Licensing Board under the *Electricity Act 1994* shall be recognised as proof of efficiency.

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2.10 "**Electrical Fitter (Instrumentation and Process Control**)" means an employee who is required to make and/or modify, test, install, adjust and repair, plant instrumentation involving process control equipment including instruments incorporating mechanical, pneumatic, hydraulic, electrical and electronic functions.

The legitimate possession of the appropriate certificate issued by the Electrical Licensing Board under the *Electricity Act 1994* shall be recognised as proof of efficiency.

2.11 "**Electrical Labourer**" shall mean an employee, not otherwise provided for in this Document, who is doing work necessary for electrical work.

2.12 "**Electrical Linesperson**" shall mean an employee engaged in overhead construction and maintenance work, and running, fixing, connecting, and maintaining electrical conductors outside of buildings, or an employee engaged in sapping poles, cutting chocks for arms, and fitting arms to poles while the poles are lying on the ground. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Licensing Board under the *Electricity Act 1994* shall be recognised as proof of efficiency.

2.13 "**Electrical Linesperson - Live Line**" shall mean an Electrical Linesperson as defined in this Document who is required to carry out "Live Line Work" as prescribed in the *Electricity Act 1994*.

Such employee may perform "Live Line Work" while the employee remains so authorised by the State Electricity Commission of Queensland in accordance with the said Act.

2.14 "**Electrical Mechanic**" shall mean an employee engaged in placing or affixing or running electrical conductors of all kinds and for all purposes from the point of supply to the point of utilisation, and also in the fixing inside of buildings and vehicles of all kinds of conduits and conductors. It shall include the erecting and connecting up of dynamos, motors, and switchboards, and the connecting up of all instruments and apparatus at the point of utilisation and supply for all purposes, including power, lighting, heating, and smelting, and safe working instruments, apparatus, telephones, bells, public address systems, wireless apparatus, meter fixing, connecting of meters, and the erection, overhauling and repairing of storage batteries and the assembling and renewing of finished parts, and the marking out and mounting of any switchboards, and the effecting of any repairs to electrical machines and appliances when it is necessary to carry out the work on the spot, or is incidental to such necessary work. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Licensing Board under the *Electricity Act 1994* shall be recognised as proof of efficiency.

2.15 "**Electrical Storeperson**" shall include an employee responsible for storing, receiving and issuing tools, parts and testing equipment in or in connection with an electrical, including radio and television, workshop and/or depot, but shall not include storepersons employed in any retail or wholesale establishment who receive, store or issue television, radio or electrical equipment and who are provided for in any other Agreement.

2.16 "**Electrical Tradesperson's Assistant**" shall mean an employee directly assisting a tradesperson.

2.17 "**Electronic Equipment Tester/Installer Grade 1**" means an employee engaged on the alignment, installation and testing of radio, communications and related equipment, installing fire alarms and/or security alarm equipment, or installing data and communication cabling, including the locating of faults not requiring the skills of a tradesperson.

2.18 "**Electronic Equipment Tester/Installer Grade 2**" means an employee who has had not less than one year at Level 1 or the equivalent experience. Provided that an Electronic Equipment Installer Level 2 shall not undertake tasks requiring the skills of a tradesperson.

2.19 "**Electronic Serviceperson Grade 1**" means an adult employee engaged on radio, communications and related equipment which requires the application of general trades experience gained through apprenticeship in that work.

2.20 "**Electronic Serviceperson Grade 2**" means an Electronic Serviceperson Grade 1 who has had not less than one year's experience as a tradesperson working in the radio communication industry.

2.21 "**Electronic Serviceperson Grade 3**" means an Electronic Serviceperson Grade 2 who is engaged on complex or intricate circuitry or both, the purpose of which work requires the use of "additional knowledge" as herein defined.

For the purpose of this definition "additional knowledge" means knowledge in excess of that gained by the satisfactory completion of the appropriate technical college trade course which has been acquired by the tradesperson by virtue of their:

(a) having had not less than 2 years on-the-job experience as a tradesperson working on such complex or intricate circuitry work as will enable the tradesperson to perform such work unsupervised where necessary and practicable; and
(b) having by virtue of either the satisfactory completion of a prescribed post trades course in industrial electronics, radio or communications or the achievement of a comparable standard of knowledge by other means, including the on-the-job experience gained a sufficient comprehension of such complex or intricate circuitry work as will enable the tradesperson to examine, diagnose and modify systems comprising inter-connected circuits.

2.22 "**Electronic Serviceperson Grade 4**" means an Electronic Serviceperson working at a level beyond that of an Electronic Serviceperson Grade 3, who is engaged in applying their knowledge and skills to the tasks of installing, repairing, maintaining, servicing, modifying, commissioning, testing, fault finding and diagnosing of various forms of machinery and equipment which are electronically controlled by complex digital and/or analogue systems utilising integrated circuitry. The application of this skill and knowledge would require an overall understanding of the operating principles of the systems and equipment, on which the tradesperson is required to carry out their tasks. To be classified as an Electronic Serviceperson, Grade 4, a tradesperson must have at least 3 years on-the-job experience as a tradesperson in electronic systems utilising integrated circuits and in addition must have satisfactorily completed a post trades course in electronics equivalent to at least 2 years part-time study.

In addition, to be classified as Electronic Serviceperson, Grade 4, a tradesperson must be capable of:

(a) Maintaining and repairing multi-function printed circuitry using diagrams and test equipment.
(b) Working under minimum supervision and technical guidance.
(c) Providing technical guidance within the scope of the work described in this definition.
(d) Preparing reports of a technical nature on specific tasks or assignments, as directed, and within the scope of the work as described in this definition.

2.23 "**Electronic Serviceperson Grade 5**" means an Electronic Serviceperson working at a level beyond that of an Electronic Serviceperson Grade 4, who in addition to the requirements of the Electronic Serviceperson Grade 4, must have one further years on-the-job experience as a tradesperson working on electronic systems, but who in addition is required to maintain and repair multi-function printed circuitry using circuit diagrams and test equipment.

To be classified as an Electronics Serviceperson, Grade 5, a tradesperson must be engaged in applying their skills and knowledge to the tasks of designing, modifying, testing and diagnosing complex electronic systems related to radio and communications equipment.

2.24 "**Electronics Tradesperson**" means an electrical tradesperson working at a level beyond Electrician Special Class and who is mainly engaged in applying their knowledge and skills to the tasks of installing, repairing, maintaining, servicing, modifying, commissioning, testing, fault finding and diagnosing of various forms of machinery and equipment which are electronically controlled by complex digital and/or analogue control systems utilising integrated circuitry. The application of this skill and knowledge would require an overall understanding of the operating principles of the system and equipment on which the tradesperson is required to carry out their tasks.

To be classified as an Electronics Tradesperson a tradesperson must have at least 3 years on-the-job experience as a tradesperson in electronic systems utilising integrated circuits and in addition, must have satisfactorily completed a post trades course in electronics equivalent to at least 2 years part time study.

In addition, to be classified as an electronics tradesperson a tradesperson must be required, as part of their duties, to:

(a) Maintain and repair multi-function printed circuitry of the type described in this definition using circuit diagrams and test equipment.
(b) Work under minimum supervision and technical guidance.
(c) Provide technical guidance to other tradespersons or to management within the scope of the work described in this definition; and/or
(d) Prepare reports of a technical nature on specific tasks or assignments as directed and within the scope of the work described in this definition.

2.25 "**Fire-alarm Systems**" means the industry and trades which are concerned with the installation, repair, modification, maintenance, testing and servicing of fire alarms, detectors, fire-suppression signs, bells and associated equipment.

2.26 "**Installation Inspector**" shall mean an Electrical Mechanic who is employed by an Electrical Contractor or company which is principally engaged in providing independent installation inspections and who is qualified within the terms of the *Electricity Act 1994*, to act as an Installation Inspector and is employed as such. An Installation Inspector must have the following qualifications:

(a) Possess a certificate of competency as an Electrical Mechanic
(b) Has successfully completed a course conducted by the Department of Employment Vocational Education and Training at a TAFE College or approved skill centre comprising the following subjects:
    (i) AEL 223 - Electrical Installation Work.
    (ii) AEL 226 - Electrical Practices and Responsibilities.
    (iii) AEL 122 - Electrical Installation Testing.
(c) Has at least 3 years recent experience in the Electrical Contracting Industry as an Electrical Mechanic or has at least 3 years recent experience as an Installation Inspector with an Electricity Authority in Queensland.

2.27 "**Instrument Tradesperson**" means a tradesperson who is mainly engaged in installing, (including the installing of inter connecting instrumentation wiring, not prohibited by the *Electricity Act 1994* or hydraulic or pneumatic instrumentation tubing), repairing, maintaining, and servicing industrial instruments and control systems, including instruments and systems utilising integrated circuits.

An Instrument Tradesperson will have completed an apprenticeship, the greater part of which involved industrial instrumentation, or alternatively can demonstrate a knowledge and understanding of industrial instrumentation and can apply that knowledge and understanding to the tasks assigned by their employer. The required knowledge and understanding would have been gained by undertaking a formal training course run by a State Education Department or Technical Education Department or its equivalent or by at least 12 months on the job experience as a tradesperson at instrument work

2.28 "**Instrument Tradesperson - Complex Systems**" means an instrument tradesperson who is mainly engaged in installing, repairing, maintaining, servicing, testing, modifying, commissioning, calibrating and fault finding instruments which make up a complex control system which utilises some combination of electrical, electronic, mechanical, hydraulic and pneumatic principles, including work on complex digital and/or analogue control systems utilising integrated circuits.

To be classified as an Instrument Tradesperson - Complex Systems, a tradesperson will have:

(a) had a minimum of 2 years on the job experience as a tradesperson working predominantly on complex and/or intricate instruments and instrument systems, as will enable them to perform such work under minimum supervision and technical guidance; and

(b) satisfactorily completed an appropriate post trade course equivalent to at least 2 years part time study or has

achieved to the satisfaction of the employer, a comparable standard of skill and knowledge by other means including in-house training or on the job experience referred to in (a) above.

2.29 "**Instrumentation and Controls Tradesperson**" means an instrument tradesperson working mainly at a level beyond that of instrument tradesperson - complex systems and who is mainly engaged in applying their skills and knowledge to installing, repairing, maintaining, servicing, testing, modifying, commissioning, calibrating and fault finding industrial instruments which make up a complex control system which utilises some combination of electrical, mechanical, hydraulic and pneumatic principles and electronic circuitry containing complex analogue and/or digital control systems utilising integrated circuitry.

The application of this skill and knowledge would require an overall understanding of the operating mode or principles of the various types of measurement and control devices on which the tradesperson is required to perform their tasks. To be classified as an Instrumentation and Controls Tradesperson, a tradesperson must have at least 3 years relevant on the job experience as a tradesperson - 12 months of which must be at the level of "Instrument Tradesperson - Complex Systems" and in addition must have satisfactorily completed a related post-trades course equivalent to at least 2 years part time study.

In addition, to be classified as an Instrumentation and Controls Tradesperson, a tradesperson must be required as part of their duties to:

(a) Maintain and repair multi-function printed circuitry of the type described in this definition using circuit diagrams and test equipment:
(b) Work under minimum supervision and technical guidance:
(c) Provide technical guidance to other tradespeople or to management within the scope of the work described in this definition; and/or
(d) Prepare reports of a technical nature on specific tasks or assignments as directed and within the scope of the work described in this definition.

2.30 "**Jointer**" shall mean an employee who is employed in jointing cables or sweating on lugs in connection with the installing and maintenance of underground or overhead distributing systems, and the running of feeders, mains and services up to the main fuse in consumers' premises. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Workers and Contractors' Board under the *Electricity Act 1994* shall be recognised as proof of efficiency.

2.31 "**Journeyperson**" shall mean an Electrical Fitter, Electrical Mechanic, electrical Jointer, Electrical Linesperson, electrician in charge, shift electrician, Radio Mechanic or television mechanic.

2.32 "**Lines Clearance Operator**" means an adult who is employed on the clearance of vegetation in the vicinity of overhead power distribution lines.

2.33 "**Purchasing Clerk**" means an employee who initiates orders for electrical materials, receives and issues materials and provides reports on the cost of materials for the preparation of tender documents and job cards.

In addition to these duties, the Purchasing Clerk may conduct sale of materials and equipment to the Public or to the Trade.

2.34 "**Radio Mechanic**" shall mean an employee who is mainly employed to assemble and/or repair, and/or service, and/or install, and/or test radio receivers, and/or public address systems.

2.35 "**Refrigeration Mechanic or Serviceperson Grade I**" means a tradesperson employed to carry out installation, repairs, and routine maintenance of domestic, commercial and industrial refrigeration and air conditioning systems.

2.36 "**Refrigeration Mechanic or Serviceperson Grade 2**" means a Refrigeration Mechanic or Serviceperson Grade I who has had not less than one years experience as a tradesperson engaged on complex or intricate circuitry or both.

2.37 "**Refrigeration Mechanic or Serviceperson Grade 3**" means a Refrigeration Mechanic or Serviceperson Grade I who has had not less than 2 years experience as a tradesperson, and possesses a sound working knowledge of refrigeration and air conditioning, electrical control systems to enable the employee to service, diagnose faults and repair domestic, commercial and industrial refrigeration, air conditioning systems under limited technical supervision.

In addition, to be classified as a Refrigeration Mechanic Grade III, the employee must demonstrate sufficient working knowledge of electronic controls as applied to refrigeration and air conditioning systems to enable the employee to identify faulty modules.

2.38 "**Refrigeration Mechanic or Serviceperson Grade 4**" means Refrigeration Mechanic or Serviceperson Grade I, who has had not less than 3 years experience on-the-job as a tradesperson and possesses a sound working knowledge of refrigeration and air conditioning electrical and electronic systems as to enable the employee to commission, service, diagnose faults and repair domestic, commercial and industrial refrigeration and air conditioning systems.

To be classified as a Refrigeration Mechanic Grade IV, the employee must have satisfactorily completed a 2 year post trade course in Industrial Electronics.

In addition, to be classified as a Refrigeration Mechanic or Serviceperson Grade IV, a tradesperson may be required to carry out the following duties:

(a) Maintain and repair multi-function printed circuits using circuit diagrams and appropriate test equipment;
(b) Work under minimum supervision and technical guidance;
(c) Provide technical guidance within the scope of the work described in this definition; and
(d) Prepare reports of a technical nature on specific tasks or assignments as directed within the scope of the work described in this definition.

2.39 "**Security Alarm Systems**" means the industry and trades which are connected with the installation, maintenance, monitoring, controlling, repairing or testing of any electrical, electronic or acoustic equipment or device, or any combination thereof which includes any intruder alarm systems incorporating closed circuit television, video or photographic systems, electronic, electro-mechanic access control systems, any computer hardware systems and/or computer software including ancillary equipment or any external or internal lighting device used for any commercial, industrial, domestic or Governmental purpose.

2.40 "**Television Antenna Installer/Erector**" means an adult employee engaged in erecting and/or installing television and other electronic impulse transmitting and/or receiving antennae.

2.41 **"Television/Radio/Electronic Equipment Serviceperson Grade I"** means an adult who has completed an appropriate trades course or who has achieved an equivalent standard of skill and knowledge, and who is engaged on routine servicing work which requires no more than the application of the general trade experience gained through apprenticeship or equivalent training on-the-job.

2.42 "**Television/Radio/Electronic Equipment Serviceperson Grade 2**" means a Television/Radio/Electronic Equipment Serviceperson Grade I who has had not less than one years' experience, as a tradesperson, working on visual and/or sound receiving, recording and/or reproduction devices and associated equipment and associated electronics products.

2.43 "**Television/Radio/Electronic Equipment Serviceperson Grade 3**" means a Television/Radio/Electronic Equipment Serviceperson Grade II who has completed an appropriate trade course which includes instruction in

electronic products and who has achieved an equivalent standard of skill and knowledge through 2 years' experience in the industry or through a special course of tuition, and is required to diagnose and rectify faults in electronics equipment and/or similar apparatus.

2.44 "**Television/Radio/Electronic Equipment Serviceperson Grade 4**" means a Television/Radio/Electronic Equipment Serviceperson working at a level beyond that of a Television/Radio/Electronic Serviceperson Grade III, who is engaged in applying their knowledge and skills to the tasks of installing, repairing, maintaining, servicing modifying, commissioning, testing, fault finding and diagnosis of various forms of machinery and equipment which are electronically controlled by complex digital and/or analogue systems utilising integrated circuitry. The application of this skill and knowledge would require an overall understanding of the operating principles of the systems and equipment on which the tradesperson is required to carry out their tasks.

To be classified as a Television/Radio/Electronic Equipment Serviceperson Grade IV, a tradesperson must have at least 3 years on-the-job experience as a tradesperson in electronic systems utilising integrated circuits, and in addition, must have satisfactorily completed a post trades course in electronics to at least 2 years part-time study.

In addition, to be classified as a Television/Radio/Electronic Equipment Serviceperson Grade IV, a tradesperson must be capable of:

(a) Maintaining and repairing multi-function printed circuitry, using circuit diagrams and test equipment
(b) Working under minimum supervision and technical guidance.
(c) Providing technical guidance within the scope of the work described in the definition.
(d) Preparing reports of a technical nature on specific tasks or assignments as directed and within the scope of the work described in this definition.

2.45 **"Television/Radio/Electronic Equipment Serviceperson Grade 5**" means a Television/Radio/Electronic Equipment Serviceperson working at a level beyond that of a Television/Radio/Electronic Equipment Serviceperson Grade IV who, in addition to the requirements of the Television/Radio/Electronic Equipment Serviceperson Grade IV, must have one additional year on-the-job experience as a tradesperson working on electronic systems, but, who in addition, is required to maintain and repair multi-function printed circuitry using diagrams and test equipment.

To be classified as a Television/Radio/Electronic Equipment Serviceperson Class V, a tradesperson must be engaged in applying their skills and knowledge to the tasks of design, modifying, testing and diagnosis of complex electronic systems related to radio and communications equipment.

2.46 "**Television Mechanic**" shall mean an employee who is mainly employed to assemble and/or repair and/or service and/or test television receiving sets and/or parts.

2.47 "**Truck Attendant**" shall mean an employee who is part of a gang which performs electrical work and who during the course of their work, assisting electrical Journeypersons, is required as a minor part of their duties to drive vehicles under 6 tonnes used in connection with the work of the gang.

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Electrical Worker Wage Rates

Classification	1 July 2020	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Grade 2	$35.04	$36.09	$37.17	$38.29	$39.44
Grade 3	$36.31	$37.40	$38.52	$39.68	$40.87
Grade 4	$37.63	$38.76	$39.92	$41.12	$42.35
Grade 5	$39.00	$40.17	$41.38	$42.62	$43.89
Grade 6	$40.95	$42.18	$43.44	$44.75	$46.09
Grade 7	$43.00	$44.29	$45.62	$46.98	$48.39
Grade 8	$45.15	$46.50	$47.90	$49.33	$50.81

Apprentice Wage Rates

Stage	% of Base Trade Rate	1 July 2020	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Stage 1	55%	$21.45	$22.09	$22.76	$23.44	$24.14
Stage 2	65%	$25.35	$26.11	$26.89	$27.70	$28.53
Stage 3	80%	$31.20	$32.14	$33.10	$34.09	$35.12
Stage 4	90%	$35.10	$36.15	$37.24	$38.35	$39.51

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Mechanical Worker Classifications

Level	Indicative Classification
MW1	Basic Mechanical Trades Assistant Storeperson Lagger Truck Driver (MR, HR)
MW2	Experienced Mechanical Trades Assistant Mechanical Trades Assistant-Truck Driver (MR, HR) Mechanical Trades assistant + Rigger (basic) Dogger
MW3	Mechanical Fitter Hydraulic Fitter Boilermaker Pipe Fitter Machinist Sheet Metal Worker
MW4	Sheet Metal Worker + Marker/setter out Boilermaker + Marker/setter out Boilermaker + Welder (non-certified) Mechanical Fitter - Hydraulic Mechanical Fitter - Pneumatic Mechanical Fitter - Machinist
MW5	Boilermaker + Welder (tested 1554 SP) Boilermaker - Pressure Pipe/vessels Mechanical Fitter - Pneumatic - Hydraulic Mechanical Fitter - Pressure Pipework
MW6	Boilermaker – Quality Checker Boilermaker + Pipe Fitter + Welder (AS 1796) Boilermaker + Marker/setter out + Welder Mechanical Fitter - Systems experience Boilermaker Welder - Tested to AS 1554SP or AS1796 or ASME IX

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Mechanical Worker Classification Definitions

A.1 Definition of key concepts and terms

A.1.1 **Australian qualifications framework** or **AQF** refers to the system of competency-based training and certification.

A.1.2 **Mechanical Engineering stream** is defined as:

(a) **Mechanical stream**—including the design, assembly, manufacture, installation, modification, testing, fault finding, commissioning, maintenance and service of all mechanical equipment, machinery, fluid power systems, automotive mechanics, instruments, refrigeration, and the use of related computer-controlled equipment e.g. Computer Numeric Controlled machine tools.

(b) **Fabrication stream**—including fabrication, forging, founding, structural steel erection, electroplating, metal spinning, metal polishing, sheet metal work and the use of related computer-controlled equipment. This includes fabrication in all metals, plastics, carbon fiber, composite materials, ceramics, and other materials.

A.1.3 **Fields of work** means a defined grouping of logically related skills based on an efficient organisation of work.

A.1.4 **Industry accredited course** or **nationally accredited course** is a course which has been constructed to reflect a group of standards which the CPSISC, the RIISC, the MSA or other relevant Skills Council has endorsed as being appropriate combinations of skills to be available to the industry.

A.1.5 **CPSISC** means the Construction and Property Services Industry Skills Council. **RIISC** means the Resources and Infrastructure Industry Skills Council. **MSA** means Manufacturing Skills Australia. CPSISC, RIISC, and MSA will be the recognised authorities (for the purposes of this schedule) responsible for developing competency standards for consideration and endorsement by the National Quality Council.

A.1.6 **New entrant** means an employee who has never previously worked within the on-site construction industry. If there is any doubt as to the status of an employee in this regard, the following documentation may be regarded as prima facie evidence that an employee is not a new entrant:

- documentary evidence concerning registration with any of the construction industry portable long service leave schemes; or
- A statutory declaration witnessed by a Commissioner of Declarations or a Justice of the Peace.

A.1.7 **Recognition of Prior Learning** or **RPL** means the formal recognition of skills attained through on-the-job experience and/or training and may include formal qualifications (such as overseas qualifications), which have up until now been unrecognised.

A.1.8 **Streams** or **skill streams** means a broad grouping of skills related to a particular phase or aspect of production and does not extend beyond the scope of this Agreement.

A.1.9 **Supervision**

This subclause recognises two levels of supervision which are as follows:

(a) **General supervision** applies to a person who:

- receives general instructions, usually covering only the broader technical aspects of the work;
- may be subject to progress checks but such checks are usually confined to ensuring that, in broad terms, satisfactory progress is being made;
- has their assignments reviewed on completion; and
- although technically competent and well experienced there may be occasions on which the person will receive more detailed instructions.

(b) **Limited supervision** applies to a person who:

- receives only limited instructions normally confined to a clear statement of objectives;
- has their work usually measured in terms of the achievement of stated objectives; and
- is fully competent and very experienced in a technical sense and requires little guidance in the performance of work.

A.1.10 Work in a **technical field** includes:

- Production planning, including scheduling, work study, and estimating materials, handling systems and like work;
- Technical, including inspection, quality control, supplier evaluation, laboratory, non-destructive testing, technical purchasing, and design and development work (prototypes, models, specifications) in both product and process areas and like work; and
- Design and draughting and like work.

A.1.11 **Trade** includes an employee who possesses as a minimum qualification a relevant trade certificate at AQTF Level 3.

A.2 Classifications and related issues

A.2.1 Mechanical Worker level 1 (MW 1) [85%]

(a) A MW 1 works under general supervision in one or more skill streams contained within this Agreement.

(b) An employee at MW 1 will either:

(i) Be appointed to level a or b based on information provided by the employee at the time of commencement; or

(ii) progress through the levels in accordance with the relevant timeframe as follows:

MW 1 (level a) Less than 12 months experience

MW 1 (level b) More than 12 months experience

(c) An employee at the MW 1 (level b) performs work above and beyond the skills of an employee at MW 1 (level a) and to the level of their training and:

- is subject to direct supervision;
- works under general supervision within a team environment;
- works in a safe manner;
- identifies basic faults in materials and equipment;
- interacts harmoniously with employees of other companies on-site;
- adapts to a changing work environment;
- communicates essential information; and
- works from basic instructions and procedures articulated in written and spoken form.

(d) Skills and duties

(i) An employee at this level will acquire skills both formal and informal over time and with experience and will undertake indicative tasks and duties within the scope of skills they possess.

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(ii) An employee at this level may be part of a work area team and may be required to perform a range of duties across the skill streams contained within this Agreement. An employee at this level:

- Follows basic instructions and procedures;
- assists in the provision of on-the-job training to a limited degree;
- works in a team environment or works individually under direct supervision;
- is responsible for assuring the quality of their own work;

(e) Indicative tasks which an employee at this level may perform include the following:

- basic material handling functions;
- operate small plant and pneumatic machinery;
- inventory and store control;
- operate a range of hand tools;
- has a rudimentary knowledge of the construction process;
- operation of mobile equipment including forklifts, hand trolleys, pallet trucks, overhead cranes and winch operations;
- assists one or more tradespersons;

(f) The MW 1 classification incorporates the following broadbanded classifications:

- Tradespersons assistant/ Ironworker
- Truck Driver (MR,HR)
- Gantry hand or crane hand
- General hand
- Insulator/Lagger
- Tool/material storeman

(g) An employee at this level may be undergoing training so as to qualify as a MW 2. Where possible, an employee at this level will be provided with access to accredited structured training approved by the relevant Skills Council.

A.2.2 Mechanical Worker level 2 (MW 2) [90%]

(a) An MW 2 works under limited supervision in one or more skill streams contained within this Agreement. An MW 2 will:

(i) have completed in accordance with RPL principles a Construction Skills Test equivalent to the required competency standards; or

(ii) have completed relevant structured training equivalent to the required competency standards; or

(iii) successfully completed an Mechanical Worker Industry Certificate Level 2 consisting of a total of 20 appropriate modules, or formally recognised equivalent accredited training so as to enable the employee to perform work within the scope of this level; or

(iv) obtained skills equivalent to the above gained through work experience that may be subject to competency testing to the prescribed standard.

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(b) Skills and duties

(i) An employee at this level performs work to the extent of their skills, competence and training. Employees will acquire skills both formal and informal over time and with experience and will undertake indicative tasks and duties within the scope of skills they possess.

(ii) An employee at this level may be part of a work team.

(iii) An employee at this level:

- can interpret basic plans and drawings relevant to their functions;
- assumes responsibility for allocated tasks within a team within the area of the employee's skill, competence and training;
- is able to sequence functions relevant to the current task;
- applies quality control techniques to the employee's own work;
- works from intermediate instructions and procedures;
- works individually under general supervision;
- is responsible for assuring the quality of their work;
- works in a safe manner;
- exercises discretion within their level of training;
- understands the construction process in their sector and has a basic level of understanding of processes in other sectors;
- implements basic fault-finding and problem solving skills within the employee's sphere of work;
- interacts harmoniously with employees of other companies on-site;

(c) Indicative tasks which an employee at this level may perform include the following:

- calculates safe loads and stress factors;
- non-trades maintenance of relevant plant and equipment;
- anticipates and plans for constant changes to the work environment.
- materials handling;
- operates machinery and equipment requiring the exercise of skill and knowledge beyond that of an employee at MW 1;
- uses basic measuring and levelling instruments whilst working with a tradesperson;

(d) The MW 2 classification incorporates the following broadbanded classifications:

- Forklift operator (over 4500kg)
- Hoist or winch driver
- Spotter
- Storeperson
- Rigger (basic)
- Dogger (ticketed)

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- Confined space hole watcher
- Mobile hydraulic platform operator

(e) An employee at this level may be undergoing training so as to qualify as a MW 3.

A.2.3 Mechanical Worker level 3 (MW 3) [100%]

(a) An MW 3 works individually or in a team environment in one or more skill streams contained within this Agreement. An MW 3 will:

(i) have successfully completed a relevant trade apprenticeship or its AQF equivalent and has less than 12 months experience working as a qualified tradesperson; or

(ii) have successfully completed, in accordance with RPL principles, all necessary competencies equivalent to the relevant trade and has less than 12 months experience working as a qualified tradesperson.

(iii) have obtained skills equivalent to the above gained through work experience that the employer recognises are suitable for this level.

any one of which will qualify the employee as an MW 3.

(b) Skills and duties

(i) An employee at this level performs work to the extent of their skills, competence and training. Employees will acquire skills both formal and informal over time and with experience and will undertake indicative tasks and duties within the scope of skills they possess.

(ii) An employee at this level may be responsible for the supervision of one or more employees working at MW 1 or MW 2 level.

(iii) An employee at this level:

- understands and applies quality control techniques;
- exercises good interpersonal and communication skills;
- exercises measuring and calculation skills at a trade level;
- exercises discretion within the scope of this grade;
- performs work of a trades or non-trades nature which is incidental or peripheral to the employee's main function and facilitates the completion of the whole task;
- is able to inspect products and/or materials for conformity with established operational standards;
- assists in the provision of on-the-job training;
- understands and applies quality control techniques;
- exercises good interpersonal communication skills;
- exercises discretion within the scope of this grade;
- performs work under limited supervision either individually or in a team environment.

(c) Indicative tasks which an employee may perform at this level include the following:

- production sequencing and materials handling at a trade level;
- trade skills associated with certificated trades within the scope of this Agreement;

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- has a sound understanding of the construction process;
- materials handling related to trade work;
- operates machinery and equipment requiring the exercise of skill and knowledge at a trade level;
- performs work which is incidental or peripheral to the primary tasks and facilitates the completion of the whole task;
- Performs basic welding on items that are not subject to testing and do not carry any structural load.
- sheet metal fabrication;
- steel fabrication;
- system assembly;
- mechanical installation.

(d) The MW 3 classification incorporates the following broadbanded classifications:

- Air-conditioning tradesperson
- Boilermaker
- Fitter
- Machinist
- Motor mechanic
- Painter (Spray painter, Shotblaster and Sandblaster)
- Pipe Fitter
- Plant mechanic
- Refrigeration mechanic
- Serviceperson
- Sheetmetal worker 1st class

(e) An employee at this level may be undergoing training so as to qualify as an MW 4.

A.2.4 **Mechanical Worker level 4 (MW 4) [105%]**

(a) An MW 4 works in one or more skill streams contained within this Agreement. An MW 4 will:

(i) have successfully completed a relevant trade apprenticeship or its AQF equivalent and have more than 12 months experience working as a tradesperson; or

(ii) have successfully completed, in accordance with RPL principles, all necessary competencies equivalent to the to the requirements of this level and have 12 months experience working as a tradesperson; or

(iii) have obtained skills equivalent to the above gained through work experience that the employer recognises are suitable for this level.

any one of which will satisfy the technical requirements to qualify the employee as an MW 4.

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(b) Skills and duties

(i) An employee at this level performs work to the extent of their skills, competence and training. Employees will acquire skills both formal and informal over time and with experience and will undertake indicative tasks and duties within the scope of skills they possess.

(ii) An employee at this level may be part of a self-directed work team and may be required to perform a range of duties across the skill streams contained within this Agreement.

(iii) An employee at this level:

(iv) exercises skills attained through satisfactory completion of the training/work experience prescribed for this classification;

- exercises discretion within the scope of this grade;
- works under limited supervision either individually or in a team environment;
- understands and implements quality control techniques;
- provides guidance and assistance as part of a work team;
- exercises advanced trades and non-trade skills relevant to the specific requirements of the industry or enterprise at a higher level than MW 3.

(a) Indicative tasks which an employee may perform at this level include the following:

- exercises precision trade and non-trade skills using various materials and specialised techniques at a higher level than MW 3;
- operates, and maintains plant and machinery;
- is able to plan construction sequencing.
- Perform setting/marking out on site using drawings prepared by a structural steel draftsperson consistent with the standards required of an ECW 4 under the Award
- Make modifications to prefabricated steelwork using drawings prepared by a structural steel draftsperson.
- Make modifications to prefabricated pipework using drawings prepared by a structural steel draftsperson.
- Perform welding that meets the requirements of AS 1554.

(b) The MW 4 classification incorporates the following classifications:

- Sheet Metal Worker-Marker/setter out
- Boilermaker-Marker/setter out
- Boilermaker-welder (non-certified)
- Boilermaker-Pipe Fitter
- Mechanical Fitter - Hydraulic
- Mechanical Fitter - Pneumatic
- Mechanical Fitter - Machinist

(c) An employee at this level may be undergoing training so as to qualify as an MW 5.

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A.2.5 **Mechanical Worker level 5 (MW 5) [110%]**

(a) An MW 5 works in one or more skill streams contained within this Agreement. An MW 5 will:

(i) have successfully completed a relevant trade apprenticeship or its AQF equivalent and have more than 24 months experience working as a tradesperson; or have successfully completed the relevant structured training in addition to the requirements of MW 4; or

(ii) have successfully completed, in accordance with RPL principles, all necessary competencies and successfully completed the relevant structured training equivalent to the to the requirements of this level and have 24 months experience working as a tradesperson; or

(iii) have obtained skills equivalent to the above gained through work experience that the employer recognises are suitable for this level.

either of which will qualify the employee for a MW 5

(b) Skills and duties

(i) An employee at this level performs work to the extent of their skills, competence and training. Employees will acquire skills both formal and informal over time and with experience and will undertake indicative tasks and duties within the scope of skills they possess.

(ii) An employee at this level may be part of a self-directed work team and may be required to perform a range of duties across the skill streams contained in this Agreement.

(iii) An employee at this level:

- exercises skills attained through satisfactory completion of the training/work experience prescribed for this classification;
- exercises discretion within the scope of this grade;
- provides trades guidance and assistance as part of a work team;
- assists in the provision of training in conjunction with supervisors and trainers;
- understand and implements quality control techniques;
- works under limited supervision either individually or in a team environment;
- assists in the provision of training in conjunction with supervisors.

(c) Indicative tasks which an employee may perform at this level include the following:

- exercises precision trade and/or operative skills using various materials and specialised techniques at a higher level than MW 4;
- operates, and maintains complex plant and machinery;
- is able to plan complex construction sequencing;
- installs, repairs and maintains, tests, modifies, commissions and/or fault finds on complex machinery and equipment which utilises hydraulic and/or pneumatic principles and in the course of such work, is required to read and understand hydraulic and pneumatic circuitry which controls fluid power systems;
- Perform setting/marking out on site without reference to drawings prepared by a structural steel draftsperson.
- Performs modifications to structural steel components without reference to drawings prepared by a structural steel draftsperson.

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- Performs modifications to structural steel and components to the applicable Australian standard including preparing material for site welding to a standard that may be subject to non-destructive testing.
- Performs modifications to pressure pipework components to the applicable Australian standard including preparing material for site welding without reference to drawings prepared by a draftsperson.
- Is qualified, through formal testing to weld to the satisfaction of the employer and is engaged on work requiring such qualification; or
- Performs tested structural welding equivalent to the regulatory requirements for AS 1554SP.

(d) The MW 5 classification incorporates the following broadbanded classifications:

- Boilermaker-welder (tested 1554 SP)
- Boilermaker – Fabrication of pressure pipework
- Mechanical Fitter - Pneumatic + Hydraulic
- Mechanical Fitter – Pressure pipework

(e) For the purposes of consistency, the minimum classification level for a Mechanical Tradesperson Special Class shall be MW 5.

A.2.6 **Mechanical Worker level 6 (MW 6) [115%]**

(a) An MW 6 works in one or more skill streams contained within this Agreement. An MW 6 will:

(i) have successfully completed a relevant trade apprenticeship or its AQF equivalent and have more than 24 months experience working as a tradesperson; or have successfully completed the relevant structured training in addition to the requirements of MW 5; or

(ii) have successfully completed, in accordance with RPL principles, all necessary competencies and successfully completed the relevant structured training equivalent to the to the requirements of this level and have 24 months experience working as a tradesperson; or

(iii) have obtained skills equivalent to the above gained through work experience that the employer recognises are suitable for this level.

either of which will qualify the employee for a MW 6;

(b) Skills and duties

(i) An employee at this level performs work to the extent of their skills, competence and training. Employees will acquire skills both formal and informal over time and with experience and will undertake indicative tasks and duties within the scope of skills they possess.

(ii) An employee at this level may be part of a self-directed work team and may be required to perform a range of duties across the skill streams contained within this Agreement.

(iii) An employee at this level:

- exercises skills attained through satisfactory completion of the training/work experience prescribed for this classification;
- exercises discretion within the scope of this grade;
- provides trades guidance and assistance as part of a work team;

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- provides training in conjunction with supervisors and trainers;
- works under limited supervision either individually or in a team environment;
- understands and implements quality control techniques.

(c) Indicative tasks which an employee may perform at this level include the following:

- operates plant and equipment at a higher level of skill than MW 5;
- exercises high precision trade and/or operative skills using various materials and specialised techniques at a higher level than MW 5;
- implements quality control techniques;
- plans complex construction sequencing;
- works on machines or equipment which utilise complex mechanic or hydraulic and/or pneumatic circuitry and controls or a combination thereof;
- works on instruments which make up a complex control system which utilises some combination of electrical/electronic, mechanical or fluid power principles;
- Performs modifications to complex high-pressure piping equipment to critical tolerances;
- Performs complex setting/marking out on site for other members of a work team;
- Inspects the work of other tradespersons to ensure quality and standards are maintained to the satisfaction of the client.
- Is qualified, through formal testing to weld to the satisfaction of the relevant regulatory authority to the requirements of the relevant Certificates 1-9 AS 1796, or welding standards of equivalent or greater testing integrity and is engaged on work requiring such qualification.

(d) The MW 6 classification incorporates the following broadbanded classifications:

- Boilermaker – Quality Checker
- Boilermaker + Pipe Fitter + Welder (AS 1796)
- Boilermaker + Marker/setter out + Welder
- Mechanical Fitter - Systems experience
- Boilermaker Welder – Tested to AS 1554SP/AS1796/ASME IX)

A.3 Classification principles

A.3.1 General

In determining the appropriate classification of a position or job to be filled by an employee, an employer will pay full regard to:

(a) the nature and skill requirements of the position to be filled;

(b) the skill level and certification of the employee;

(c) the experience and qualifications of the employee in:

(i) relevant indicative tasks nominated in this subclause; and/or

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(ii) competency standards against which an employee is accredited;

(d) any agreed national procedures established for testing the validity of an employee's claim for reclassification.

A.3.2 Classification/reclassification in the engineering stream

(a) Where an employee is required to perform work that requires the use of skills and or knowledge associated with the qualification detailed at a specific level within this Agreement and the employer accepts the work performed, the employee will be classified at that level. If the employee is found to not possess the requisite qualifications associated with that classification level, the employee shall be provided with a detailed report identifying any skills gap. The employee shall participate in any reasonable training provided by the employer that assists the development of the skills required to fill the skills gap.

(b) In the event that there is a claim for reclassification by an existing employee to a higher level under this structure on the grounds that the employee possesses equivalent skill and knowledge gained through on-the-job experience, the following principles apply:

(i) A transparent analysis will be performed to determine whether the employee has performed or is performing work at the classification level being claimed.

(ii) the dispute resolution provisions contained within this agreement will be followed;

(c) Where necessary, reference may be made to the requirements of the old classification definitions in the *National Metal and Engineering On-site Construction Industry Award 2002*.

A.4 Skill based career structure

A.4.1 The classification structure is designed to facilitate the improvement of the level of skills of the workforce and to provide a career path for all employees.

A.4.2 Each classification level builds upon the previous level so that the value of an employee to the industry and their employer increases as the employee progresses through the structure. Skills are built up in a sequential manner through job learnt skills and structured training.

A.4.3 Under this classification structure, an employee's construction industry skills are to be formally recognised, industry wide, at all levels. Employees will move up the classification structure as they acquire additional accredited skills and are required to utilise those skills following a direction by the employer. Payment will be on the basis of the level of skills required to perform the work of a particular position or job offered by an employer.

A.4.4 In circumstances where an employee performs work at a classification level and the employee participates in a skills assessment process, the employee shall not be disadvantaged as a result of the outcome of the process. Any additional training required by an employee to fulfil the technical requirements of any competencies shall be acquired under a training plan developed following the assessment process.

A.5 Training

In order to facilitate the operation of the classification structure an employer must, in co-operation with the consultative committee develop a training programme consistent with:

(a) the size, structure and scope of the activities of the employer;

(b) the need to develop vocational skills relevant to the enterprise and the construction industry generally through courses conducted by accredited educational institutions and providers.

(c) Where, as a result of consultation in accordance with this clause it is agreed that additional training should be undertaken by the employee, that training may be taken either on or off the job. Provided that if the training is undertaken during normal working hours the employee concerned will not suffer any loss of pay. The employer must not unreasonably withhold such paid training leave.

(d) Any costs associated with standard fees for prescribed course and prescribed textbooks (excluding those textbooks which are contained in the employer's technical library) incurred in connection with the undertaking of relevant training will be reimbursed by the employer upon the production of evidence of such

expenditure. Provided that reimbursement will be subject to the presentation of reports of satisfactory progress.

(e) Travel costs incurred by an employee undertaking training in accordance with this clause which exceed those normally incurred travelling to and from work will be reimbursed by the employer.

Mechanical Worker Wage Rates

Classification	1 July 2020	1 July 2021	1 July 2022	1 July 2023	1 July 2024
MW1 (85%)	$ 33.15	$ 34.14	$ 35.17	$ 36.22	$ 37.31
MW2 (90%)	$ 35.10	$ 36.15	$ 37.24	$ 38.36	$ 39.51
MW3 (100%)	$ 39.00	$ 40.17	$ 41.38	$ 42.62	$ 43.89
MW4 (105%)	$ 40.85	$ 42.08	$ 43.34	$ 44.64	$ 45.98
MW5 (110%)	$ 42.90	$ 44.19	$ 45.51	$ 46.88	$ 48.28
MW6 (115%)	$ 44.85	$ 46.20	$ 47.58	$ 49.01	$ 50.48

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Allowances

Allowance	1 July 2020	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Daily Fares and Travelling Allowance	$35.00	$36.05	$37.13	$38.25	$39.39
Travelling outside radial areas (per Km)	$0.80	$0.82	$0.84	$0.87	$0.90
Living Away from Home Allowance (per day)	$77.60	$79.93	$82.33	$84.80	$87.35
Leading Hand Allowance (hour)					
In charge of not more than 1 person	$0.76	$0.78	$0.80	$0.82	$0.85
In charge of 2-5 persons	$1.65	$1.70	$1.75	$1.80	$1.90
In charge of 6-10 persons	$2.10	$2.16	$2.22	$2.29	$2.35
In charge of 11 plus persons	$2.79	$2.88	$2.97	$3.06	$3.15
First Aid Allowance					
Senior First Aid	$4.15	$4.27	$4.40	$4.53	$4.67
Occupational First Aid	$6.55	$6.75	$6.95	$7.16	$7.37
Meal Allowance	$21.36	$22.00	$22.66	$23.34	$24.04
Tradesperson Allowance (hour)	$3.28	$3.28	$3.28	$3.28	$3.28
Electricians License (hour)	$1.90	$1.90	$1.90	$1.90	$1.90
Certificate allowance (hour)	$0.99	$0.99	$0.99	$0.99	$0.99
JETCO (week)	$10.00	$10.00	$10.00	$10.00	$10.00
Power Tools	$0.99	$1.02	$1.05	$1.08	$1.11
Lift Industry Allowances					
All-purpose Leading Hand Allowance (hour)					
Less than 5 employees	$2.45	$2.52	$2.60	$2.68	$2.76
More than 6 – less than 10	$3.05	$3.14	$3.24	$3.33	$3.43
More than 10	$3.67	$3.78	$3.89	$4.01	$4.13
Electrical Employees Allowance					
Qualified Technical Person Allowance	$262.50	$270.38	$278.49	$286.84	$295.45
Mechanical Employees Allowances (hour)					
Welder - tested	$1.42	$1.48	$1.52	$1.57	$1.62
Welder - Special Class	$2.48	$2.55	$2.63	$2.71	$2.79
Welder – Special class Exotic materials	$4.35	$4.48	$4.61	$4.75	$4.90

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Health and Safety Representative

Where an employee is elected by Employees of the Employer as a HSR, and agrees to undertake the required training to fulfil the role, the Employee will be classified as the higher of CE4/EW4 (as the context requires), or the Employee's usual classification. In addition, a HSR is entitled to an all-purpose hourly allowance of:

From 1/07/2020	From 1/07/2021	From 1/07/2021	From 1/07/2021
$2.51	$2.59	$2.66	$2.74

Union Delegate

Where an employee is elected by Employees of the Employer as a Union Delegate, and the Union notifies the Employer of this election, the Employee will be classified as the higher of CW4/EW4 (as the context requires), or the Employees usual classification. In addition, a Union Delegate is entitled to an all-purpose hourly allowance of:

From 1/07/2020	From 1/07/2021	From 1/07/2021	From 1/07/2021
$2.51	$2.59	$2.66	$2.74

For clarity, an Employee is only entitled to one all-purpose hourly allowance. Notwithstanding, no Union Delegate will suffer a reduction in pay as a result of the implementation of this clause.

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AUDIT FORM

EMPLOYER NAME: _____

ABN NUMBER: _____

ADDRESS: _____

PRINCIPAL NAME: _____

PRINCIPAL TITLE: _____

WORKCOVER POLICY NUMBER: _____

Number of personnel: _____

Overtime 1½x: _____

Overtime 2x: _____

Base Hourly Rate: _____

Fares & Travel: _____

CBUS/BUSS(Q): □ Yes □ No

BERT: □ Yes □ No

BEWT: □ Yes □ No

CIPQ: □ Yes □ No

RDO Accrual: □ Yes □ No

Annual Leave: □ Yes □ No

Sick Leave: □ Yes □ No

PSLS: □ Yes □ No

Group Tax: □ Yes □ No

STATUTORY DECLARATION BY PRINCIPAL: I hereby state that the Employer has paid all of its entitlements and legal obligations in accordance with the appropriate industrial instrument.

_____PRINCIPAL

AUTHORISED BY CPA/INSTITUTE OF CHARTERED ACCOUNTANTS

EMPLOYER NAME:

NAME OF ACCOUNTANT:

REGISTRATION DETAILS

AUTHORISATION STATEMENT: I have examined the time and wages records and hereby certify that they are in accordance with the appropriate industrial instrument.

_____CERTIFIED PRACTISING ACCOUNTANT

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RDO NOTIFICATION FORM

Notification pursuant to clause 21.7(c) above to Work on Scheduled RDO

Date: _____

Employer	
Date of Scheduled RDO	
Project Name	
Project Address	
Work to be undertaken	
Approximate number of employees required	
Union delegate/employee representative	

Manager contact details

Name: _____

Phone: _____

Email: _____

Tick the appropriate Box

□ Affected Employee/s consulted by Employer

□ Affected Employee/s not wishing to work in accordance with the clause have been given an opportunity to reasonably refuse

□ Affected Employee/s informed that if they have a concern about working the scheduled RDO they can raise the matter with their union delegate/employee representative.

Reason/s for work on scheduled RDO

□ High risk activity (specify below)

□ Maintenance, repair, commissioning

□ Restrictions, laws, regulations, etc.

□ Inclement weather

□ Other

Explanation of ground/s listed above:

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Section A.3 – Impairment Policy

1. Principles

1.1. The health, wellbeing and safety of employees are of paramount importance to the employer, employees and their Unions. This policy is part of a broad work, health and safety (WHS) program to secure the highest level of health and safety in the workplace.

1.2. The policy adopts a WHS approach that involves identifying, assessing and controlling all workplace hazards, using the hierarchy of control, and then reviewing these controls to ensure ongoing improvements.

1.3. The focus of this policy is on the WHS risks associated with impairment and should be read in conjunction with other company policies concerning health and safety, particularly in relation to fatigue management, risk management and safe systems of work.

1.4. This policy has been compiled in a manner that is non-punitive and supportive of employees. This policy shall not be used in a discriminatory manner. Anti-Discrimination Law protects against discrimination on the basis of addiction and may also protect against discrimination on the basis of impairments caused by drug and alcohol addiction or use.

1.5. The policy and procedures adopt a peer based intervention approach based on fairness and equity for all employees.

2. Scope

2.1. This policy will apply to all employees (including managers and supervisors), contractors and labour hire staff. The policy applies to these groups at all times when they are engaged in company business, whether on or off site and when driving company vehicles.

3. Structure

The Impairment Policy is categorised in order with the intended implementation:

3.1. Training & Awareness

(a) (Extensive research has shown training and awareness of impairment related issues provides the most effective means of behavioural change and encourages better decision making. The two types of training in accordance with this policy to do this are:

i. Workplace Impairment Training (WIT) - all workers onsite will do this training;

ii. Preliminary Impairment Assessment (PIA) - HSRs, delegates and the PC's safety staff will undertake this training.

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3.2. Testing

Testing for drugs and alcohol is used to support and measure the results of the education and awareness program.

3.3. Support Services

Rehabilitation, counselling and Employee Assistance Programs. Support is strictly non- punitive, and can be accessed at any time (self-identification of the need for help is strongly encouraged).

4. Objectives

4.1. The objectives of this policy are as follows:

(a) To provide a safe and healthy working environment for all workers;

(b) To work collaboratively in the implementation and co-ordination of this policy with employees, employers and their elected representatives to achieve the objectives of this policy;

(c) To eliminate and control risks which may lead to impairment affecting health and safety in the workplace;

(d) To ensure that there is a mechanism for managing impairment at work that is transparent, objective and in accordance with the purpose of this policy;

(e) To ensure that all persons are provided with adequate information and education on the health and safety issues surrounding impairment, and on the operation of this policy;

(f) To ensure that employees have access to rehabilitation, support and counselling of their choice on a voluntary basis that is independent, professional and confidential, without jeopardising their employment;

(g) To ensure confidentiality of information concerning the application of this policy to a worker is maintained.

5. Responsibilities

5.1. The employer shall:

(a) Provide a work environment that is safe and without risks to health and safety;

(b) Provide information about the testing requirements to all existing employees, contractors and labour hire staff and to all new staff at the point of induction;

(c) Ensure that this policy is implemented fairly and equitably across all sections of the workforce;

(d) Comply with the four policy implementation steps outlined below;

(e) Have adequate resources (e.g., a room that allows for confidential impairment assessments to be discussed, if necessary, suitable transport to safely remove impaired employees from the workplace to be able to meet the objectives of this policy.

5.2. Employees shall:

(a) Co-operate reasonably with the employer in the implementation of this policy;

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(b) If any employee reasonably believes that any person on the site may be a health and safety risk to themselves or others they should inform their employer and their relevant Preliminary Impairment Assessor (PIA) of this belief;

(c) Not possess, consume, or be under the influence of, alcohol or other drugs while working;

(d) Ensure that they do not work, if they believe that they may be impaired;

(e) Consult their doctor or pharmacist about possible side effects of using prescribed or over-the-counter medication;

(f) Inform their employer and their Preliminary Impairment Assessor (PIA) if they have been made aware by their treating doctor or pharmacist of possible impairment as a side effect of medication, or if they feel impaired by medication.

6. Policy Implementation Will Involve the Following Steps

6.1. PC/Employer and Union shall agree on a policy start date.

6.2. Engagement of an agreed training and rehabilitation/treatment service providers.

6.3. Provision of on-going Workplace Impairment Training (WIT) and Preliminary Impairment Assessors training (PIA). Ongoing promotion of this policy.

6.4. A purpose of the policy and procedure is to provide protocols and procedures for workplace alcohol and other drug testing that are evidence-based, consistent with best practice, comply with relevant Australian Standards, and contribute to workplace safety and worker wellbeing.

6.5. The following drug and alcohol testing programs will be adopted:

(a) Self-testing;

(b) Random Shift testing;

(c) For-cause testing;

(d) Post-incident testing;

(e) Reasonable concern testing;

(f) Testing of Minors

6.6. Any employee who is assessed as being impaired shall be advised to contact the rehabilitation/treatment provider.

6.7. The employee will be permitted to access personal leave in the first instance and then take accrued personal leave entitlements for the period of time they are accessing the treatment provider.

6.8. With the endorsement/acceptance of the Impairment Policy the Principle Contractor (PC) will undertake to not pass the implementation and cost of drug and alcohol testing to its subcontractors.

6.9. It will also ensure compliance with this policy as follows:

(a) Subcontractors will be contractually required to comply with this procedure as a condition of contract/EBA;

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(b) All direct employees of the PC as a condition of their employment must agree to adhere to the terms and conditions of the impairment policy.

Notwithstanding anything else contained in the policy, the costs of all testing contained within this policy shall be borne by the PC unless otherwise specified in this document.

7. Definition of a Worker

7.1. Anyone who carries out work for a Person Conducting a Business or Undertaking, such as:

(a) an employee (either salaried or wages);

(b) a contractor or subcontractor;

(c) an employee of a contractor or subcontractor;

(d) an employee of a labour hire company;

(e) an apprentice or trainee;

(f) a student gaining work experience;

(g) an outworker;

(h) a volunteer;

(i) a visitor to a workplace.

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8. Training

8.1. The training provider shall be the Workplace Impairment Officer or other agreed provider between the Union and the PC/employer. Impairment awareness training sessions will be delivered to all workers (including principle contractor workers), sub-contractors and labour hire workers at least once every two years.

8.2. In addition to the below training course outlines, principal contractors will be required to develop a site specific information session to be delivered as part of the site induction outlining their Drug and Alcohol testing procedures for the site.

8.3. The below requirements will be audited on an annual basis. Requirements for an approved training provider:

(a) Must have previous experience delivering Workplace Impairment Training;

(b) Must consult with professional organisations to develop all training courses;

(c) Must be able to demonstrate a continuous improvement plan for each training course.

8.4. Trainers must have the following qualifications:

(a) Cert IV in WHS;

(b) Cert IV in Training and Assessing (TAE);

(c) Nationally Accredited Course in On-Site Drug and Alcohol Testing;

8.5. All training must be delivered Face to Face (F2F).

8.6. Workplace Impairment Training (WIT)

(a) WIT course must be a minimum of (2) hours in length and must cover the following topics:

i. Australian Workplace Health and Safety construction statistics;

ii. Overview of the Workplace Health and Safety Act, state specific;

iii. Mental Health - discussing at length stress, anxiety and depression;

iv. Fatigue - overview of causes and coping mechanisms;

v. Illness and Injury - management of illness and injury, legal requirements and rehabilitation process;

vi. Chemicals, Heat, Cold, and Noise and their abilities to cause impairment at work;

vii. Legal/Illegal Drugs and Alcohol - statistics on current usage, potential negative consequences to the workplace, workplace deaths and accidents associated with drug and alcohol use;

viii. Harm related to drug and alcohol use;

ix. Understanding what is a standard drink and how long this will stay in your system;

x. Detection rates for illegal drugs;

xi. Administering self-alcohol and drug tests;

xii. Information about EAP and the services they offer.

8.7. Preliminary Impairment Assessor (PIA)

(a) PIA training must be a minimum of (4) hours in length and must cover the following topics:

i. Understanding the signs of impairment;

ii. Conflict resolution;

iii. Skills to conduct an impairment Assessment;

iv. Overview of what a PIA is;

v. What are possible impairment factors;

vi. Causes and symptoms of impairment;

vii. Investigative skills.

(b) Training is not to be conducted in a lunchroom, unless there are multiple lunchrooms on site and:

i. the training session will not interfere with workers wanting to use the room for smoko or lunch; or

ii. the training session will not be interfered with by workers wanting to use the room in general.

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8.8. No worker can be tested for drugs and/or alcohol unless they have been trained in this policy.

9. Testing Methods

9.1. Alcohol Testing Method

Alcohol testing must only be done by use of an Accredited Breath Test device. The device must be calibrated and meet the minimum requirements of AS3547.

9.2. Drug Testing Method

(a) Drug testing may only be performed by oral fluid testing;

(b) The equipment used to perform the test shall be used, tested and calibrated to the manufacturer's instructions and certified to AS 4760 (Process for specimen collection and the detection and quantitation of drug in oral fluid);

(c) The drug testing shall be conducted by an accredited person, following all of the chain of custody provisions;

(d) The test must be performed in accordance with AS 4760 (Procedures for specimen collection and the detection and quantitation of drugs in oral fluid).

9.3. As part of this policy with regards to Drug and Alcohol testing the following substances must be tested for:

(a) Alcohol;

(b) Opiates;

(c) THC;

(d) Cocaine;

(e) Benzodiazepines;

(f) Amphetamine; and

(g) Methamphetamine

10. Testing Provider

10.1. Must be NATA Accredited.

10.2. Must have accreditation AS4760:2006 Procedures for specimen collection and the detection and quantitation of drug abuse in oral fluid.

10.3. Must be agreed upon by the PC/Employer and the Union.

10.4. Minimum standards that the testing company must meet are as follows:

(a) competent and trained staff;

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(b) appropriate equipment and instruments;

(c) proper management and storage of test kits and reagents;

(d) secure and controlled storage and management of samples;

(e) comprehensive record keeping; and

(f) clear and precise reporting.

10.5. Before the Authorised Testing Agent is engaged to be the sample collector for the principle contractor all relevant stakeholders must be engaged to make sure there is no conflict of interest and that they are totally independent. If a conflict of interest exists, or should arise, the Authorised Testing Agent must report it immediately.

11. Room Requirements

11.1. Each workplace shall have a room nominated for use to undertake drug and alcohol testing consistent with this procedure. This room will not normally be the first aid room at a workplace unless a workplace has multiple first aid rooms and the use of a first aid room for the purpose of drug and alcohol testing will not affect the ability of the workplace to respond to a first aid incident.

11.2. The room selected for use must so far as reasonably practicable:

(a) Provide privacy for the Worker being tested including but not limited to:

i. Have a closing door;

ii. Not allow for casual visual observation of the testing process by other Workers external to the room e.g. through glass windows;

iii. Not allow conversations to be casually overheard by other workers;

(b) Be clean and hygienic;

(c) Be free from interruption whilst testing is being undertaken;

(d) Include discrete entry and exit.

12. Testing Requirements

12.1. On workplaces where the value of the Commonwealth's contribution to the project that includes the building work is at least $5,000,000, and represents at least 50% of the total construction project value or the Commonwealth's contribution to the project that includes the building work is at least $10,000,000 (irrespective of its proportion of the total construction project value) the following minimum testing requirements must be adhered to.

12.2. Alcohol - on the day of testing all workers onsite shall be required to submit a breath sample i.e. blanket testing.

12.3. Drugs; As a minimum, frequent periodic testing (at least once per month where required by law, at intervals required by the client or by mutual agreement by the PC/employer and the Union) of the workforce (both

construction Workers and site office Workers) will be as follows:

(a) where there are less than 30 Workers at a workplace – at least 10% of the workforce;

(b) where there are 30 to 100 Workers at a workplace – a minimum of 5 Workers; and

(c) where there are greater than 100 Workers at a workplace – a minimum of 10 Workers;

(d) The frequency of testing and the number of workers selected shall be increased in line with the escalation below where test results meet the criteria indicated:

Workers	Criteria	Action
Less than 30 workers at a workplace	Confirmed positive results in 2 consecutive tests at the same workplace	Testing of 20% of workforce
30-100 workers at a workplace	Confirmed positive results for 3 or more workers in 2 consecutive testing rounds at the same workplace	Testing of 10 workers
Greater than 100 workers	Confirmed positive results for 6 or more workers in 2 consecutive testing rounds at the same workplace	Testing of 20 workers

12.4. The increased testing requirements shall continue until no Confirmed Positive test results are recorded for 2 consecutive testing periods.

12.5. Other Jobs

On jobsites/workplaces where there is no Commonwealth contribution testing frequency will be agreed upon by mutual consent by the PC/Employer and the Union. Testing requirements will remain the same for all jobsites i.e. blanket alcohol and code requirements for drug testing.

13. Prescribed Medications

13.1. Workers that are taking Prescribed Drugs or Pharmacy Only Drugs that they believe could register a positive test result should inform the Authorised Testing Agent prior to undergoing any requested test.

13.2. If a Worker fails to declare that they are taking Prescribed Drugs or Pharmacy Only Drugs before being tested and they record a Non Negative Result Initial Test result, a post test declaration will not be considered relevant to the result and the Worker will be excluded from duty for the remainder of the shift, subject to a Confirmatory Test.

13.3. Workers who record a Non Negative Result Initial Test result will be excluded from their work duties and the workplace until a Confirmatory Test result has been received.

13.4. If that confirmatory result is a Positive Result Confirmatory Test, then:

(a) The terms and conditions of the applicable industrial agreement shall be observed in relation to consultation and consequence management action.

13.5. When a confirmatory test result is negative or the result recorded is less than the target level or is consistent with a level expected from therapeutic use of a Prescribed Drug or Pharmacy Only Drug, which was advised by the Worker, then the test result shall be considered a Negative Result Initial Test for the purpose of any consequence management action.

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13.6. Where a Worker is excluded from the workplace as a result of a Non Negative Result Initial Test for Drugs and the confirmatory test is positive for a Pharmacy Only or Prescription Drug, the following factors would normally be considered in deciding when it is appropriate to allow a worker to return to the workplace and/or return to normal duties:

(a) Whether the worker declared the medication during the pre-test interview with the Designated Collector or Authorised Testing Agent;

(b) The level of the medication detected is consistent with therapeutic use;

(c) Written advice from the worker's doctor advising that the medication is required to treat a medical condition; and

(d) The medication will not affect the worker's ability to perform the inherent requirements of their job - i.e. they are fit for work.

14. Special Circumstances for Prescription Medication

14.1. A Worker participating in a treatment plan for a medical condition, managed by a Registered Medical Practitioner and involving a Prescribed Drug/Only Drug could result in a Non Negative Result Initial Test if they are selected for Drug and Alcohol testing.

14.2. If in the above circumstance a Non Negative Result Initial Test occurs, and provided that the Worker has:

(a) Declared their use of the Prescribed Drug/Pharmacy Only Drug in a letter less than 12 months old from a registered medical practitioner before the commencement of testing; and

(b) Declared their use of the Prescribed Drug/Pharmacy Only Drug to the Authorised Testing Agent or Designated Collector before the commencement of testing;

(c) Then the Non Negative Result Initial Test result shall be recorded at the workplace and a second sample of oral fluid shall be taken and sent for confirmatory testing. The worker shall be allowed to remain at work but must be precluded from high risk construction work activity until the result of the confirmatory test is known.

14.3. Where the results of the confirmatory test identify the Prescribed Drug/Pharmacy Only Drug declared and the levels are consistent with that prescribed by the prescribed medical practitioner, then a Negative Result shall be recorded and no results retained.

14.4. Where the results of the confirmatory test identify the Prescribed Drug/Pharmacy Only Drug declared and the levels are not consistent with that prescribed by the Registered Medical Practitioner or another drug(s) type is recorded then a positive result confirmatory test shall be recorded.

14.5. Where the Worker has not provided both declarations contained within this part then the Worker shall be excluded from the workplace until the results of the confirmatory test are known.

15. Testing Results

15.1. Alcohol

(a) A worker who returns a negative alcohol test will be allowed to return to work with no record of the test kept. A worker who returns a positive result for alcohol (above 0.00mg/ml) will be deemed not fit work and will not be permitted to return to work;

(b) When a worker tests positive to alcohol in their system the workers blood alcohol concentration (BAC) may be decreasing or it may be increasing. In the interests of safety, the Workers will be directed to remain within the testing vicinity and they will be re-tested no sooner than 60 minutes after the original test;

(c) If the second test result is 0.000% the test will be regarded as negative and the Worker may return to normal duties. A Positive Result Confirmatory Test will not be recorded in these circumstances;

(d) If the later confirmatory test indicates a BAC of greater than 0.000% a Positive Result Confirmatory Test will be recorded;

(e) Alcohol testing shall be carried out by an Authorised Testing Agent agreed upon by the PC/Employer and the Union. The following steps shall be undertaken:

i. Details of the identity of the Worker to be tested shall be recorded including the workplace name, work area and their employer will be listed on a drug and alcohol testing record form by the independent Authorised Testing Agent:

ii. Workers with a BAC of greater than zero (greater than 0.000%) shall discontinue any work activities and shall be directed to undertake a second test sixty (60) minutes after the first test and the results recorded on a Drug and Alcohol Testing record Form by the independent Authorised Testing Agent:

iii. Where the second test indicates a level greater than 0.00% BAC the Worker will be further excluded from work duties for the remainder of the shift;

iv. Where a Worker is to be sent home using their own transport this shall only be permitted if the blood alcohol concentration test result is below that prescribed by applicable road transport legislation and has been determined as not rising for that Worker.

Note: If the Worker's blood alcohol concentration result is greater than or equal to 0.05% BAC, all reasonable assistance is to be afforded to ensure an affected Worker can make their way from the Workplace to a safe location without harm (e.g. taxi, lift from a friend or Supervisor).

v. Contractors will be responsible for the management/arrangements for their employees in accordance with their own employment arrangements.

vi. Any Worker that is excluded from work duties for the remainder of a shift or sent home, must, before commencing work for their next shift undertake an alcohol breath test prior to commencing that shift. If the results are negative (0.00mg/ml) the Worker shall be allowed to commence work. If the Worker returns a positive test they will not be allowed to commence work, hence page 12 of this document, 15.1 Alcohol- d) will apply.

15.2. Drugs

(a) A worker who returns a negative test will be allowed to return to work. A worker who returns a non-negative test result from their initial test (equal to or above the relevant cut-off levels of the substances referred to in AS 4760) will be deemed not fit for work and will not be allowed to return to work. (Benzodiazepine level to be provided by the prescribed testing laboratory);

(b) Drug testing will be administered by the collection and analysis of an oral fluids specimen (saliva). Before conducting a drug test, the process used by the independent Authorised Testing Agent must be explained to the Worker providing the saliva sample;

(c) Collecting and testing of saliva specimens shall be carried out by an Authorised Testing Agent, agreed upon by the PC/Employer and the Union, and confirmatory testing is to be carried out by a NATA accredited laboratory;

(d) A Confirmatory Test will be required where a Non Negative Result Initial Test is recorded at the initial test. The handling of specimens taken for confirmatory testing is detailed in the process used by the Authorised Testing Agent and must be completed to Australian Standards;

(e) Any worker attending the workplace under the influence of drugs or alcohol will be prohibited from entry. A worker returning to the workplace following their exclusion for a Positive Result Confirmatory test will be required to submit to a drug and alcohol test prior to commencing work and receive a Negative Result Initial Test for Drugs or Alcohol prior to commencing work.

16. Forms of Testing

16.1. Self-Testing

(a) The PC/Employer shall be required to provide sufficient self-testing facilities for alcohol and/or drugs for up to 10% of the workforce;

(b) Where self-test facilities are made available voluntary or self-testing for alcohol will be available for Workers prior to presenting for work. A wall mounted breathalyser (optional) will be located in an area that provides for discrete privacy for the worker, whilst completing the test so the test results cannot be inadvertently observed and disclosed to other parties;

(c) A Worker undertakes self-testing at his/her own accord; therefore, no test details are recorded. However, all Workers have obligations under the Work Health and Safety Act or equivalent occupational health and safety or occupational safety and health legislation in other States or Territories and must not wilfully place at risk their health and safety or the health and safety of other Workers or people at the workplace by commencing work if they believe they're impaired.

16.2. Random Shift Testing

(a) In terms of Random Shift Testing it is in imperative that the PC/Employer and the Union do not know on what day, or at what time the Authorised Testing Agent will conduct the tests;

(b) It is a condition of entry for all Workers at any workplace to comply with any request to participate in random Drug and Alcohol testing as a condition of employment or contract. This means that all Workers attending or seeking to attend a workplace will be eligible for testing;

(c) Testing for Alcohol or other Drugs for Workers shall be mandatory and will be undertaken at any time throughout the Worker's hours of work (including overtime) or at any time whilst at the workplace;

(d) Individual Workers will be selected for drug testing using a simple random selection process. A random draw will be conducted using an Authorised Testing Agent independent software to randomise the selection of Workers for testing;

(e) The random selection process includes the selection of Workers from across the entire workplace subject to the testing;

(f) A Worker selected for testing will be required to present themselves for testing within a reasonable time. Random shift testing shall be conducted in a room which provides for privacy for the selected worker during testing; the requirements for this room are outlined in the Room Requirements section of this policy.

16.3. For Cause Testing

(a) An employer/supervisor may only request an employee to undertake for cause testing if:

i. The employee has been involved in an accident or incident, or had the potential to, cause:

ii. Serious and major damage to mobile plant or property; or

iii. an injury to themselves or other individual(s); or

iv. Participation in a relevant and specific industry focus area when the worker is undertaking High Risk Work as identified by the employer and consistent with OHS legislation. Workers will be selected for testing using a random selection process nominated by the employer following a consultation process in line with OHS legislation.

16.4. Post Incident Testing

(a) After the occurrence of a significant incident/event at a workplace, all Workers involved in the incident may be required to undergo an initial Drug and Alcohol test.

(b) Where a Worker(s) is to be tested following a significant incident/event they shall be supervised by an Employer Representative and Employee Representative continually from the time of the incident until they have completed all testing required.

(c) Post Incident Testing will be conducted as soon as practical after the incident/event and when it is safe to do so.

(d) An injured Worker who requires immediate medical attention may only be tested when it is appropriate and safe to do so. This will be determined by the Construction Manager, the HSR, Delegate and the relevant PIA in consultation with the attending medical practitioner. In such cases, where testing can be conducted while under medical care, a saliva testing process will be used.

16.5. Reasonable Concern Testing

(a) An employer may only request an employee to undertake reasonable concern testing if the following criteria are met:

i. An observable phenomenon occurs, which is:

- the direct observation of the employee of use of, and/or the physical behavioural symptoms of being impaired by, alcohol; and/or
- Unusual and/or inexplicable actions by the employee; or
- There is evidence that the employee is involved in the use or possession of alcohol and/or other drugs while working; or
- The employee has breached safety precautions or procedures.

16.6. Testing of Minors

(a) A letter of consent contained within the work experience and student placement procedure shall be signed by the parent or guardian of any worker who is a minor seeking to access a workplace where the Impairment Policy is in place, as a condition of entry to that workplace. Alternatively, an equivalent letter signed by the parent or guardian can be provided through the minor's employer/host employer.

(b) Where a minor is selected for testing and:

i. A letter of consent is held, then the provisions of this procedure shall apply; or

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ii. Where a letter of consent is not held, every effort will be made to contact the minor's parents/guardians to get verbal consent to participate in the testing procedure. If consent is given then the normal testing procedures will apply, if contact cannot be made and/or consent is not given then the minor will be excluded from any high risk activities or potentially excluded from site until consent is given.

17. Refusal to Test

17.1. If a Worker refuses to participate in workplace Drug and Alcohol testing the following will apply:

(a) The Employer, will inform the Worker and the workers chosen representative, that the refusal will have the same consequences as a non-negative result, i.e. that the employee will be deemed to be unfit for work due to the presence of alcohol or drugs;

(b) If the worker still refuses, the Employer and the PIA, shall consult with the worker and the workers chosen representative, regarding the requirements, process and consequences of refusing to test and encourage them to partake in the test. This would be the second request to be tested;

(c) If the worker still refuses, the refusal will be treated as a confirmed positive result, and will be subjected to the relevant consequences of such. All reasonable assistance is to be offered to ensure the employee can make their way from the workplace to a safe location without harm (i.e. taxi, lift from a friend or fellow worker). An agreed leave of absence arrangement is to apply for the duration of their absence.

18. Disciplinary Action

18.1. The following sets out the action which may be taken when a worker returns a confirmed positive result to an alcohol or drug test.

18.2. First Occasion - A worker who has received a first confirmed positive test for alcohol or drugs (other than by self-testing) will be:

(a) Required to attend the Support as referred to in this Policy;

(b) Informed of the consequences of testing positive and their obligations to present, or remain in a fit state;

(c) Informed of further disciplinary action and testing requirements should they have a confirmed positive result (alcohol or drug) within the next 12 months.

18.3. Second occasion - A worker who has received a second confirmed positive test for alcohol or drugs (other than by self-testing) within any 12-month period will be:

(a) Required to re-attend the Support as referred to in this Policy

(b) Required to participate in a rehabilitation program referred to in "Support" in this policy

(c) Informed of the consequences of testing positive and their obligations to present, or remain in a fit state;

(d) Given a verbal warning with a diary entry placed on file; and

(e) Informed of further disciplinary action and testing requirements should they have a confirmed positive result (alcohol or drug) within the next 12 months.

18.4. A worker who has received three confirmed positive test results for alcohol or drugs which has been detected in a 12-month period may be disciplined under the Employer's disciplinary processes.

18.5. A worker who fails to attend EAP sessions may be disciplined under this policy in accordance with principles of natural justice.

18.6. No disciplinary action will be taken in respect of positive test results from a self-test.

19. Support

19.1. The Principle Contractor (PC)/Employer will make available support to workers in respect of drug and alcohol issues. This will include:

(a) allowing access to any Union support programs; and

(b) provide an employer funded Employee Assistance Provider (EAP) to be available to workers.

19.2. The worker will be allowed to access a Union support program and/or EAP counselling during normal working hours and without loss of pay, or any form of employer retribution.

20. Self – Declaration

20.1. Workers will not be disadvantaged for self-disclosure and therefore will be supported through counselling and rehabilitation processes and provided with the Support contained in this policy. In such cases the worker will be permitted to access personal leave in the first instance, then accrued leave, and may return to work when fit for duty.

20.2. The worker may be suspended from any work, with pay, with immediate effect in order for an assessment to be made of the duties they are able to perform safely and a drug and alcohol test is to be taken as soon as reasonably practicable.

21. Privacy

21.1. Drug and Alcohol testing results shall remain confidential and will only be used for the purpose of compliance with this Procedure in the manner required by the *Privacy Act 1988 (Cth)*. Any information provided or declared by a Worker regarding:

(a) Prescribed Drug and Pharmacy Only Drug consumed;

(b) Medical conditions or the like;

(c) Their proposed return to the workplace following exclusion by this procedure;

21.2. Will also remain confidential and managed in accordance with the *Privacy Act 1988 (Cth)*. Similarly, where a Worker supplies information regarding the use, sale or supply of Drugs or Alcohol at a workplace, unless the Worker otherwise agrees or as otherwise required by law, the Worker's identity will be kept confidential.

21.3. All Positive Results Confirmatory Test will be maintained on the relevant Worker's personnel records located at the workplace.

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21.4. Protections from Worker Deoxyribonucleic Acid (DNA) misuse

21.5. Workers selected for testing shall have their personal DNA protected by:

(a) In the case of unintended collection of a Worker's DNA during the collection of an oral saliva sample for an initial test, by the worker being offered the used collection cartridge upon completion of the initial test.

(b) In the case of unintended collection of a Workers DNA during the collection of an oral saliva sample for testing at a NATA approved laboratory for an initial Non Negative Result Initial Test, by ensuring that the documentation that accompanies the collection cartridge to the NATA approved laboratory does not include the workers name or address but contains only that information sufficient to comply with AS4760 e.g. test report number and date of birth.

21.6. These protections will be notified to Workers during training

22. Consultation

22.1. If a party believes that an amendment to the impairment policy is required, they shall request and organise a consultation meeting involving the Employer, the Union and any other relevant stakeholders.

22.2. The attendees shall seek to reach agreement on any proposed amendments.

22.3. No amendments shall be implemented unless agreement is reached by the Employer, the Union and the relevant stakeholders.

22.4. Employment Assistance Program (EAP)

22.5. The Employment Assistance Program (EAP) is an agreed independent, professional and confidential service that aims to provide employees with assistance when affected by personal or job related problems.

22.6. To have a successful Impairment Policy at the workplace, the Policy must address how those at the workplace, including employees of the principal contractor, subcontractors and their employees and others, will be required to comply with the Impairment Policy.

22.7. The below requirements will be audited on an annual basis of the employer:

(a) Must be able to provide EAP support in all States, Territories and regional areas of Australia;

(b) Must outline in their Impairment Policy how workers who attend for work affected by drugs or alcohol will be counselled and assisted, apart from any disciplinary process that might apply;

(c) Must have a memorandum of understanding (MOU) with relevant stakeholders within treatment support areas;

(d) Provide support for their workers and their immediate families;

(e) Must be able to provide treatment services which must include the following:

i. General counselling;

ii. Drug and Alcohol counselling;

iii. Drug and Alcohol detoxification services;

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iv. Drug and Alcohol rehabilitation services;

v. Case Management services;

vi. Psychology services;

(f) Must have a history of delivering support services to the Building and Construction Industry

(g) Must be able to develop and implement a plan to promote the impairment policy within the workplace

23. Addendum

Refer to the National CFMEU Impairment Policy for more information and detail about impairment in the construction industry. The policies and procedures in the national document look at the impairment issues of Mental Health, Injury and Illness, Fatigue, Chemicals, Heat, Cold and Noise, and Alcohol, Illegal Drugs and Legal Drugs and provide the research behind the implementation of this Impairment Policy.

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Section B.1 – Workplace Health and Safety

1. Procedure for Dealing with Safety Issues or Incidents

1.1. The Employer, the Employees and the Union agree that for the purposes of s. 81 of the WHS Act matters about work health and safety arising at the workplace shall be resolved in accordance with this procedure.

1.2. The Parties agree that for the purposes of this procedure and s. 81(3) of the WHS Act the following persons shall be the representatives of the following parties:

(a) the Principal Contractor (as defined in the WHS Act) - Site Manager or any other person nominated by the Principal Contractor;

(b) the Employers - the Site Manager or any other person nominated by the Employer(s); and

(c) the Employees - person nominated by the Employee (e.g. Union or other representative).

Collectively referred to as "Nominated Parties"

1.3. The Nominated Parties agree that representatives shall be entitled to:

(a) Inspect any work system, plant, substance, structure or other thing relevant to resolving the issue;

(b) Consult with relevant Employees in relation to resolving the issue;

(c) Consult with the relevant PCBU (as defined in the WHS Act) about resolving the issue;

(d) Inspect and take copies of any document that is directly relevant to resolving the issue; and

(e) Advise any person whom the representative reasonably believes to be exposed to a serious risk to his or her health and safety, emanating from an immediate and imminent exposure to a hazard of that risk.

1.4. The Nominated Parties and/or their representatives may commence the procedure by informing, either by themselves or their representative, the other Parties and/or representatives that:

i. There is an issue to be resolved; and

ii. The nature and scope of the issue

1.5. As soon as the Parties and/or their representatives are informed of the issue, the Nominated Parties and/or their representatives must meet or communicate with each other to attempt to resolve the issue.

1.6. The Nominated Parties and/or their representatives must have regard to all relevant matters including:

i. the degree and imminent risk to the Employees or other persons affected by the issue;

ii. the number and location of Employees and other persons affected by the issue;

iii. the measures both temporary and permanent that must be implemented to resolve the issue;

iv. who will be responsible for implementing the resolution measures;

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v. whether the hazard or risk can be isolated; and

vi. the time that may elapse before the hazard or risk is permanently corrected.

1.7. Once the issue is resolved details of the issue and its resolution must be set out in writing with all Parties and/or their representatives to be satisfied that the document reflects the resolution of the issue with a copy given to all Nominated Parties and/or their representatives to the issue. The issue, once resolved, shall be recorded in the next safety committee meeting minutes with the agreed resolution.

1.8. The Nominated Parties and/or their representatives must make reasonable efforts to achieve a timely and final resolution of the issue. If within a reasonable time there is still no resolution, any of the Nominated Parties attempting to resolve the issue may then ask Work Health and Safety Queensland, and/or the Queensland Building and Construction Commission, where applicable, to arrange for an inspector to attend the workplace to assist in resolving the issue.

1.9. Direction to cease work

(a) If –

i. an issue concerning health or safety arises at a workplace or from the conduct of the undertaking of the Employer; and

ii. the issue concerns work which involves an immediate threat to the health and safety of a person; and

iii. given the nature of the threat and degree of risk, it is not appropriate to adopt the processes set out in clause 1.7 above –

(b) the Employer and/or the health and safety representative for the designated work group in relation to which the issue has arisen may, after consultation between them, direct that the work is to cease.

(c) During any period for which work has ceased in accordance with such a direction, the Employer may assign any Employees whose work is affected to suitable and safe alternative work.

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2. Personal Protective Equipment (PPE)

2.1 The following clothing will be supplied to all Employees (no later than 1 month after commencement} and will be replaced on a fair wear-and-tear basis. Employees when working on site are required to wear all footwear and clothing supplied. The issue will be:

(a) 1 pair of safety boots (if the employee buys such boots, the Employer will reimburse the Employee up to $125.00 upon presenting a receipt of purchase);

(b) 6 sets of shirts and shorts/trousers, overalls or bib and brace overalls, or any combination as agreed; and

(c) 1 high visibility winter jacket

2.2. All of the abovementioned items will be replaced on a fair wear-and-tear basis. Where an Employee has not sought replacement of any of the abovementioned items on a fair wear and-tear basis within twelve months from the date of issue, then that Employee will be entitled to a re-issue of the items at the completion of those twelve months.

2.3. All items will comply with the relevant Australian Standards. The clothing selected will need to be breathable, be light weight, UV stable, have a high visibility quality, and have the maximum UPF rating.

2.4. No agreement to pay cash in lieu of supply of clothing/footwear is permitted.

2.5. When the Employer requires an Employee to wear spectacles with toughened glass lenses the Employer will pay the cost of the toughening process.

3. Training and Related Matters

3.1. The parties are committed to the promotion of a highly skilled industry that delivers ongoing employment opportunities and a world-class end product through an efficient and safe construction process. To this end, the Employer agrees that appropriate training, including the engagement and training of apprentices, and skills development for the workforce will be provided during the term of this document.

3.2. Where possible training and skill development is to be carried out in normal working hours. It is agreed that no Employees will suffer loss of pay as a result of participating in training required by the Employer.

3.3. The Employer will implement a policy where all Employees will have their current skills assessed against those required in the nationally recognised formal training package relevant to their work. Where any skill deficiencies are identified through the assessment process, the necessary training will be provided to attain the relevant nationally recognised formal qualification.

3.4. The Employer will bear all costs associated with the provision of the training, including costs and material costs and the provision of the Employee's wages for the period of the training.

3.5. HSR Training

Any Employees elected as a workplace HSR (Health and Safety Representative) will undertake a training course approved by the State or Territory Government and provided by the Employer within six weeks of being elected, at no cost to the Employee.

3.6. The Employer agrees that it will, within 7 days of receiving a written request from an Employee, provide:

(a) Evidence to demonstrate the positive commitment to training and skill development; and

(b) The information as to the number of apprentices and visa holders engaged by the Employer;

(c) Each of which is required to provide to the funding entity in accordance with Clause 24(2) of the Code.

3.7. Nothing in this subclause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988 (Cth)*.

4. Health and Safety Representatives

4.1. The Employer and its Employees will comply with Part 5 of the WHS Act – Consultation, representation and participation in relation to the establishment of a health and safety committee;

4.2. The health and safety representative/s (HSR) shall be elected by the Employees on the job on a democratic basis, and shall be subject to recall by a similar process.

4.3. Parties covered by this Document recognise the important role of HSRs. The HSRs have a key role in the early intervention in health and safety issues under this Document.

4.4. The HSR shall be allowed to consult with the principal contractor, or persons acting on his/her behalf, on matters directly concerned with safety of workers, and promote the safe conduct of work generally.

5. Health and Safety Representative Meetings

5.1. A health and safety representative will be allowed reasonable paid time during working hours to attend to occupational health and safety matters affecting employees he/she represents providing that the Representative informs their manager.

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Department of
Transport and Main Roads

13 January 2021

Gold Coast Light Rail Stage 3

Issued to: GoldlinQ

Clarification #OFiM-79-C

Returnable 28 & 17:

Question: Best Practice Principles – Industrial Relations

The Department of Transport and Main Roads (TMR) has been assessing the submission from GoldlinQ and the recommended D&C contractor, John Holland, for the design and construction of Stage 3 of the Gold Coast Light Rail (GCLR) project.

As part of the tender submission, John Holland has expressed its commitment to adhere to the Queensland Government's Best Practice Principles (BPP), specifically in relation to workplace health and safety, best practice industrial relations and building capability for the future through the engagement of trainees and apprentices.

As a result of its review, the State has identified five key areas of industrial relations which require further clarification as outlined below:

1. Scope and application of the three John Holland Enterprise Agreements.

(a) What is the evidence that the *John Holland NSW Rail Agreement 2018* is capable of covering employees performing work in Queensland?

(b) Has John Holland mapped the work that is being self-performed to the proposed Agreements and relevant Modern Awards and the duration of the program for these works?

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(c) If John Holland propose to use the *John Holland Signalling NSW Agreement 2018*, will employees from New South Wales be engaged under the temporary assignment clause of the Agreement? If so, can John Holland identify the duration of the temporary assignments, numbers of employees to be assigned and provide examples of where they have used this clause in similar assignments in the past? How does John Holland propose to mitigate the risk of employees opting out of such assignments?

(d) Will John Holland engage employees on a 36 or 38 hour work week working in like classifications/work areas? If so, do they see this as a risk and what would be their mitigation strategy?

(e) John Holland indicate in the ERMP (part 8.2.4) that the John Holland Civil Agreement is consistent with other competitors in the tier 1 and tier 2 market, while its Rail Agreements are comparable to key competitors within the industry. How has John Holland measured 'market rates'? What benchmarks have been used to ascertain the current conditions and rates?

(f) In cases where employees may fall out of coverage of the three agreements identified, how do John Holland propose to mitigate such risk?

2. Nominal expiry dates of the three John Holland enterprise agreements

John Holland has identified in its best practice industrial relations returnable (R28.3), the nominal expiry dates of the three of its agreements to cover its directly engaged workforce.

If John Holland are proposing to use the *John Holland NSW Rail Agreement 2018*, *John Holland Signalling NSW Agreement 2018* and *John Holland Civil Construction Agreement 2019* to cover employees performing works on the project, how do they plan to mitigate the risk of potential protected industrial action as each agreement reaches its nominal expiry date?

3. Consideration of a Greenfields agreement as an alternative to existing John Holland enterprise agreements.

(a) Has John Holland considered a Greenfield agreement to provide a level of certainty across the life of the project as an alternative to its nominated strategy regarding industrial instruments, for their own employees?

(b) If John Holland does intend to implement the Greenfields agreement, how does it propose to do so and will existing employees be able to undertake this work under the Greenfields agreement?

4. John Holland's approach to engaging subcontractors, including industrial instruments covering subcontractors

John Holland propose to utilise their internal National Advisory Service Employee Relations Team (NASER) to complete assessments of subcontractors Code of Declarations of Compliance as outlined in document R17.7 part 9 (consistent with best practice industrial relations) prior to commencement of works on site. John Holland also propose to assess contractor submissions against the BPP as a key part of the selection process.

(a) Has John Holland assessed key subcontractor packages and the enterprise agreement terms (i.e. wage rates, hours of work) and compared them to John Holland enterprise agreements, particularly for like classifications? Do they see a risk in the event of a significant gap in the terms and if so, what is their mitigation strategy?

(b) Has John Holland mapped Nominal Expiry Dates for subcontractor enterprise agreements against planned time on the project and if so, what are subcontractor mitigation plans for potential protected action?

(c) Where it is likely that there are multiple enterprise agreements covering multiple cohorts of employees on the project, has John Holland assessed the risk of like employees being employed on significantly different terms and if so what is their mitigation strategy?

5. The civil construction sector has a history of competition between unions, particularly on large projects

(a) John Holland may encounter trade union demarcation disputes on the GCLR project. What is the proposed mitigation strategy should such disputes arise between unions and their members?

(b) Where the trade unions can evidence members on site, has John Holland assessed the risk of like employees being employed on significantly different terms, if so, what is their mitigation strategy?

Other considerations.

The State also notes that the GCLR procurement process commenced and bids were submitted prior to the recent endorsement of TMR's draft Best Practice Industry Conditions (Transport BPIC) policy for major transport projects (copy attached). An objective of the government is to promote industrial harmony and continue improving safety. TMR has commenced broad industry consultation on the draft policy.

The State would therefore like to understand the impact, if any, of the Transport BPIC on GoldlinQ's proposal (including price, program or other impacts) if this draft policy were to be adopted for the GLCR 3 Project.

Answer:

Attachments:

Executive Briefing

Topic	BPIC Overview – Risk and Opportunity
Date	1 February 2021
Author	Trent Smith, Group Manager Industrial Relations

The purpose of this paper is to summarise the key risks, opportunities and proposed implementation of the Queensland Government's *Best Practice Industry Conditions* (**BPIC**) in the civil sector.

Background

The Qld Government introduced the BPIC on building projects last year, specifically the Cairns Convention Centre (Lendlease Project) and Gatton Correctional Centre (JH Project). The intent of the BPIC is to ensure that common terms and conditions of employment are adopted on 'major projects'. The BPIC is based on the CFMEU Building Pattern Agreement (albeit at reduced rates and allowances for the civil sector).

It is the expectation that a head contractor adopts the BPIC as a greenfield enterprise agreement specific to the project, and then makes 'best endeavours' to ensure that all subcontractors engaged on the project adopt terms and conditions no less than those provided in the BPIC. In practical terms, the expectation is that subcontractors negotiate a greenfield enterprise agreement for the project consistent with the BPIC.

The Federal Government's *Code for the Tendering and Performance of Building Work 2016* (**Building Code**), prohibits John Holland from requiring or applying undue pressure on a subcontractor to:

a. provide terms and conditions to its employees which are in excess of their enterprise agreement or award entitlements (ie. mandate that they apply the BPICs); or

b. impose obligations to be part of a particular scheme or fund (eg. income protection, redundancy fund etc – which the BPICs do).

The implication of falling foul of the Building Code is being prevented from tendering or performing federally funded work for a period of up to 12 months.

Key Risks

Whilst the BPIC has been implemented on Building projects, there is considerable tension between the Building Code and the implementation of the BPIC for reasons highlighted above. Based on the nature of the civil sector in Qld, it is considered to be of higher risk than the implementation in the building sector. For several reasons, subcontractors in the civil sector are much more fragmented in terms of their industrial instruments and certainly not conditioned to this approach in recent years.

It should be noted that the approach proposed by the Government is consistent with how major gas and resource projects were completed in Qld (from 2008 – 2014) under head contractors such as Bechtel, which did demonstrate some positive industrial outcomes. The complexity now is the 2016 version of the Building Code and the ABCC (regulator) focus on this conduct.

1. *Building Code Compliance*

The primary risk is dealing with an uneducated subcontractor sector that is not 'sophisticated' enough to understand and implement the BPIC as mandated by the State Government. This would mean thatwe would be required to put ourselves in the uncomfortable position of attempting to educate subcontractors on the intent of the BPIC and raises concern in respect of compliance with the Building Code.

2. *Industrial Disputation*

In addition, if JH was to apply '*best endeavours*' to have a subcontractor apply the BPIC, but for whatever reason the subcontractor failed to apply the BPIC correctly (or refused to adopt), then this will attract considerable union attention and disruption. The union are not concerned by JH's Building Code obligations and their clear intent is that *all* workers engaged on the project are done so on terms and conditions at least consistent with the BPIC.

Potential Opportunities

The Qld Government and unions have made clear that the implementation of the BPIC will occur on future civil projects. The union have also advised that it is their expectation that the Government introduce the BPIC on projects currently under tender, such as GCLR. Based on the levels of influence the union have over Government, there is little doubt that the BPIC will be introduced, the key questions is if it will apply to those currently under (well progressed) tender processes.

Based on the Government's commitment to introducing the BPIC, there is the potential for JH to position as a 'less risky' proposition to implement the BPIC in the civil sector. JH have demonstrated an ability to implement the BPIC (Gatton has only recently commenced, but we understand what the Government is trying to achieve) and in such a fragmented sector, they will be desperate to ensure that the BPIC is implemented seamlessly.

Based on our experience at Gatton (and noting the additional risk associated with the civil sector), there is an ability to manage the Queensland Government's desire to implement the BPIC in a Code compliant manner, albeit with some changes managed with the client in light of our Code obligations. The success of any contractor implementing the BPIC will be contingent on the below key implementation requirements being met by the Government and client agencies.

Implementation

It is critical that the Government and the relevant client agencies, such as TMR, educate the civil sector appropriately regarding the implementation of the BPIC on civil projects moving forward. This will be essential for head contractors to avoid having to explain to subcontractors the requirements for tendering on projects where the BPIC have been implemented.

We have seen in the building sector that subcontractors have now become more aware of the Government's intent and expectations with respect to the BPIC. It will be important they take the time to do the same with the civil sector and communicate their expectations clearly to industry broadly.

We have already advised key client representatives, union stakeholders and representatives of the State the importance of this education and communication.

In addition to the above, we consider that the following actions will need to be implemented to mitigate the risk to JH:

- **Initial tenders** - John Holland should ensure in its initial tenders for its early works / preliminary activities that it is a Building Code 2016-covered entity and will ensure that its activities ONLY occur in accordance with the Building Code 2016. We should make clear that John Holland takes the view that where Building Code obligations apply, these take precedence.

- **Greenfields Agreement discussions with the Unions** – we see this as an opportunity to seek good intel on how the unions intend on going about speaking to contractors and advertising our "price leadership" on the job. To that end, it is not John Holland applying influence or pressure on subcontractors – this is something that subcontractors will see that John Holland has already itself priced.

- **JH tender and subcontract approval process** – we should design the subcontracts to ensure Code compliance – including by:

    a) being clear in all our correspondence that we do not require or influence contractors to adopt the BPICs;

b) require each subcontractor to provide detail to the project regarding how their terms and conditions will meet the Qld Government's BPP, not the BPIC (this is addressed throughout EOI and tender documentation);

c) there will be no mention of the BPIC, these are provided to each subcontractor with the EOI/tender as required under the contract, but for their reference only;

d) providing our own weightings for BPP compliance only (no reference to the BPIC); and

e) inserting the usual standard provisions for Code compliance in all subcontracts.

- **Evaluations** – we should target our evaluation effort at the most suited contractor for the job. If we have been able to get through our weighting allocations, this should also be much easier at this point. Again, there is no reference to or reliance on the BPIC.

  In addition, there should be clear reasoning (irrespective of enterprise agreements and the BPIC) of why a subcontractor was successful and also *importantly* why unsuccessful.

It is important to note that we have templates in place for Gatton that can be adopted for infrastructure projects, all of which have been approved for compliance with the Building Code.

Competitor Position

It is understood (via the unions) that CPB, Acciona and Bielby are all currently being asked to implement the BPIC on a project currently under tender. If the union are to be believed, all have advised of their willingness to comply with the BPIC.

There appears to be considerable angst amongst the rest of the industry regarding the BPIC, led by the QMCA. These concerns are certainly not unfounded and do create considerable risk for contractors. However, the Government have been clear that the BPIC will be implemented and there may be more to be gained by engaging with the Government and key clients to try and achieve some change that would make the BPIC more palatable and to also ensure that the Government is aware of and giving consideration to the key risks for contractors in implementing the BPIC.

[redacted]

RE: GCLR3 Fireside Chat

TS-14

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[redacted]

From: Rob Evans-JHG [redacted]
Sent: Friday, 5 February 2021 10:39 AM
To: Steve Butcher-JHG <[redacted] English-JHG [redacted]
Cc: Norman Lovemore-JHG [redacted] Monica Chablin-JHG [redacted]; Loren Hickey-JHG [redacted] Ryan Dodd-JHG [redacted] Trent Smith-JHG [redacted]
Subject: FW: GCLR3 Fireside Chat

Steve / Andrew,

You will be aware that I'm currently having a weekly GCLR3 discussion with Phil Mumford of GoldlinQ and Peter Papantiniou of the Queensland Government. The outcomes of this morning's meeting are outlined in detail below. In summary, however, we need to make a number of key decisions in the next few days:

- Are we prepared to reconvene yesterday's cancelled meeting for next Wednesday afternoon (10th)?
- We need to confirm our position that we will not contemplate contracting with GoldlinQ until the BPIC issue is resolved. At present, both GoldlinQ and the State are trying to rush the financial close of the contract by getting us to execute a contract based on our "pre-BPIC" position and then dealing with the changes in a subsequent modification. I've heavily resisted this. We need to get back to them quickly to confirm our corporate position (such that Government can make some key decisions). I strongly suggest we confirm to all parties that we're not prepared to execute a contract until the BPIC position is fully resolved. **I would appreciate you confirming your agreement here ASAP.**

- We need to confirm whether we intend to re-engage with the supply chain to re-price the effects of BPIC. Prior to yesterday's cancellation, the bid team was comfortable we didn't need to do this. I suggest we have an agreed position on this by mid next week (such that we can confirm at the proposed meeting).
- Most importantly, we need to confirm that we're prepared to contract on the basis of the BPIC.

- Depending on the responses to the above, GoldlinQ and the State would like to discuss order of magnitude numbers if / when we meet with them next Wednesday.

I'd therefore appreciate your timely consideration of the above such that we can respond accordingly. Any queries, please let me know.

Kind regards,

Rob.

From: Rob Evans-JHG
Sent: Friday, 5 Februar
To: Loren Hickey-JHG [redacted] Ryan Dodd [redacted]; Monica Chaplin-JHG [redacted]
Cc: Trent Smith-JHG [redacted]
Subject: GCLR3 Fires

Loren,

Summary of this morning's fireside chat:

Non-BPIC Issues:

- Next iteration of the D&C contract will be sent to us today. Phil asked Monica to catch up with Nick Ng;
- Water mains 128 and 129: they've asked us to respond to tan RFP that removes this scope. They want us to come back with a clean revision of our price and programme to reflect this work being undertaken by GCCC. I confirmed (as before) that we would need specific relief on any site possession or program delays cause by GCCC.

BPIC Issues:

- I apologised for the no-show yesterday and explained in very broad terms that this is a significant decision that we need more time to contemplate;
- I was clear that we would not be able to make decisions or provide information in time for them to go to FC at the end of next week;
- Paul Digby confirmed that Plenary don't work on a monthly cycle so if they needed to slip FC by a few weeks (rather than months), they could. They weren't explicit but the implication is that they're now moving their planned FC out to at least the end of March;
- Peter Papantoniou needs to know whether we're prepared to go to contract without resolving the BPIC decision (i.e. deal with it in an OM modification later). I expressed my view that JH is unlikely to agree to this but I committed to getting them a firm position on this ASAP (see below);
- Dean Misso of State Government would like to catch up again with Trent. I confirmed he should speak directly with Trent;
- Phil Mumford confirmed that at this stage, the D&C draft doesn't contemplate giving us relief in the event of changes to the BPIC conditions mandated by State Government. All acknowledged that such relief should be drafted in;
- There was lots of discussion about whether JH would need to re-engage with the subcontract market with regards to repricing the effects of BPIC. I confirmed we hadn't resolved this internally but if we did need to re-engage, it would take at least 4-6 weeks. They would like us to confirm this ASAP (see below);
- State and GoldlinQ would like to reconvene yesterday's cancelled meeting on Wednesday of next week. This would be to clarify three things:
    - Are we prepared to consider contracting prior to the BPIC decision being made and dealing with it as a subsequent OM modification;
    - Do we need to engage with the subcontractor market or not and therefore, when can we give them firm price and programme implications of BPIC;
    - Can we given the order of magnitude numbers;
- Also, whilst we didn't discuss it explicitly, I suggest at this meeting, we need to confirm our willingness to adopt BPIC.

On this last point, I will shortly send an email to a wider audience (including Steve and Andrew) to confirm the big-ticket decisions we need to make in the next few days.

Kind regards,

Rob.

Rob Evans
General Manager - Rail Projects

JOHN HOLLAND

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Executive Assistant: Coralea Tantra-Jones
M. [redacted]
E. [redacted]

RE: GCLR3 Fireside Chat

TS-15

From: Trent Smith-JHG [redacted]
To: Rob Evans-JHG [redacted], Steve Butcher-JHG [redacted] Andrew English-JHG [redacted]
Cc: Norman Lovemore-JHG [redacted] Monica Chaplin-JHG [redacted], Loren Hickey-JHG [redacted] Ryan Dodd-JHG [redacted]
Date: Fri, 05 Feb 2021 12:58:18 +1100

Hi all,

I had a chat this morning with Dean Misso (Executive Director (Office of the Deputy Director-General) TMR). I advised that during general discussions with the union last week they made mention that there may be a separate BPIC document that would apply to projects greater than $300M. In response, Dean confirmed the following:

- The TMR position up until this week had been that the BPIC document we had received would be implemented on projects currently under active tender and that they would then work on finalising a document for projects greater than $300M for upcoming tenders.
- He understands that there was then a meeting with the Ministers department and the CFMEU and ETU on Monday night and TMR have now been advised that the unions would be contacting JH directly with a revised document for GCLR (and based on $300M BPIC).
- He is unsure of what this document looks like, but has heard that it is based on CRR (although he noted that neither CFMEU or ETU are party to that agreement, so it would likely be 'slightly different').
- He wasn't clear how this document would be issued to us, but sounds like it will come from the union rather than official channels.
- CPB (Vince) had a meeting with TMR on Monday re the BPIC (the $100-$300M document) and Dean understands that they are currently considering the impacts. They are responding to questions similar to that which we received from the State.
- There will be another meeting with a contractor next week regarding the BPIC ($100-$300M).
- There was no suggestion that CPB pushed back strongly during the meeting, but appeared to raise concerns similar to JH.

In response to the above, I advised that we have not received any document from the unions this week or had any dialogue at all. I also advised that it was starting to get very messy, which he acknowledged.

I also confirmed that we still had concerns about implementation from a Code perspective, he acknowledged these concerns as well.

Cheers,
Trent.

[redacted]

- [redacted]
- [redacted]

From: Ryan Dodd-JHG [redacted]
Sent: Monday, 15 Febru
To: Andrew Eng [redacted]; Steve Butcher-JHG [redacted]; Norman Lovemore-JHG [redacted]
Cc: Rob Evans-JHG [redacted]; Loren Hickey-JHG [redacted]
Subject: GCLR3 - BPIC - Meeting Approach Summary (CONFIDENTIAL)

Andrew / Steve –

Below is a detailed summary of the GCLR3 BPIC Meeting held last week with GoldLinq & the State.

Key Points / Actions of note:

- State seeking a written summary of our meeting and the actions, likely this week
- Client / State seemed intent on pushing ahead with BPIC implementation on this project, subject to confirming outcome of all the actions put on the table during the discussion
- State to confirm the agreed BPIC document to be used for the purpose of revalidating our proposal (i.e. agreed with union stakeholders) – this will take 2+ weeks
- State to assist in the revalidating of our proposal through industry briefings to supply chain participants
- Early Works Agreement – details of what scope (non-BPIC) to be completed under such an arrangement to be confirmed as well as impact to program (i.e. improvement to 7-9 mth delay communicated during the meeting)

The ball is in the States court in terms of BPIC and confirming the document to be used for the purpose of re-pricing our offer.

When we write to them to confirm summary of meeting, we should include our assessment of additional bid costs should we proceed with the full re-price and our intention to be compensated for this should we be directed to do so.

Ryan

MEETING SUMMARY

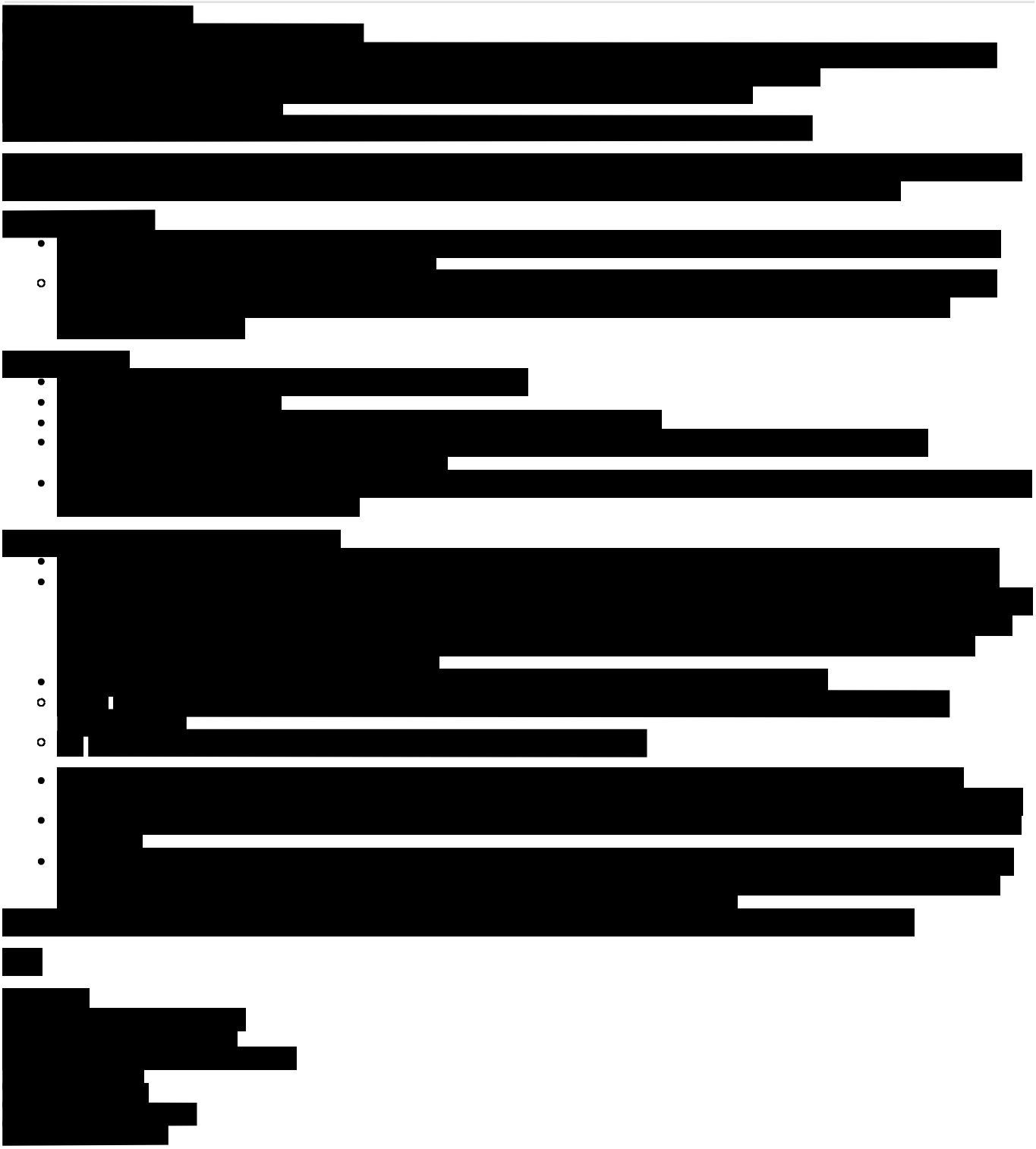
- Meeting attended by representatives of GoldLinq & the State
- State provided the following updates:
  - industry consultation on BPIC has commenced with 4 x agency groups (QMCA, IAQ, CCF and Consultants Australia) early days
  - Despite this consultation process only being in its infancy, they see little change to the BPIC document recently released.
  - State advise they are seeking to impellent draft BPIC provisions on 4 x active procurements (3 are in a preferred position, including GCLR3, & 1 is not that advanced) – full BPIC implementation anticipated on new procurement – Centenary Bridge
  - They have not reached agreement with any of the active procurements as of yet – but acknowledged we're in the same stage of the process as another party (which we assume is CPB on C2C D2 project) they are having a similar meeting to the one we had today with the other party next week.
  - They advised union (ETU) had contacted them to confirm GCLR Stage 1 & Stage 2 rates compared to Stage 3. They allege that the rates used in our Tender are lower than that used on Stages 1 & 2 – ACTION: State confirming any impact from this
  - They reiterated that the state is very motivated to have BPIC implemented but all options were on the table

- We reiterated the importance of confirming no adverse impacts to our Code obligations – we must remain compliant – State / GoldLinq agree (we agreed to highlight the key risks in this regard to TMR and the State to consider)
- We mentioned that during our stakeholder consultation to date with unions we were advised that we were provided an 'incorrect' BPIC document that should apply to projects <$300M. State confirmed there is only one document but acknowledged our concerns that union believes there will be a different document. ACTION: State to confirm with industrial stakeholders the document to be used for GCLR3 and advise JH/GoldLinq – this is an important point and needs to be concluded before we do anything. State advised that that process would likely take a matter of weeks rather than months.
- We advised that once BPIC document to be used has been confirmed, we need to complete a full review/revision of our offer that will include supply chain engagement and that this may take 2-4 months. We are also unsure as to how we may be able to do this given Code considerations.
- We expect the State to manage this process and ensure the education of the industry about BPIC. They are open and willing to do this. We suggested that this needs to be done concurrently to the ongoing procurement process.
- We advised the price impact assessed to date could be 'north of $150M' – they seemed relieved at this. Towards conclusion of the meeting we provided the range of our initial assessment to $160-190 – however these were not upper limits and based on a number of assumptions which had to be fully considered during the re-price. The State appeared happy to proceed with next steps on this basis…
- We discussed potential program impacts of 120 working days, which resulted in 7-9 months on program. This was concerning for GoldLinq.
- We mentioned an option to mitigate some of the program impact would be to commence non-BPIC related works under an Early Works Agreement – State were enthusiastic about this and keen to know how much of the program we could save through this. State suggested that this would have to cover at least 6 months works. State also advised that without an understanding on where the final price would land, an early works agreement would be difficult to gain approval. ACTION: Program analysis to confirm what non-BPIC related works could proceed (i.e. design, management plans, etc) – State keen to discuss the possibility of a 6 month early works agreement GoldlinQ advised that they should have started banking initiatives/documentation today to get FC by mid March. GoldlinQ advised that they have no money for early works as no funding in place and it was not just JH that would need early works as other 4-5 work streams would also need to come online (*not identified as such but presumably any commencement by us would need to be matched by others supplying design information or procurement activities etc)*
- We put on the table the scenario that if the State fails to get an agreed BPIC document to us in time to enable the project to proceed at a time to keep it viable, we would still need to re-assess our offer on the basis of the revised risk profile of the project. They understood the rationale here as to our concerns on this project and others in QLD and beyond. We need to determine how we would address this should we get here.
- State thanked us for the session and said it was very informative (they were taking lots of notes…)

Reading the room it appeared that the State were more keen on price impacts than program (as they must be funding this – and did not appear scared off by where we may get too). The State deferred to GoldLinq on program impacts which Phil thought were significant, however when we mentioned early works agreement – the State were very keen to explore what could be done here and cut across Phil pretty quickly.

The feeling was the State seem committed to make this work and were keen to take on the actions we required from them and receive further information from us to progress.

_____



Pathway to Financial Close and Best Practice Principles (#5855.1)

John Holland, at the request of the State and GoldlinQ, has reviewed the potential impacts of the introduction of the draft Best Practice Industry Conditions policy (TMR_DRAFT_BPIC_Document_Vs 21) to the Gold Coast Light Rail Stage 3 (GCLR3) project. As discussed at a meeting between State Government, GoldlinQ and John Holland on 12 February 2021, our initial assessment indicates that these impacts will be significant across both price and program with an order of magnitude conveyed at that time.

It was also confirmed at this meeting, that the above referenced document which forms the basis of John Holland's initial impact assessment will not be the final set of conditions placed on GCLR3. As the specific BPIC to be applied to GCLR3 is yet to be finalised, an estimation of impacts to price and program for this project by John Holland is not possible at this time.

Given the additional time required for the State to finalise the negotiation and implementation of the Best Practice Industry Conditions policy on GCLR3, John Holland encourages GoldlinQ and the State to consider an Early Works Agreement or Limited Notice to Proceed to enable the Project to meaningfully progress beyond the current tender validity period (14 March 2021).

Introduction of an Early Works Agreement

The establishment of a suitable commercial arrangement under which early works may be progressed will assist in minimising the impacts to current program durations and enable time critical works (i.e. design and associated investigative works) to progress in parallel with the BPIC impact assessment / re-price timeframe.

In order to progress an EWA or similar, John Holland's Commercial Manager, Monica Chaplin, will engage with Allens, acting on behalf of GoldlinQ and Corrs, acting on behalf of the State. This engagement will commence this week (week beginning 22 February 2021).

Whilst we will endeavour to expedite this process, there is a risk that it will not be in place by 14 March 2021. As such, all parties will need to consider how validity should be addressed in such an event.

Specific comments with respect to early works in relation to BPIC include:

1. As any subcontract works to be progressed under an early works arrangement are to be investigative in nature only (including traffic management associated with investigative works) it is not expected this would impact the future adoption of a Greenfields agreement under the D&C Contract. John Holland would need to seek legal advice to confirm this once the length of the early works is defined and that nature of anticipated works to be undertaken is confirmed.
2. John Holland expects that the potential early works subcontractors would likely be engaged on competitive market relevant conditions with pricing and program to be adjusted accordingly.

As previously discussed, we require the application of BPIC to be resolved prior to Financial Close with the relevant BPIC conditions mandated in the contract at the time of contract execution.

Best Practice Industry Conditions

The use of BPIC on GCLR3 will make this project the first in the Queensland civil infrastructure industry to adopt and implement this new State Policy. There are significant considerations that John Holland must make as a business in taking on any obligations in respect of this policy and how it impacts future work for our company including engagement of subcontractors and suppliers going forward, and our forward pipeline of work both in Queensland and Interstate (including future joint venture partners and the John Holland business nationally).

The State must ensure that any introduction of BPIC to this project does not contravene John Holland's current Building Code compliance obligations under the Federal Government's *Code for the Tendering and Performance of Building Work 2016* (Building Code). John Holland notes that, as a Code-covered entity, where Building Code obligations apply, these take precedence over any tendering or contractual requirement.

In respect of the above Building Code obligations, John Holland has identified the following as the key risks:

3. How the State intends to require John Holland to adopt the BPIC on GCLR3. Prior to implementation, the State may also need to consider any obligations under the Fair Work Act 2009 (Cth).
4. How the State intends to manage and communicate with subcontractors to adopt or apply the BPIC on GCLR3.
5. Achieving Code-compliance in the event that subcontractors and suppliers' are required to re-price their packages prior to award,

It is noted that a number of the above risks could typically be managed through the passing down of client tender documents/requirements at the commencement of the tender process (which is not an avenue available in the current circumstances).

Depending on how the State implements the BPIC in respect of the Building Code considerations detailed above, John Holland will – so far as permitted under the Building Code - undertake a reprice of the project to these conditions and finalise a new offer. This repricing exercise will take between 2 and 4 months. It is John Holland's expectation that costs associated with such re-pricing will be reimbursed.

Supply Chain Education

Supply chain education, imposition and ownership of the obligations must be the responsibility of the State and should be commenced as soon as possible. The State will need to ensure the supply chain is well informed of the State's policy expectations, how they will apply to GCLR3 and what is required to comply with these new requirements. It is not appropriate for John Holland to provide a specific list of subcontractors to the State to undertake this process. We also require the communication and education of the State's intentions to be as broad as practicable as we anticipate a number of subcontractors will withdraw from the procurement process, thus requiring John Holland to engage with new subcontractors not previously contemplated.

Expected subcontracted packages of work include (but are not limited to):

Works Package to be Subcontracted		
Rail Systems Core (BT Scope)	ITSE	MHM - Manhole Mods
Road Signage, Wayfinding & Station	Dilapidation Survey	Plant Hire
HV Traction Testing & Commissioning	Energex Feed-cable & HV&LV fitout	Crane hire
CCTV Pipe Inspection	Linemarking	Vac Track
Asphalt and Seal	Earthing & Bonding Testing	Concrete pumping
Canopy Structure	HDD Gas	Surveyor
Kerb and channel	TPIS & TPS Complete Solution	Geotechnical Testing
Landscaping	Pipe Relining - Sewer	Traffic Controllers
Extruded Barrier	Bus Shelter & misc. furniture S&I	Tree Lopping
Cable & Termination & Earthing	Manhole Mods	Road Profiling (Milling)
Electrical Auditing	Pipe Jacking Sewer	Haulage and Disposal
Stray current cabling	HDD Sewer	Profile Grinding
Fencing	Track Installation	Temporary Fencing
Building Works	Building Demolition	HDDW - HDD Water

John Holland has also provided details of proposed providers and subcontractors – previously engaged during the tender phase – within our original tender submission under R22 Contractual Structure (specifically R22.6, noting RFC 2448 issued 19 June 2020 under which John Holland confirmed Table k should be referred to throughout this response, not "i" as listed).

Proposed Timeline

For the purpose of ongoing discussions, please find below a proposed high-level timeline to progress matters noted above:

1. From 22 Feb to 14 March (approx. 3 weeks):

(a) finalise outstanding matters by all parties (to extent possible) – any remaining issues to be addressed as part of the early works arrangement;

(b) formalise early works arrangement, with pricing and programme reflecting early works commencement on 15 March with both price and programme being subject to adjustment for resolution of the outstanding matters;

(c) State to formalise BPIC requirements for repricing/programming via RFC along with resolution regarding Building Code concerns noted above;

2. From 15 March to 15 August (approx. 5 months):

(a) JH to progress early works;

(b) State to engage with supply chain on BPIC requirements/expectations for GCLR3;

(c) Following on from 2(b) above, BPIC repricing/reprogramming undertaken by JH with submission to GLQ/State on or before [15July] (or 4 months after industry consultation is complete); and

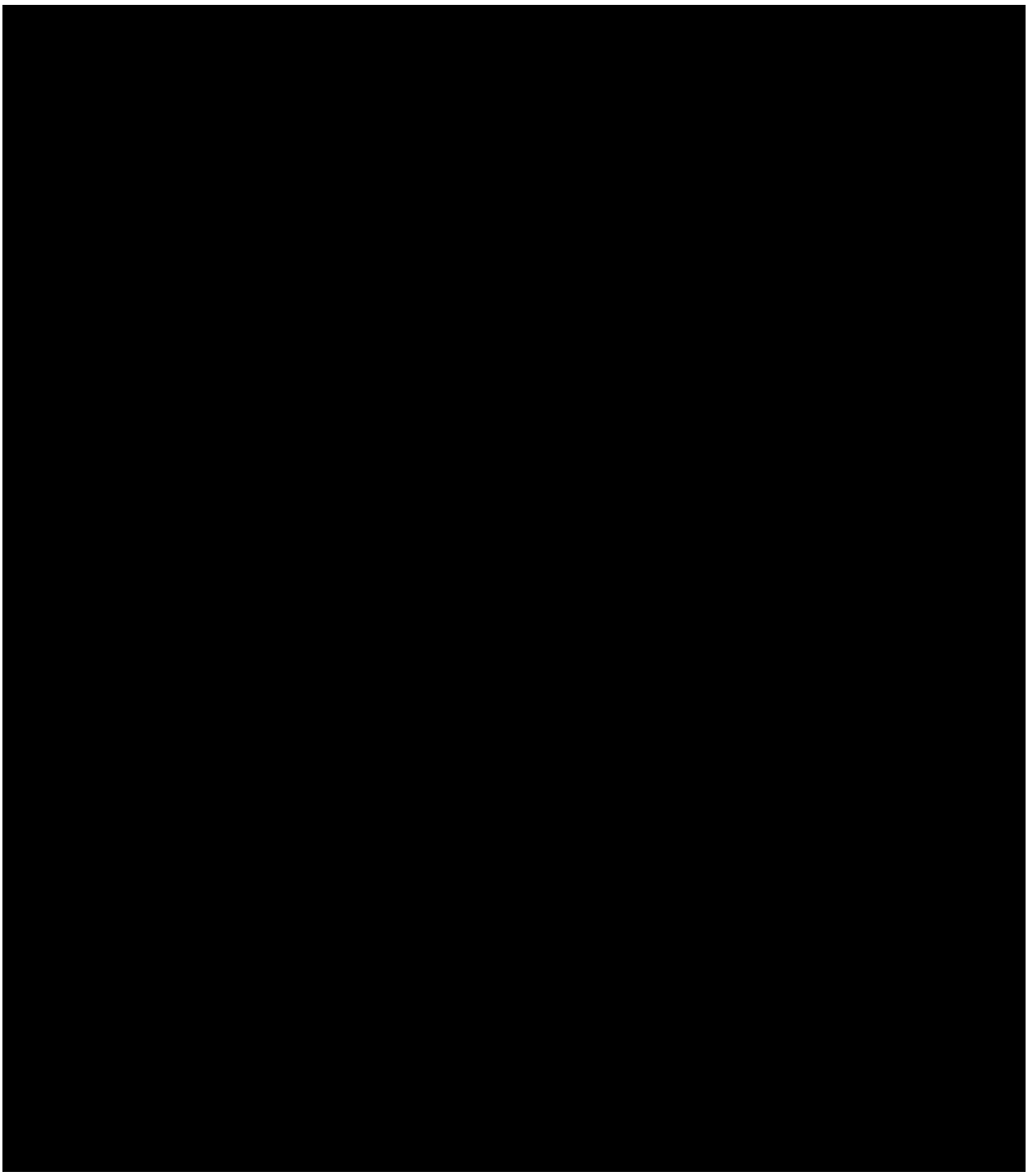
(d) Finalisation of any other outstanding matters by all parties on or before [15 July] in readiness for Financial Close.

3. 30 August 2021 – revised Financial Close sunset date.

Executive Briefing

Topic	Monthly IR Briefing
Date	19/03/2021
Author	Trent Smith

The purpose of this paper is to provide a short update on key operational IR deliverables.





Legislative / Government Policy Update

- *BPIC (Qld specific) –*

Further to last month's Paper (and additional correspondence) regarding the Qld Government's intent to introduce the Best Practice Industry Conditions (**BPIC**) into the infrastructure sector, the latest update is as follows:

- JH has met with the senior officials from Transport and Main Roads (**TMR**) tasked with implementing the BPIC, and they have confirmed the very clear directive from Government that the intent is for the BPIC to apply on all future projects, including those currently under active tender.
- It is likely that the BPIC will be implemented on other projects prior to Gold Coast Light Rail (**GCLR**), and according to TMR, discussions with CPB and Fulton Hogan are further advanced to that of JH and these discussions will be finalised prior to GCLR.

- JH is still waiting for a revised BPIC document from TMR and understand that discussions with Senior Government officials and the unions are still ongoing.
- GCLR will likely commence on an early works basis, prior to the BPIC and contract being finalised.



Union Interaction

We have seen increased CFMEU activity in Victoria, with our Victorian building projects targeted in late February. In subsequent discussions with the CFMEU is has become clear that the CFMEU are targeting JH for a Victorian regional civil agreement. It appears that JH has become their number one target as they try to secure Civil EA's across the industry.

Several competitors (Laing O'Rourke, Fulton Hogan and Acciona) are rumoured to be close to be finalising deals with the CFMEU, which will further put pressure on JH.

There are several complexities with any consideration of a CFMEU civil agreement, specifically:

- JH has in place an in term regional civil agreement, with the AWU, that does not expire until December 2022.
- A long-term relationship with the AWU in the civil sector to avoid the more costly and restrictive conditions that come with a CFMEU agreement/relationship.

In response, we have put in place the following to determine the best way forward and mitigate the associated risks:

- Development of a Working Group (consisting of key Operational, IR and HR representatives) to develop and implement a strategy for managing the CFMEU claims outlined above. Giving consideration to the many risks (and opportunities) associated with the various options available.
- Commencing discussions with Comcare / WorkSafe regarding increased assistance for our projects during any future CFMEU campaigns (WorkSafe appear to be less willing to assist contractors when subject to CFMEU activity).
- Refresher training and guidance for projects in readiness for a sustained campaign.

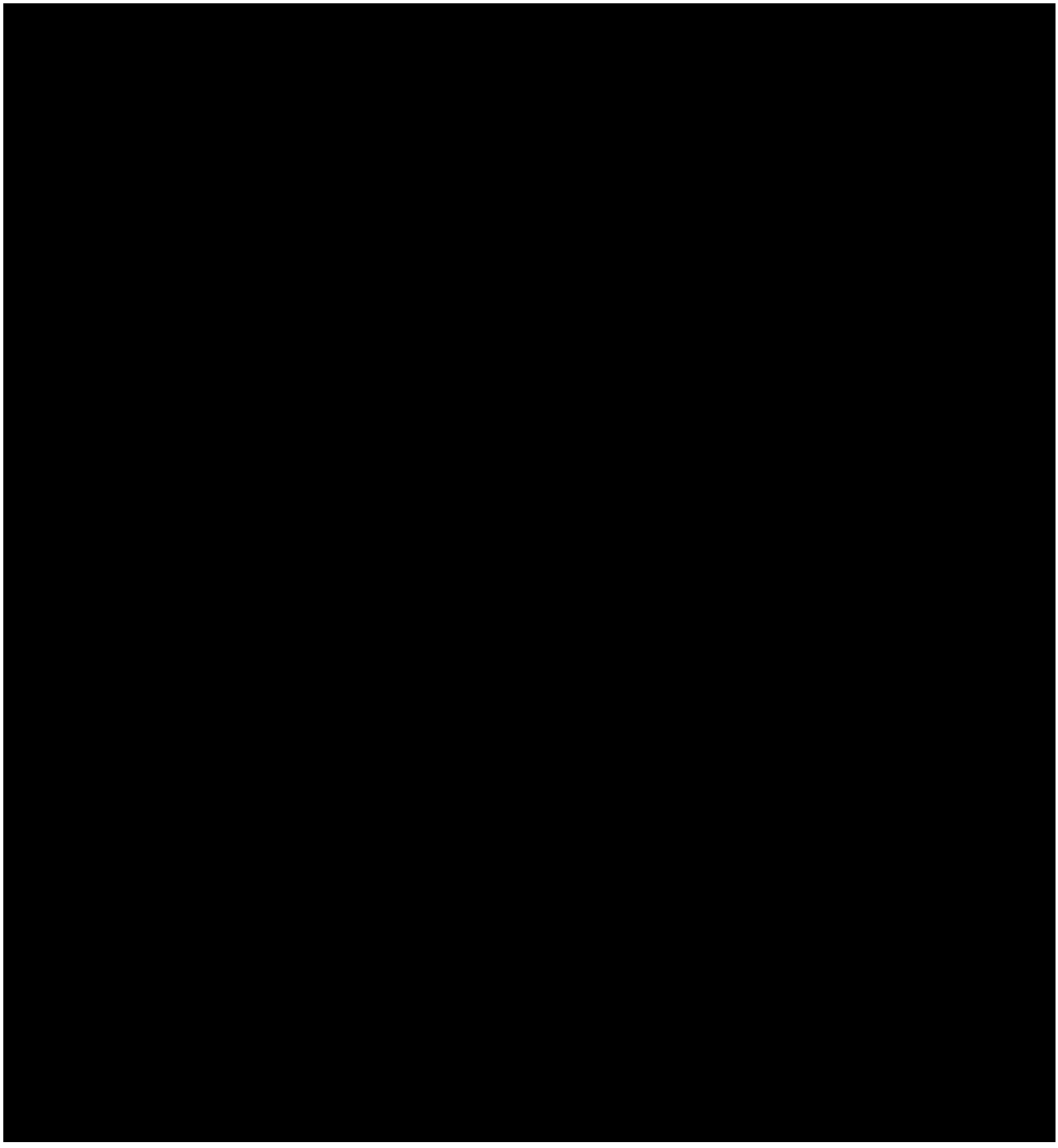
TS-19

Executive Briefing

Topic	Monthly IR Briefing
Date	23/04/2021
Author	Trent Smith

The purpose of this paper is to provide a short update on key operational IR deliverables.

Enterprise Agreements (EA)



JOHN HOLLAND

[redacted]

Litigation

- *ABCC Litigation –*
  - ABCC are still investigating the conduct of a CFMEU official at our Greenslopes Private Hospital project in October 2020, which may lead to prosecution of the official.

[redacted]

Legislative / Government Policy Update

- *BPIC (Qld specific) –*

The introduction of the Best Practice Industry Conditions (**BPIC**) remains a pressing issue in Qld. The latest update is as follows:

- JH is still waiting for a revised 'major project' BPIC document from Transport and Main Roads (**TMR**) and understand that discussions with Senior Government officials and the unions are still ongoing. Latest advice is that this document may still be a 'number of weeks away'.
- GCLR will likely commence on an early works basis, prior to the BPIC and contract being finalised, with careful consideration to be given to how the BPIC is addressed in any early works agreement.
- Feedback from industry, specifically other contractors with recently awarded projects that the Qld Government are trying to also implement BPIC, have advised that they will not be accepting the BPIC in its current form. CPB Contractors and Fulton Hogan will likely finalise their arrangements with respect to BPIC prior to GCLR contract being executed.
- TMR have advised that future contracts, commencing with the Centenary Bridge Project, will include the BPIC as part of the tender documents and assessment.

- *Federal Labor IR Policy –*

[redacted]

[redacted]

- Most concerning is the abolishing of the ABCC.

The ABCC is the construction industry regulator that plays a vital role in ensuring that unions comply with the law. In the absence of the ABCC, there will be greater ability for unions to disrupt and delay projects to ensure their industrial demands are met. This will have a significant impact on productivity in the construction industry.

Union Interaction

The increased CFMEU activity in Victoria continues, with the campaign escalating recently at the NWPA Project during their most recent occupation. It appears that JH has become their number one target as they try to secure Civil EA's across the industry, and the campaign is likely to extend to other JH projects including Building and the CYP Project. These projects will be viewed as the most likely to create leverage over JH and increase the pressure to sign the regional civil EA.

As previously communicated, there are several complexities with any consideration of a CFMEU civil agreement, specifically:

- JH has in place an in term regional civil agreement, with the AWU, that does not expire until December 2022.
- A long-term relationship with the AWU in the civil sector to avoid the more costly and restrictive conditions that come with a CFMEU agreement/relationship.

That said, it would be expected that should John Holland be successful on the North East Link (**NEL**) Project, the CFMEU (with the support of Government) will play a major role in the negotiations for project specific EA's. The CFMEU negotiation style is such that JH should expect that any project specific EA would only be signed if JH were to agree to a regional civil EA. Conversely, in the event JH was unsuccessful on NEL, there may be an opportunity to remain somewhat 'under the radar' as the union focus shifts to the rival JV. If this were the case, the JH could maintain the current strategy of primary engagement with the AWU and maintaining control of our sites.

The award of NEL will be a key development with respect to the regional IR strategy and it is recommended that we reassess the strategy at the time of award. Obviously, consideration will need to be given to the level of disruption we can withstand, particularly if the CFMEU focus shifts to Building and current major projects.

In response, we have put in place the following to determine the best way forward and mitigate the associated risks:

- Development of a Working Group (consisting of key Operational, IR and HR representatives) which have finalised a strategy paper for managing the CFMEU claims outlined above. Considering the many risks (and opportunities) associated with the various options available.
- Commencing discussions with Comcare / WorkSafe regarding increased assistance for our projects during any future CFMEU campaigns (WorkSafe appear to be less willing to assist contractors when subject to CFMEU activity).
- Potentially commence legal proceedings against the conduct of certain officials, initially in the Fair Work Commission (**FWC**), but with the ability to escalate to the Federal Court if the CFMEU ramp up their campaign.
- Further engagement with the ABCC regarding incidents of unlawful conduct. Preference will be for the ABCC to run these matters in the Federal Court (reducing legal costs for JH).
- Review of resourcing on our projects to ensure appropriate coverage during periods of increased activity (i.e. rail occupations).
- Refresher training and guidance for projects in readiness for a sustained campaign.

Queensland Government

5 July 2021

Department of
Transport and Main Roads

Gold Coast Light Rail Stage 3

Issued to: GoldlinQ

Clarification #OFiM3-103-C

Returnable 28 & 17:
Third Commitment Deed Poll, Schedule 5, paragraph 1.3: relevant information with regards to BPIC for this project

The State (Department of Transport and Main Roads (TMR)) has been assessing the submission from GoldlinQ and the preferred D&C Contractor (hereafter referred to as John Holland), for the design and construction of Stage 3 of the Gold Coast Light Rail (GCLR) project.

Unless otherwise defined, defined terms in this document shall have the meaning given to them in the Third Commitment Deed Poll – John Holland Pty Ltd dated 4 June 2021.

As part of the tender submission and the request for further clarification (our ref: #OFiM3-79-C), GoldlinQ and John Holland expressed commitments to adhere to the Queensland Government's Best Practice Principles (BPP), specifically in relation to best practice industrial relations.

For the purposes of the Queensland Government's Best Practice Principles (BPP) and when applying the 'best practice industrial relations' principles, Best Practice Industry Conditions also need to be considered.

By way of update, subject to and in accordance with the Third Commitment Deed Poll, Schedule 5, paragraph 1.3, TMR is now in a position to provide the *Best Practice Industry*

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Conditions for Transport Civil Construction Projects – Gold Coast Light Rail Stage 3 Project (GCLR3 BPIC) (**enclosed as Attachment A**) with regards to this project. In developing the GCLR3 BPIC relevant enterprise agreements, awards and legislation relevant to the transport civil construction industry were analysed to ensure the document at **Attachment A** reflects modern and progressive industrial practices for the civil construction industry.

In addition, TMR is committed to ensuring that GoldlinQ and John Holland work with and engage **Reputable Suppliers** on this project (enclosed as **Attachment B**). It is therefore expected that John Holland demonstrates and upholds the attributes of a Reputable Supplier including those contractors in its supply chain.

TMR is seeking a revised OF Mod proposal from GoldlinQ (which will include a Revised D&C Offer from John Holland) to resolve outstanding matters now that the terms of the GCLR3 BPIC have been finalised. Relevant information with regards to the BPIC for this Project for the purposes of Schedule 5, paragraph 1.3 of the Third D&C Commitment Deed Poll are set out below.

In seeking a revised OF Mod proposal from GoldlinQ, TMR anticipates that any revisions to the OF Mod proposal related to GCLR3 BPIC:

- are limited to the proposed enhancements to maintain a positive industrial relations environment;
- are based on detailed cost estimates (which detail specific packages/subcontracts) with baseline and revised assumptions reflecting the methodology as agreed under the Third Commitment Deed Poll;
- include (for elements within the price structure) both a fixed price and provisional cost option, together with a provisional cost contractual / administrative framework;
- can be clearly articulated and quantified in a way that provides a direct benefit to workers; and
- can be substantiated and subject to a suitably structured reporting and compliance and audit regime.

TMR notes the requirements in Schedule 5, paragraph 1.5 of the Third Commitment Deed Poll that apply to John Holland i.e. to act reasonably, in good faith and in an open and

transparent manner, to provide the required level of detail and information and to provide access to information as reasonably required will be applicable to the matters the subject of this clarification.

The GCLR3 BPIC

The GCLR3 BPIC is a guidance document that reflects the Queensland Government's standards and expectations to ensure that a workforce with optimal levels of skills and experience can be attracted and retained for project delivery and ensure that relevant stakeholders can interact in a positive, collaborative and productive way through to successful project completion.

The GCLR3 BPIC document is a guidance document and is not mandatory. The GCLR3 BPIC does not require John Holland to enter into any specific agreement or require their subcontractors to enter into any specific agreement. An enterprise agreement with the named employee organisations is not a mandatory requirement. John Holland can demonstrate the intent and outcomes of the GCLR3 BPIC in any manner it chooses to nominate. However, there is an expectation that John Holland will engage with relevant unions as identified in the GCLR3 BPIC that have an interest in the Project as part of establishing and maintaining a positive industrial relations environment for this Project.

Where a particular supplier is referred to within the GCLR3 BPIC, this entitlement or obligation relates to that supplier or any suitable equivalent that John Holland may wish to nominate.

The GCLR3 BPIC has been developed to help to ensure that the objectives of the BPP are achieved, particularly in relation to best practice industrial relations, to minimise disruption and resulting time and cost implications for the Project. The BPP is not to be implemented in a way that breaches any law. Nothing in the GCLR3 BPIC requires John Holland to make any commitment that would breach any laws, for example the *Code for the Tendering and Performance of Building Work 2016* ("the Code"). Should GoldlinQ or John Holland contend that there are any issues of such a nature with the GCLR3 BPIC or its implementation, it is expected that those matters are clearly articulated and raised early in the process (i.e. before finalising a response).

On consideration of both **Attachment A** and **Attachment B**, TMR requires further clarification to understand the impacts, if any, of GCLR3 BPIC on GoldLinQ's proposal, including price, program and other departures necessary and reasonably required to address it (for example, documentation such as plans provided as part of the tender process). In consideration of its response, John Holland should propose strategies that limit program impacts, and if possible seek to maintain the current Date for Stage 3 Completion. Where this is not possible, despite its best intentions, these program implications and their reasons should be clearly articulated.

TMR has identified the following key items of industrial relations, as part of information to be provided under, paragraph 1.5 that will also require further clarification as part of John Holland's revised D&C Offer.

Item 1 – John Holland approach to its self-performing work

GoldlinQ is requested to detail how John Holland intends to:

a) Establish and maintain a positive industrial relations environment for this project including:

i. How John Holland in using its best endeavours, intends to reflect the intent and outcomes of the GCLR3 BPIC as part of its industrial relations strategy;

ii. Given the GCLR3 BPIC what additional matters John Holland has considered above the existing industrial relations strategy to progress best practice industrial relations on this project;

iii. Whether the GCLR3 BPIC changes the approach to self-performing work, and if so, the impacts of these changes and how they will be managed;

iv. Whether a Greenfields agreement as an alternative to existing John Holland enterprise agreements has been further considered as part of the industrial relations strategy;

v. How, in consideration of the information contained in the GCLR3 BPIC, John Holland intends to clearly articulate any additional impacts in relation to both costs and schedule, and the reasons why these are considered different to the existing D&C offer;

vi. How John Holland intends to take reasonable steps to engage with all relevant stakeholders, including employee unions with an interest in the project, should a

Greenfield agreement be negotiated with a view to ensuring industrial harmony is achieved and maintained for the project;

vii. What approach will John Holland undertake in the event a proposed Greenfields agreement is negotiated that does not include all relevant unions as parties, and how it intends to maintain a positive industrial relations environment should these circumstances arise; and

viii. If John Holland intends to negotiate a Greenfields agreement, will the replacement NSW Rail and Signalling Agreements contain a 'carve out' provision similar to that contained in the Qld Civil Agreement?

Item 2 – John Holland's approach to engaging subcontractors, including industrial instruments covering subcontractors

GoldlinQ is requested to detail:

a) John Holland's commitment to engaging and using Reputable Suppliers and subcontractors;

b) What work packages John Holland intends to procure via subcontract arrangements;

c) John Holland's proposed list of subcontractors (by work package) for the project;

d) (based on John Holland's experience on other projects in Queensland that reference best practice industry conditions) which work packages and subcontractors are more likely to use their best endeavours to take the GCLR3 BPIC into account;

e) How John Holland intends to provide the GCLR3 BPIC to subcontractors in relation to this work;

f) How is it proposed that John Holland will use its best endeavours to take the GCLR3 BPIC into account when evaluating, selecting and engaging subcontractors for the project, including how it is intended that John Holland will use its best endeavours to engage subcontractors (as Reputable Suppliers) who will provide terms and conditions of employment which are consistent with modern and progressive industrial practices;

g) How John Holland intends to inform the State, should it propose to select a subcontractor that achieves a low score for best practice industrial relations;

h) In the circumstances outlined in (d) and (g), what strategies will John Holland employ in relation to pricing, to ensure that price represents actual project impacts of the implementation of best practice industrial relations;

i) If John Holland selects subcontractors that achieve a low score for best practice industrial relations including as evaluated against the GCLR3 BPIC, does John Holland consider this to be an industrial relations risk and if so, how it proposes to mitigate this industrial relations risk;

j) TMR notes the local industry / content commitments that GoldlinQ has provided as part of its current offer. TMR wishes to maintain these commitments. GoldlinQ is requested to articulate how, in the context of GCLR3 BPIC guidance material, it intends to revise its proposal whilst maintaining these commitments.

Item 3 – Assurance and Performance

GoldlinQ is requested to detail:

a) How GoldlinQ and John Holland will ensure compliance, including monitoring and reporting mechanisms in relation to Best Practice Principles and best practice industrial relations for those components that are:
   i. self-performed; and
   ii. performed by subcontractors.

b) In relation to work to be performed by subcontractors, the proposed strategies that will be undertaken by GoldlinQ and John Holland to manage issues of non-performance on any commitments made in their respective tenders in relation to the Best Practice Principles, including best practice industrial relations.

Item 4 – Other relevant matters

a) In relation to item 2, the State advises that it will undertake an interactive session at a time and place to be agreed with GoldlinQ and John Holland, that will provide:

   i. An overview of the project;

   ii. An overview of the government policies relevant to the project, specifically the Best Practice Principles, including the GCLR3 BPIC;

   iii. Information for subcontractors in the supply chain; and

iv. A forum for attendees to raise relevant queries for written response.

b) In relation to the identified work packages relevant to item 2, and to remove any doubt, the GCLR3 BPIC:

i. is not to be considered for the recently commenced early works package, including any respective best endeavours application;

ii. does not extend to (except to the extent ordinarily covered by Awards relevant to the civil construction industry) professional, administrative or incidental workers situated in a site office either for the duration of the project, periodically or on an "as needs" basis including those that visit the site but are not situated in the site office (for example but not limited to engineering, architectural and design, surveying or quantity surveying services);

iii. is not to be considered for non-contestable public utility plant (PUP) works, such as those to be undertaken by APA Gas, Energex, NBN and Telstra;

iv. is intended to be applied to materially significant on-site works only, and therefore does not include;

- off-site prefabrication of made-to-order components to form part of the project, unless it is performed on an auxiliary or holding site;
- the transportation (delivery to or removal) and supply of goods, material or equipment to and from the project;
- warranty, repair and maintenance work performed on plant and machinery utilised on the project;
- goods and services rendered on a temporary and/or intermittent basis, for example but not limited to cleaning services, general office and building maintenance, tree lopping services, geotechnical, material, soil testing or laboratory testing services.

As required under paragraph 1.4 of Schedule 5, the parties will agree a methodology within 14 days of receipt of this Clarification in relation to how the impact of the BPIC on the Project will be assessed prior to the date of Stage 3 Financial Close.

If you require additional time to answer this question, please contact Peter Papantoniou.

Answer:

Attachments:
Attachment A*: Best Practice Industry Conditions for Transport Civil Construction Projects – Gold Coast Light Rail Stage 3 Project* (GCLR3 BPIC)

Attachment B: Reputable Suppliers Definition

BEST PRACTICE INDUSTRY CONDITIONS FOR TRANSPORT

GOLD COAST LIGHT RAIL STAGE 3 PROJECT

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May 2021

Best Practice Industry Conditions for Transport Civil Construction Projects

Gold Coast Light Rail – Stage 3 (GCLR3)

The Queensland Government through the Queensland Procurement Policy is committed to maximising benefits for Queenslanders by using procurement to support local jobs and businesses to drive economic, environmental and social outcomes. This includes ensuring quality, safe workplaces for people engaged on major state government projects, through the implementation of Best Practice Principles (BPPs), in accordance with guidance issued by the Department of Energy and Public Works and the Office of Industrial Relations.

For major projects of $100 million and above and declared projects, the value for money assessment must also include application of all the following BPPs:

- workplace health and safety systems and standards
- commitment apprentices and trainees
- best practice industrial relations

The Department of Transport and Main Roads (TMR) fully supports the Queensland Government's priorities to improve matters such as employment conditions, safety and training opportunities for the transport civil construction industry and ensure the industry is, and remains sustainable, safe and progressive.

The Gold Coast Light Rail Stage 3 project (GCLR3), is the proposed next stage of the light rail system, extending 6.7 kilometres along the Gold Coast Highway from the existing Broadbeach South station to Burleigh Heads, with eight new stations, five additional light rail vehicles (LRVs), an extension to the existing depot and stabling facilities, and new light rail-bus interchanges at Burleigh Heads and Miami. GCLR3 will deliver significant transport, economic and urban renewal opportunities and will support hundreds of jobs.

Given the substantial investment by the Queensland Government and the importance of the infrastructure, TMR has developed a guidance document entitled *Best Practice Industry Conditions for Transport Civil Construction Projects - Gold Coast Light Rail Stage 3 Project* (GCLR3 BPIC). In developing the GCLR BPIC in consultation with stakeholders, relevant enterprise agreements, awards and legislation to the transport civil construction industry were analysed to ensure the guidance document reflects modern and progressive industrial practices for the civil construction industry.

The GCLR3 BPIC is a guidance document that reflects the Queensland Government's standards and expectations to ensure that a workforce with optimal levels of skills and experience can be attracted and retained for project delivery and ensure that relevant stakeholders can interact in a positive, collaborative and productive way through to successful project completion.

The GCLR3 BPIC is a guidance document and is not mandatory. John Holland can demonstrate the intent and outcomes of the GCLR3 BPIC in any manner it chooses to nominate. The GCLR3 does not require John Holland to enter into any specific agreement or require their subcontractors to enter into any specific agreement. Where a particular supplier is referred to within the GCLR3 BPIC, this entitlement or obligation relates to that supplier or any suitable equivalent that John Holland may wish to nominate.

An enterprise agreement with the named employee organisations is not a mandatory requirement. However, there is an expectation that John Holland will engage with all relevant stakeholders, including employee unions with an interest in the Project as part of establishing and maintaining a positive relevant stakeholders, industrial relations environment for this Project.

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The GCLR3 BPIC has been developed to help to ensure that the objectives of the BPP are achieved, particularly in relation to best practice industrial relations, to minimise disruption and resulting time and cost implications for the Project. The BPP is not to be implemented in a way that breaches any law. Nothing in the GCLR3 BPIC requires John Holland to make any commitment that would breach any laws, for example the *Code for the Tendering and Performance of Building Work 2016* ("the Code").

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Part A: BPIC Framework Conditions

1. Consultation

1.1 Effective consultation is essential for continuous workplace reform and such consultation can take place at any time during the term.

1.2 Consultative Committees may be set up for this purpose.

1.3 If the Employer has made a decision to introduce a major workplace change that is likely to have a Significant Effect on a number of Employees, the Employer must consult with the Employee(s) who will be affected by the decision.

1.4 As soon as practicable and prior to implementation, the Employer must discuss with the relevant Employees and/or their nominated representative/s (e.g. Union or other representative) the introduction of the change; and the effect the change is likely to have on the employees. The Employer must discuss measures to avert or mitigate the adverse effect of the change on the Employees.

1.5 For the purposes of the discussion the Employer will provide the relevant Employees and/or their nominated representative/s in writing:

1.5.1 all relevant information about the change including the nature of the change proposed;

1.5.2 information about the expected effects of the change on the Employees; and

1.5.3 any other matters likely to affect the Employees.

1.6 However, the Employer is not required to disclose confidential or commercially sensitive information.

1.7 The Employer must give prompt and genuine consideration to matters raised about the major change by the relevant Employees.

1.8 "Significant Effect" under clause 1.3 above includes termination of employment (including redundancy), major changes in the composition, operation or size of the Employer's workforce or in the skills required, the elimination or diminution of job opportunities, promotion opportunities or job tenure; the alteration of hours of work; the need for retraining or transfer of Employees to other work areas or locations and the restructuring of jobs.

1.9 Consultation about changes to rosters or hours of work

Where the Employer proposes to change an Employee's regular roster or ordinary hours of work, the Employer must consult with the Employee(s) affected and, if required their representative, about the proposed change.

1.10 As soon as practicable after proposing to introduce the change, the Employer must:

1.10.1 discuss with the relevant Employees the introduction of the change;

1.10.2 if requested by the Employees, and for the purposes of the discussion, provide to the relevant Employees and their representative details of the following in writing:

1.10.2.1 all relevant information about the change, including the nature of the change;

1.10.2.2 information about what the Employer reasonably believes will be the effects of the change on the Employees; and

1.10.2.3 information about any other matters that the Employer reasonably believes are likely to affect the Employees;

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1.10.3 invite the Employee(s) affected and any applicable representatives, to give their views about the impact of the proposed change (including any impact in relation to their family or caring responsibilities), and give consideration to any views about the impact of the proposed change that are given by the Employee(s) concerned and/or their Union; and

1.10.4 The requirement to consult under this clause does not apply where an Employee has irregular, sporadic or unpredictable working hours.

These provisions are to be read in conjunction with other Document or Award provisions concerning the scheduling of work and notice requirements.

2. Disputes Settlement Procedure

2.1 A major objective of this Document is to eliminate lost time and/or production arising out of disputes or grievances. Disputes over any work related or industrial matter or any matters arising out of the operation of the Document or incidental to the operation of the Document should be dealt with as close to its source as possible. Disputes over matters arising from this Document (or any other dispute related to the employment relationship or the NES, including subsections 65(5) or 76(4) of the *Fair Work Act*) shall be dealt with according to the following procedure.

2.2 The pre-dispute status quo shall prevail while the matter is being dealt with in accordance with this procedure.

2.3 All Employees have the right to appoint a representative in relation to a dispute. It is the express priority of all Parties to attempt to settle a dispute at the workplace level at first instance.

2.4 In the event of any work-related grievance arising between the Employer and an Employee or Employees, the matter shall be dealt with in the following manner:

(a) The matter shall be first submitted by the Employee/s or his/her job delegate/ employee representative or other representative, to the site foreperson/supervisor or the other appropriate site representative of the Employer and if not settled, to a more senior representative of the Employer.

(b) Alternatively, the Employer may submit an issue to the Employee/s who may seek the assistance and involvement of the job delegate/employee representative or other representative.

(c) If still not resolved, there may be discussions between the relevant Union official (if requested by the employee/s), or other representative of the employee, and senior representative of the Employer.

(d) Should the matter remain unresolved, either of the parties or their representative shall refer the dispute at first instance to FWC for review. FWC may exercise conciliation and/or arbitration powers in such review.

2.5 This procedure shall be followed in good faith without unreasonable delay.

2.6 If any party fails or refuses to follow any step of this procedure the non-breaching party will not be obligated to continue through the remaining steps of the procedure and may immediately seek relief by application to FWC.

Any resolution of a dispute under this clause by the FWC will not be inconsistent with legislative obligations or any other applicable codes or regulations, including the Code

3. Contract of Employment

3.1 At the point of engagement of each Employee, the Employer must inform the person in writing whether the engagement is on a permanent or casual basis, stating by whom the Employee is employed, the job performed, the classification level, and the relevant rate of pay. Each new Employee shall upon commencement also be provided with a copy of this Document, or alternatively, access to the Document in electronic format at the discretion of the Employee.

3.2 The Employer may direct an Employee to carry out such duties as are reasonably within the limits of the Employee's skill, competence and training consistent with the Employee's classification provided that such duties do not promote deskilling.

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3.3 If an Employee is absent from work for a period for which they have or will claim workers' compensation, the Employee's contract of employment shall remain intact during the period of absence. The Employer shall continue to make contributions (and where applicable, reports of service) on behalf of the Employee to the applicable contribution funds. The Employee shall also continue to accrue all appropriate leave entitlements for the first twelve months of the Employee's absence due to the workers compensation claim.

4. Employment Security

4.1 Without limiting the Employer's right to determine its operational requirements the Employer will encourage the continuity of employment for permanent employees with the aim of ensuring that permanent employment opportunities are not eliminated or eroded in-so-far as it is reasonably practicable to do so.

4.2 The Employer recognises that in certain circumstances the use of contractors and labour hire may affect the job security of Employees covered by this Document.

4.3 The Employer is also committed to maintaining a stable and skilled workforce, having regard to the contribution that a stable and skilled up workforce has for Employee's job security. The Employer also acknowledges that use of subcontractors or supplementary labour may amount to a workplace concern on the part of Employees. The Employer will take all reasonable measures to achieve employment security for the Employees in-so-far as it is practicable to do so.

4.4 If the Employer wishes to engage subcontractors or supplementary labour to perform work which is usually performed by its own Employee's under this Document, the Employer must consider any matters raised in consultation by potentially affected Employees before making any final decision to engage subcontractors or supplementary labour.

4.5 Following consultation and subject to this clause, the decision whether to engage subcontractors or supplementary labour is a decision of the Employer alone. Any dispute as to the application of this clause will be dealt with under the dispute's settlement procedure under this Document. The Employer will ensure that all subcontractors are bona fide contractors and engage their employees on lawful terms and conditions.

5. Inclusion

First Nations People

5.1 The Employer recognises there is a significant Aboriginal and Torres Strait Islander (ATSI) population within Queensland and is committed to ensuring a significant representation of people who identify themselves as ATSI.

5.2 The Employer will ensure that all Employees receive cultural awareness training as part of the site induction process to ensure that all workers are made aware of the history and spiritual connection that Traditional Owners have with the area where the work is being performed.

5.3 A 'Welcome to Country' ceremony will be arranged with the Traditional Owners when the number of workers undertaking work on the project reach 50, as part of the Employers commitment to the principles of social, restorative justice and cultural affirmation. The Employer will also implement policies that ensure:

- access to annual leave for participation in cultural and ceremonial activities;
- skill and career development opportunities for ATSI Employees; and
- the development of retention and promotion for ATSI Employees.

Women in the Industry

5.4 Parties respect equal employment opportunity and it is recognised the demographic of the construction industry could be more diverse. To that end, the Parties support the promotion of women into the industry and shall discuss means to achieve this objective including ways to encourage and assist women to seek and maintain employment in the construction industry.

6. Casual Employment

6.1 A casual Employee is an Employee employed on an occasional basis and whose work pattern is not regular and systematic. When a person is engaged for a casual employment the Employee will be informed in writing that the

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Employee is to be employed as a casual, the job to be performed, the classification level, the actual or likely length of engagement including number of hours to be worked per week, and the relevant rate of pay.

6.2 A casual Employee shall be entitled to all of the applicable rates and conditions of employment prescribed by this Document except notice of termination (other than in accordance with clauses relating to annual leave, paid community services leave, paid personal (including carer's leave), and payment for public holidays on which no work is performed. A casual Employee is entitled to unpaid compassionate leave and carer's leave and other unpaid leave in accordance with the NES.

6.3 Except on Saturdays and Sundays, on each occasion a casual Employee is required to attend work, the Casual Employee shall be entitled to payment for a minimum of eight (8) hours work (with 0.8 of an hour on each of these days accruing toward an RDO) plus the relevant fares and travel allowance prescribed in this Document. On Saturdays and Sundays, a casual Employee is entitled to payment for a minimum of four (4) hours, plus the relevant fares and travel allowance as applicable.

6.4 A casual Employee for working ordinary time shall be paid 125% of the hourly rate prescribed for the Employee's classification.

6.5 A casual Employee required to work overtime, or weekend work shall be entitled to the relevant penalty rates prescribed in this Document:

- where the relevant penalty rate is time and a half, the Employee shall be paid 175% of the hourly rate for the Employee's classification;
- where the relevant penalty rate is double time, the Employee shall be paid 225% of the hourly rate prescribed for the Employee's classification; and
- where the relevant penalty is a public holiday, the Employee shall be paid 275% of the hourly rate prescribed for the Employee's classification.

6.6 For the purposes of clarity, the applicable contributions to CBUS/BUSS(Q)/Australian Super/Energy Super, BERT/CIRT/Protect, CIPQ/Energy Super Income Insurance/WageGuard, STQ, and BEWT/JetCo or other funds nominated herein, must be made by the Employer in respect of casual Employees. A casual Employee shall also be entitled to receive in addition to their casual rate, penalty payments for Overtime, work performed on weekends, work performed on public holidays and RDOs.

6.7 Termination of all casual engagements shall require one hour's notice by either the Employer or Employee, or the payment or forfeiture of one hour's pay, as the case may be. This clause will not reduce the entitlements of injured Employees.

7. Apprentices and Trainees

7.1 Apprentices/Trainees shall be entitled to all of the applicable rates and conditions of employment prescribed by this Document.

7.2 For clarification, in addition to the applicable rates of pay, Trainees are entitled to receive full daily travel, redundancy contributions, superannuation, welfare fund contributions and any other entitlements in accordance with this document. Such entitlements shall not be paid at rates applicable to Apprentices. Payments will be made into funds nominated in the definitions of this document.

7.3 Training arrangements for Apprentices/Trainees shall be as provided in *QIRC Order (No.B585 of 2003) Apprentices' and Trainees' Wages and Conditions (Excluding Certain Queensland Government Entities) 2003* .

7.4 Apprentices/Trainees shall be entitled to be paid the daily fares and travel allowance whilst attending training.

7.5 The Employer shall be responsible for meeting all costs associated with Apprenticeship/Traineeship training, including any student registration, tuition fee or other course costs.

7.6 During the first year of an Apprenticeship, tools to the minimum retail value of $600.00 shall be supplied by the Employer within a period of three months after the expiry of the probationary period or within a period of six months from the date of commencement of the employment, whichever first occurs.

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7.7 During the second and subsequent years (or part of a year) of apprenticeship tools to the retail value of $600.00 shall be supplied by the Employer within a period of three months from the commencement date of each such year (or part of a year) of the indentured Apprenticeship.

7.8 Where an Apprentice has entered a Competency Based Training document, the provision of tools will be on the following basis:

- during the term of Apprenticeship, an Employer shall, in respect of each level of the Apprenticeship program, supply the Apprentice with tools of trade, to a minimum retail value of $600.00;
- the supply of tools of trade for each level of the program shall be linked to the successful achievement of competencies or, where appropriate, the demonstration of approved levels of progression towards the achievement of competencies as prescribed by the relevant National Training Package or in the relevant Award;
- supply of tools will occur no later than three (3) months after the expiry of the probationary period or within a period of six (6) months from the date of commencement of the employment, whichever first occurs, and no later than three (3) months into subsequent levels of the Apprenticeship;
- apprentices employed under part-time or school-based arrangements shall be entitled to a supply of tools consistent with the requirements as outlined in clause 7.6 and clause 7.7 above.

7.9 Apprentice Training

The Employer recognises that in order to increase the efficiency and productivity of the Employer, a significant commitment to structured training and skill development is required. They also recognise the importance of the apprenticeship system to the construction industry and agree:

- if the Employer employs seven (7) or more tradespeople in any one classification it undertakes to employ an apprentice(s) or make arrangements to host an apprentice from an agreed scheme;
- the Employer is committed to ensuring that apprentices receive appropriate on the job training by experienced tradespeople and apprentice numbers are maximised, to this end the Employer will endeavour to maintain at least one apprentice to every seven (7) tradespeople; and
- if the Employer does not currently have an apprentice as provided for in paragraph (a) above, reasonable time shall be allowed to enable the Employer to comply with this clause. Further, the Parties are committed to a strong ratio of apprentices in the industry.

7.10 Apprentice Wage Rates (Construction, Electrical and Plumbing Trades)

Level	% of Base Trade Rate	Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Stage 1	55%	$28.72	$29.57	$30.46	$31.38	$32.32
Stage 2	65%	$33.94	$34.95	$36.00	$37.08	$38.19
Stage 3	80%	$41.77	$43.02	$44.31	$45.64	$47.01
Stage 4	90%	$46.99	$48.40	$49.85	$51.35	$52.88

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7.11 Apprentice Weekly Rates (Mobile Cranes)

Classification	Current	1 July 2022	1 July 2023	1 July 2024
Stage 4 Apprenticeship (90% of Over 100 tonnes and up to 200 tonnes)	$1,570.06	$1,617.16	$1,665.68	$1,715.65
Stage 4 Apprenticeship (75% of Over 100 tonnes and up to 200 tonnes)	$1,308.39	$1,347.64	$1,388.07	$1,429.71
Stage 4 Apprenticeship (60% of Over 100 tonnes and up to 200 tonnes)	$1,046.71	$1,078.11	$1,110.45	$1,143.77
Stage 4 Apprenticeship (50% of Over 100 tonnes and up to 200 tonnes)	$872.26	$898.43	$925.38	$953.14

7.12 Trainee Weekly Rates (Mobile Cranes)

TRAINEE WAGES
Persons undertaking a Traineeship will receive either the following weekly rates or remain at their existing level, whichever is the greater:

Classification	Current	1 July 2022	1 July 2023	1 July 2024
Stage 5 Traineeship (100% of Over 100 tonnes and up to 200 tonnes)	$1,744.52	$1,796.86	$1,850.76	$1,906.28
Stage 5 Traineeship (96% of Over 100 tonnes and up to 200 tonnes)	$1,674.74	$1,724.98	$1,776.73	$1,830.03
Stage 5 Traineeship (92.4% of Over 100 tonnes and up to 200 tonnes)	$1,611.93	$1,660.29	$1,710.10	$1,761.40
Stage 5 Traineeship (88% of Over 100 tonnes and up to 200 tonnes)	$1,535.17	$1,581.23	$1,628.66	$1,677.52
Stage 5 Traineeship (82% of Over 100 tonnes and up to 200 tonnes)	$1,430.50	$1,473.42	$1,517.62	$1,563.15

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8. Training Contributions

8.1 JetCo Inc's purpose is to advance the electrical trades sector through enabling innovative, needs based, leading edge solutions to training, industry leadership development, workplace health and safety, and employee engagement particularly by enabling future orientated skills and competencies development. JetCo Inc's core business objectives are:

- increasing Services Trades sector competency and professionalism;
- improving worker career opportunities and satisfaction; and
- building the sector's workforce of the future.

8.2 The Employer agrees to support JetCo Inc by contributing for each Employee, including casuals, apprentices and trainees, who is paid under the classifications set out in this Document, the weekly amount of $15.00 per week. Contributions will continue to be paid on behalf of an employee during any period of authorised leave.

Plumbing Trades Training Levy

8.3 STQ is a partnership between the CEPU (as the Plumbers Union Qld) and the Services Trades sectors of: plumbing; air conditioning and mechanical services; and fire protection.

8.4 As represented by their respective employer associations: The Master Plumbers Association Queensland; the National Fire Industry Association Queensland; and Air Conditioning and Mechanical Contractors Association Queensland.

8.5 STQ's purpose is to advance the services trades sector through enabling innovative, needs-based, leading edge solutions to training, industry leadership development, workplace health and safety, and Employee engagement particularly by enabling future orientated skills and competencies development.

8.6 STQ's core business objectives are:

- increasing Services Trades sector competency and professionalism;
- improving worker career opportunities and satisfaction; and
- building the sector's workforce of the future.

8.7 The Employer agrees to support STQ by contributing $20.00 weekly for each Employee engaged under a Plumbing, Mechanical Plumbing, Sprinkler Fitting or Pipe Trade classification, including casuals, apprentices and trainees, who is paid in accordance with this document under the classifications set out in this document.

8.8 To avoid all doubt, this amount is paid in addition to all payments set out in this Document.

8.9 Contributions will continue to be paid on behalf of an Employee during any absence of authorised leave, and during any absence of paid leave (including periods on WorkCover (for the first 12 months), CIPQ and QLeave).

8.10 Contributions shall be calculated on a weekly basis and paid monthly into the STQ Fund. Contributions for new Employees shall commence from the first day of the first full pay week of employment whether working the full week or not. Contributions for Employees on termination shall be based on a payment for any commenced week.

9. Asbestos and Silica Dust Awareness Training

9.1 The Employer agrees that, within three months of the commencement of this Document, it will schedule training (for each employee covered by this Document) in the following nationally accredited asbestos and silica dust awareness training courses:

- 10279NAT Identification and Awareness of Asbestos Containing Materials
- 10830NAT Course in Crystalline Silica Exposure Prevention

9.2 Further, the Employer agrees that it will, within three months of each new Employee commencing employment, ensure that the Employee successfully completes the abovementioned training course.

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9.3 The Employer will bear all costs associated with the provision of the training, including costs and material costs and the provision of the Employee's wages for the period of the training.

10 Hours of Work

10.1 Ordinary hours

Except as provided elsewhere in this Document, the ordinary working hours will be 36 hours per week (7.2 hours per day) worked between 6.00 a.m. and 6.00 p.m. Monday to Friday. Typically, work should not commence later than 7.00am. All time worked outside these hours shall be by consultation with the affected employees concerned and paid at overtime rates.

10.2 Start and finish times

If the Employer wishes to alter start and finish times within the spread of ordinary daily hours, the Employer will consult with the affected Employees and:

(a) provide not less than 48 hours' notice to affected Employees of the change to start and finish times; and

(b) have regard to the intention of avoiding excessive overtime.

10.3 Overtime

It is the intention of the Employer and Employees that excessive overtime will not be worked.

10.4 An Employee may refuse to work overtime in circumstances where the working of such overtime would result in the Employee working hours which are unreasonable having regard to matters including:

- any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;
- the Employee's personal circumstances including any family responsibilities;
- the notice (if any) given by the Employer of the overtime and by the Employee of his or her intention to refuse it; and
- any other relevant matter.

10.5 RDO and Weekend Work

(a) The provisions of this Document relating to RDOs will apply to work conducted under this clause.

(b) Where ordinary hours are worked on a Saturday the Employees will be paid at the rate of time and a half for the first two hours and double time thereafter; and

(c) Where the ordinary hours are worked on a Sunday the employees will be paid at the rate of double time for all hours worked (unless a higher rate is provided in accordance with this Document, for example a public holiday or during Christmas shutdown).

11 Shift Work

11.1 Shift work is a necessary feature of the Employer's operation and employees may be required to work shift work in accordance with operational needs. Shift work meaning ordinary hours worked outside or partly outside of the ordinary span of hours of at least 5 consecutive shifts may be worked to suit the operational requirements. The requirement to work shift work will only occur after consultation with the appropriate employees.

11.2 For the purposes of this clause:

(a) Afternoon shift means a shift starting at or after 10.00am and before 8.00pm;

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(b) Night shift means a shift starting at or after 8.00pm and before 6.00am; and

(c) Day work (i.e. work commencing between 6.00am and 10.00am) is not shift work.

11.3 Shift Workers will be paid the following rates for Ordinary Hours Worked:

(a) Afternoon Shift- Wage Rate plus 15% of the Wage Rate; and

(b) Night Shift - Wage Rate plus 30% of the Wage Rate.

11.4 Shift loading shall not apply to shift work performed on a Saturday or Sunday.

11.5 Where an Employee works shifts for less than five successive days, double the Wage Rate will be payable in lieu of the applicable shift loading.

11.6 All time worked by a shift worker in excess of or outside the ordinary hours (inclusive of time worked for accrual purposes), or on a shift other than a rostered shift, must be paid for at the rate of double time. Provided that this will not apply when the overtime is worked by arrangements between the employees themselves or for the purpose of effecting the customary rotation of shifts.

12 Overtime

All time worked in excess of the ordinary hours, shall be paid at time and a half for the first two hours and double time thereafter (provided that a higher penalty elsewhere in this Document does not apply).

13 Rostered Day Off

13.1 Ordinary working hours will be scheduled in a 10-day cycle, Monday to Friday inclusive, with 8 ordinary working hours worked for each of 9 days and with 0.8 of an hour on each of those days accruing toward the tenth day, which will be known as the rostered day off (RDO).

13.2 The purpose of a RDO is to ensure the Employer manages the fatigue levels of Employees on the GCLR3 Project, enabling a safe and productive worksite. In that regard:

a) Designated industry rostered days are scheduled to be taken off by an Employee for every 12 months' continuous service in accordance with the dates set out in the building industry calendar published annually.

b) An additional 13 designated GCLR3 Project rostered days will be taken off by an Employee for every 12 months of continuous service. GCLR3 Project rostered days may be scheduled based on designation/classification types to provide for a greater work life balance for employees without impacting operational continuity or productivity. Furthermore, without impacting operational continuity or productivity, GCLR3 Project rostered days may be scheduled to coincide with additional rostered days off.

13.3 Payment for RDOs will include an entitlement to the daily fares and travel allowance.

13.4 Each day of leave taken and any public holiday occurring during any cycle will be regarded as a day worked for accrual purposes.

13.5 An Employee who has not worked a complete cycle will receive pro rata accrued entitlements payable for the rostered day off.

13.6 Where an Employee has insufficient accruals for an RDO, the Employer may by agreement with the affected Employee, offset any deficiency from the Employee's annual leave entitlement.

13.7 Where the Employer wants an Employee or Employees to work on an RDO, the following process shall be followed:

(a) The Employer shall establish that there is a genuine need for the work to take place on the RDO. Examples of where work may take place include, but are not limited to, the following: jumping cranes, erecting or dismantling jump form, high-risk activity after consultation with the safety committee), or other operational circumstances that require work on that day; and

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(b) The Employer must consult with the affected Employee(s); and

(c) Provide affected Employee/s the opportunity to notify the Union using the form provided for in Appendix E, or other chosen representative/s in writing (or email) prior to the RDO that work will be performed.

13.8 The Employer is committed to providing as much notice as is reasonably practicable for a requirement to work. Wherever possible, the process outlined above will occur at least 7 calendar days prior to the RDO in question.

13.9 An Employee may refuse to work an RDO in circumstances where the working of such an RDO would result in the Employee working hours which are unreasonable having regard to matters including:

(a) any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

(b) the Employee's personal circumstances including any family responsibilities;

(c) any other relevant matter; and

(d) payment for working a scheduled RDO shall be at Saturday rates of pay, in accordance with the award in addition to the loadings listed above, employees will be provided a day in lieu for each RDO that they are required to work. Up to five (5) RDOs may be accrued under normal industry flexibilities. Accrued RDOs will be taken in the calendar year they were due or be transferred to the employee's annual leave bank in the last pay period of the calendar year provided sufficient RDO hours are retained to cover the scheduled RDOs for January of the following year.

14. Income Protection

14.1 To make up for absence without pay due to incapacitation of the Employee, the Employer will provide income protection insurance for Employees covered by this Document.

14.2 The following funds have been identified as applicable for the purposes of the provision of income protection insurance:

i. Civil construction and Services Classifications: CIPQ
ii. Electrical classifications: Energy Super
iii. Mechanical Classifications: Wageguard

14.3 The Employer shall contribute no less than $40.30 per week.

14.4 To remove any doubt, the contribution will not be paid directly to the Employee.

14.5 If the Employer does not contribute to an applicable income protection fund the amount required under clause 14.3 above in respect of each and every Employee, the Employer will pay an additional $1,500 per week on top of what benefit the policy provides and also reimburse the Employee for costs (ie medical expenses, claims management and rehabilitation expenses) incurred by the Employee, for a period of three years in the event that an Employee is unable to make a claim because of the non-payment by the Employer.

15. Redundancy Contributions

15.1 The Employer will meet all of the liabilities for Redundancy payments and further to ensure that an amount equal to the credit balance of the Employee's account in the Employee's Redundancy fund is paid to the Employee when the Employee is entitled to that payment pursuant to the terms of the Employee's Redundancy fund (as defined in this Document) an amount equal to the following:

- $77.00 per Employee effective first pay period from commencement;
- $81.00 per Employee effective first pay period July 2022;
- $85.00 per Employee effective first pay period July 2023; and
- $89.00 per Employee effective first pay period July 2024.

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15.2 In the case of contributions made to employees who have either a CERT or BERT redundancy account, the Employer must also contribute the amounts prescribed below. In the case of CFMEU and CEPU Members the payment is to be made to BEWT and in the case of ETU Members payment is to be made to JetCo an amount equal to the following:

- $10.00 per Employee effective first pay period from commencement;
- $10.00 per Employee effective first pay period July 2022;
- $10.00 per Employee effective first pay period July 2023; and
- $10.00 per Employee effective first pay period July 2024.

15.3 Apprentice contributions shall be calculated using the following percentage of the trade rate:

- 1st stage – 50%;
- 2nd stage – 60%;
- 3rd stage – 75%; and
- 4th stage – 90%.

15.4 Contributions will continue to be paid on behalf of an Employee during any absence on paid leave such as annual leave, long service leave, public holidays, sick leave and bereavement leave. The Employer shall also be required to make contributions while an Employee is absent from work and is claiming workers' compensation for a maximum period of 12 months.

15.5 Where the Employee's balance in the Employee's Redundancy fund reaches $15,000.00 or an amount that equals 10 weeks' wages, the Employee will have the option to continue to have contributions paid to their Redundancy fund. It is the Employee's option only. Where an Employee exercises (or has exercised) this option, his or her Redundancy entitlement will be deemed met for all current and future entitlements arising from the current employment engagement.

15.6 Contributions to the Employee's Redundancy fund must be made, at a minimum, on a monthly basis. Details of the Employer's contribution for each month including when contribution was made and for how much, are to be shown on the Employee's wage statement by the end of the second week of each subsequent month.

16. Superannuation

16.1 The Employer shall pay superannuation in accordance with the Superannuation Guarantee (Administration) Act 1992 (Cth) as amended from time to time but shall be no less than 9.5% of ordinary time earnings into an eligible fund as defined in this Document.

16.2 The Employer shall pay superannuation in accordance with the *Superannuation Guarantee (Administration) Act 1992 (Cth)* as amended from time to time. Superannuation for employees must be paid in accordance with the provisions of this clause. Contributions shall be no less than the amounts prescribed, except where the superannuation guarantee levy contribution rate set by Commonwealth legislation exceeds the rate set out below.

16.3 The Employer will contribute on behalf of each Employee the following amount of ordinary time earnings:

- 9.5% - effective first full pay period from commencement
- 10% - effective first full pay period July 2021
- 10.5% - effective first full pay period July 2022
- 11% - effective first full pay period July 2023

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- 11.5% - effective first full pay period July 2024

16.4 Contributions to the Employee's Superannuation fund must be made, at a minimum, on a monthly basis. Details of the Employer's contribution for each month including when contribution was made and for how much, are to be shown on the Employee's wage statement by the end of the second week of each subsequent month.

17. Security of Payments

17.1 The Employer recognises that the under, non or late payment of building industry participants for services rendered can affect the entitlements of workers and the security of their employment.

17.2 The Employer acknowledges its obligations under the *Building Industry Fairness (Security of Payment) Act 2017 (Qld)*.

17.3 The Employer will not engage in illegal or fraudulent phoenix activities for the purpose of avoiding any payment due to another building contractor or building industry participant or other creditor.

17.4 The Employer will:

- comply with all applicable laws and other requirements relating to the security of payments that are due to subcontractors;
- ensure that payments which are due and payable are made in accordance with applicable legislative requirements including the Code and are not unreasonably withheld;
- have a documented dispute settlement process in accordance with all applicable legislative requirements including the Code that details how disputes about payments will be resolved, includes a referral process to an independent adjudicator for determination if the dispute cannot be resolved between the parties and must comply with that process; and
- as far as practicable, ensure that disputes about payments are resolved in a reasonable, timely and cooperative way.

17.5 The Employer will keep records demonstrating its compliance with clause 17.4 above. The Employer will, within 7 days of receiving a written request from an Employee who has a reasonable belief of a non-compliance with clause 17.4 above, provide evidence demonstrating its compliance. Nothing in this clause requires the Employer to provide information in a manner that is inconsistent with the *Privacy Act 1988 (Cth).*

18. Time and Wages Records

18.1 Particulars of details of payment to each Employee must be included on the envelope including the payment or in a statement handed to the Employee at the time payment is made and will contain the following information:

- name of Employer;
- name of Employee;
- employee's classification;
- date of payment and period covered by wage statement;
- details of the number of ordinary hours worked;
- details of the number of overtime hours worked;
- the ordinary hourly rate and amount paid at that rate;
- the overtime hourly rates and the amounts paid at that rate;
- the gross wages paid;
- the net wages paid;
- details of any deductions made from wages;
- details of all accrued entitlements such as RDOs, personal leave, annual leave etc.; and

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- details of the Employer Superannuation contribution, including when the contribution was made and the amount details of the Employee contribution, including when contribution was made and the amount.
- Details related to Income Protection insurance

18.2 In addition, the Employer must also maintain the following time and wage records:

- the Employee's date of birth;
- date when the Employee became an Employee of the Employer, if appropriate, the date when the Employee ceased employment with the Employer;
- the Employee's tax file number;
- the Employee's Superannuation Membership number;
- daily details of work including;
    - Daily start time and finish time;
    - Time lunch and crib breaks taken;
    - Total ordinary hours worked and resulting wage;
    - Total time and a half hour worked and resulting wage;
    - Total double time hours worked and resulting wage;
- details of allowances paid;
- details and payment for RDOs, Personal and annual leave, public holidays;
- details of deductions;
- details of additions;
- total gross allowances paid per week and year to date;
- total gross wages paid per week and year to date;
- tax deducted from wages per week and year to date;
- net wages per week and year to date;
- RDO's, sick and annual leave accrued per week and year to date;
- Superannuation and Redundancy contributions paid per week and year to date; and
- Details related to Income Protection insurance

19. Union Representatives and Delegates

19.1 Where an Employee has been elected as a Union Delegate, the Employer will recognise the following rights:

(a) the right to be treated fairly and to perform their role without any discrimination in their employment;

(b) for the Union Delegate to represent an Employee where requested in relation to a grievance, dispute or a discussion with a member of the Union;

(c) the right to place information related to permitted matters in a prominent location in the workplace except that the material must not breach freedom of association, privacy and other applicable laws;

(d) the right to paid time to attend industrial tribunals and/or courts where they have been requested to do so by an Employee (which may include themselves) whom they represent in a particular dispute in their workplace;

(e) the right to paid time to assist and represent Employees who have requested them to represent them in respect of a dispute arising in their workplace;

(f) the right to represent the interests of members in their workplace to the Union, the Employer and industrial tribunals/courts;

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(g) the right to represent the interests of Employees who request their assistance in their workplace to the Employer and industrial tribunals/courts;

(h) the right for reasonable time off to attend accredited union education;

(i) the right to take reasonable leave to work with the Union; and

(j) the right to have reasonable time off to participate in the operation of the union.

20. Union Training Leave

20.1 An Employee elected as Union Delegate shall, upon application in writing to the Employer, be granted up to five days paid leave each calendar year to attend relevant Union Delegate courses. Such courses shall be designed and structured with the objective of promoting good industrial relations within the building and construction industry.

20.2 Consultation may take place between the parties in the furtherance of this objective.

20.3 The application for leave shall be given to the Employer in advance of the date of commencement of the course. The application for leave shall contain the following details:

(a) the name of the Union Delegate seeking the leave;

(b) the period of time for which the leave is sought (including course dates and the daily commencing and finishing times); and

(c) a general description of the content and structure of the course and the location where the course is to be conducted.

20.4 The Employer shall advise the Union Delegate within seven clear working days (Monday to Friday) of receiving the application as to whether or not the application for leave has been approved.

20.5 The time of taking leave shall be arranged so as to minimise any adverse effect on the Employer's operations. The onus shall rest with the Employer to demonstrate an inability grant leave when an eligible Union Delegate is otherwise entitled.

20.6 The Employer shall not be liable for any additional expenses associated with an Employee's attendance at a course other than the payment of ordinary time earnings for such absence. For the purpose of this clause ordinary time earnings shall be defined as the relevant classification rate including, shift work loadings where relevant.

20.7 Leave rights granted in accordance with this clause will not result in additional payment for alternative time off to the extent that the course attended coincides with a Union Delegate's RDO or with any concessional leave.

20.8 A Union Delegate on request by the Employer shall provide proof of their attendance at any course within 7 days. If an Employee fails to provide such proof, the Employer may deduct any amount already paid for attendance from the next week's pay or from any other moneys due to the Union Delegate.

20.9 Where a Union Delegate is sick during a period when leave pursuant to this clause has been granted proof of attendance at the course is not required for that period and the Employee shall receive payment if entitled under the provisions of the relevant award clause.

20.10 Leave of absence granted pursuant to this clause shall count as service for all purposes of this Document.

21. Union Delegate Facilities

21.1 The Employer shall provide an agreed shared facility for the use of the Union Delegate to perform their duties and functions as the on-site representative of the Employees. The provision of the following facilities is to ensure that the Union Delegate is able to effectively perform his/her functions in a professional and timely manner. The facilities shall include:

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21.1.1 a telephone;

21.1.2 reimbursement for an iPad equipped with mobile Internet access;

21.1.3 a table and chairs;

21.1.4 a filing cabinet;

21.1.5 air-conditioning/heating;

21.1.6 access to stationery and other administrative facilities (if available on site) use of e-mail, following consultation between the Union Delegate and Site Management; and

21.1.7 a private lockable area.

22. Wage Rates

The wage rates compensate for all special skills and/or disabilities and/or special rates, associated with the industry of the Employer prescribed in the Award, except as provided in this Document (rates are given per hour for ordinary hours of work).

Wage rates will be increased by 3% per annum during the life of the project.

For classification structures and level descriptors see Appendix B.

22.1 Construction Worker/Labourer Wage Rates

Classification	Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
CW1 (85%)	$44.37	$45.71	$47.08	$48.49	$49.95
CW2 (90%)	$46.98	$48.40	$49.85	$51.35	$52.89
CW3 (92%)	$48.03	$49.47	$50.96	$52.49	$54.06
CW4 (96%)	$50.12	$51.63	$53.17	$54.77	$56.41
CW5 (100%)	$52.21	$53.78	$55.39	$57.05	$58.76
CW6 (105%)	$54.82	$56.47	$58.16	$59.90	$61.70
CW7 (110%)	$57.43	$59.15	$60.93	$62.76	$64.64
CW8 (115%)	$60.04	$61.84	$63.70	$65.61	$67.58

22.2 Electrical Worker Wage Rates

Classification	Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Grade 2 (90%)	$46.98	$48.40	$49.85	$51.35	$52.89
Grade 3 (93%)	$48.55	$50.01	$51.51	$53.06	$54.65
Grade 4 (96%)	$50.12	$51.63	$53.17	$54.77	$56.41
Grade 5 (100%)	$52.21	$53.78	$55.39	$57.05	$58.76
Grade 6 (105%)	$54.82	$56.47	$58.16	$59.90	$61.70
Grade 7 (110%)	$57.43	$59.15	$60.93	$62.76	$64.64

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Grade 8 (115%)	$60.04	$61.84	$63.70	$65.61	$67.58

22.3 Signalling Wage Rates

Classification	Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
G5 (70%)	$36.54	$37.65	$38.78	$39.94	$41.14
G6 (80%)	$41.76	$43.02	$44.31	$45.64	$47.01
G8 (100%)	$52.21	$53.78	$55.39	$57.06	$58.77

22.4 Mechanical Worker Wage Rates

Classification	Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
MW1 (85%)	$44.37	$45.71	$47.08	$48.49	$49.95
MW2 (90%)	$46.98	$48.40	$49.85	$51.35	$52.89
MW3 (100%)	$52.21	$53.78	$55.39	$57.05	$58.76
MW4 (105%)	$54.82	$56.47	$58.16	$59.90	$61.70
MW5 (110%)	$57.43	$59.15	$60.93	$62.76	$64.64
MW6 (115%)	$60.04	$61.84	$63.70	$65.61	$67.58

22.5 Plumbing and Mechanical Services Wage Rates

Classification	Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Plumbing and Mechanical Services Sheet Metal Worker Level 1(a) (55%)	$28.71	$29.58	$30.46	$31.38	$32.32
Plumbing and Mechanical Services Sheet Metal Worker Level 1(b) (75%)	$39.15	$40.33	$41.54	$42.79	$44.07
Plumbing and Mechanical Services Worker Level 3 (100%)	$52.21	$53.78	$55.39	$57.05	$58.76
Plumbing and Mechanical Services Tradesperson Level 1 (100%)	$52.21	$53.78	$55.39	$57.05	$58.76
Plumbing and Mechanical Services Tradesperson Level 2 (105.2%)	$54.92	$56.57	$58.27	$60.02	$61.82
Plumbing and Mechanical Services –	$57.43	$59.15	$60.93	$62.76	$64.64

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Special Class Level 1 (110%)					
Plumbing and Mechanical Services – Special Class Level 2 (115%)	$60.04	$61.84	$63.70	$65.61	$67.58
Advanced Plumbing and Mechanical Services Tradesperson Level 1 (120%)	$62.65	$64.53	$66.47	$68.46	$70.52
Advanced Plumbing and Mechanical Services Tradesperson Level 2 (125%)	$65.26	$67.22	$69.24	$71.31	$73.45

22.6 Fire Sprinkler Wage Rates

Classification	Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Sprinkler Fitter Assistant (86.29%)	$45.05	$48.01	$49.45	$50.94	$52.46
Sprinkler Fitting Tradesperson Level 2 (105%)	$54.82	$56.47	$58.16	$59.90	$61.70
Sprinkler Fitting Tradesperson – Special Class Level 1 (110%)	$57.43	$59.15	$60.93	$62.76	$64.64
Sprinkler Fitting Tradesperson – Special Class Level 2 (115%)	$60.04	$61.84	$63.70	$65.61	$67.58
Advanced Sprinkler Fitting Tradesperson – Level 1	$62.65	$64.53	$66.47	$68.46	$70.52
Advanced Sprinkler Fitting Tradesperson – Level 2	$65.26	$67.22	$69.24	$71.31	$73.45

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22.7 Roofing Wage Rates

Classification	Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Roof Plumber (1st 12 months of employment only) (75%)	$39.15	$40.33	$41.54	$42.79	$44.07
Roof Plumber (80% competent to trade level) (80%)	$41.76	$43.02	$44.31	$45.64	$47.01
Roof Plumber (fully competent to trade level) (100%)	$52.21	$53.78	$55.39	$57.05	$58.76
Roof Plumber (possessing relevant Certificate III trade qual) (105.2%)	$54.92	$56.57	$58.27	$60.02	$61.82

22.8 Piling Wage Rates

Classification	Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
CW1	$42.60	$43.88	$45.20	$46.55	$47.95
CW2	$44.26	$45.59	$46.96	$48.37	$49.82
CW3	$46.11	$47.49	$48.91	$50.38	$51.89
CW4	$47.48	$48.90	$50.37	$51.88	$53.43
CW5	$49.43	$50.91	$52.44	$54.01	$55.63
CW6	$51.67	$53.22	$54.82	$56.46	$58.15
CW7	$53.92	$55.54	$57.21	$58.92	$60.69

23.9 Mobile Crane Wage Rates

Classification	Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Rigger/Dogman	$43.37	$44.67	$46.01	$47.39	$48.81
Up to 20 tonnes	$44.40	$45.73	$47.10	$48.52	$49.98
Over 20 tonnes and up to 60 tonnes	$45.80	$47.17	$48.59	$50.05	$51.55
Over 60 tonnes and up to 100 tonnes	$47.18	$48.60	$50.05	$51.55	$53.10
Over 100 tonnes and up to 200 tonnes	$48.46	$49.91	$51.41	$52.95	$54.54

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Over 200 tonnes and up to 300 tonnes	$50.91	$52.44	$54.01	$55.63	$57.30
Over 300 tonnes and up to 400 tonnes	$51.96	$53.52	$55.12	$56.78	$58.48
Over 400 tonnes and special purpose cranes	$53.34	$54.94	$56.59	$58.29	$60.04

23. Allowances

23.1 Fares and Travel Allowance

All employees shall be entitled to receive the fares and travel allowance in accordance with the relevant Award. The travel allowance shall be paid at the rates provided in the table of allowances.

Apprentices shall receive the following percentage of the amount:

- 1st Stage – 75%
- 2nd Stage – 85%
- 3rd Stage – 90%
- 4th Stage – 95%

23.2 Leading Hand Allowance

A leading hand is an Employee who is given by the Employer, or the Employer's agent, the responsibility of directing and/or supervising the work of one or more other persons. A person specifically appointed to be a leading hand, will be paid for all purposes, the leading hand allowance appropriate for the number of persons in the Employee's charge. Additionally, a leading hand will be paid at the hourly rate of the highest classification supervised or the Employee's own hourly rate, whichever is the highest. Leading Hand allowance shall be paid at the rates provided in the table of allowances.

23.3 Power Tools

Where an Employee is specifically required to supply their own power tools (maximum of three commercial quality power tools plus a lead) by the Employer, the Employer will be responsible for all consumables and tagging and will replace all stolen tools if in an Employer lock up. Where the Employer requires the Employee to lend a power tool to another Employee, the Employer is deemed to have taken ownership of the tool and will replace the tool with a new tool of the same brand and model or an agreed alternative. Power tools allowance shall be paid at the rates provided in the table of allowances.

23.4 Tradesperson Allowance

An Employee engaged as a Tradesperson (as defined in the classifications of this Document, who possesses as a minimum qualification a trade certificate will receive an allowance. This allowance will be classified as all-purpose and is inclusive of a tool allowance. The tradesperson allowance shall be paid at the rates provided in the table of allowances.

23.5 Electrician Licence Allowance

23.5.1 Where an Employee is engaged and is working as an Electrical Tradesperson (as defined in the classifications of this Document), and where the Employee is required to hold an appropriate electrician's license, the Employee will receive an all-purpose allowance. The Electrician Licence allowance shall be paid at the rates provided in the table of allowances.

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23.5.2 For the purpose of this allowance, an appropriate Electrician's License will be a QLD Electrician's License, or authorised license recognition from the QLD Department of Fair Trading.

23.6 Qualified Technical Person Allowance

23.6.1 Any Electrical Mechanic who holds the qualifications eligible to be granted an Electrical Contractors' Licence, may be named as a QTP to an electrical contracting company.

23.6.2 The QTP who is required to fulfil the role of endorsee to the electrical contracting company and sign the appropriate paperwork, will be paid the weekly all-purpose allowance, detailed in the table of allowances.

23.6.3 The Employer will support the QTP in meeting their obligations under the *Electrical Safety Act.* The QTP's role will include but not be limited to:

- Investigations of any near miss or incident involving electricity.
- Conduct random inspections of tradesman's work and oversee new tradesman work when they begin
- Be involved with review and implementation of new testing and commissioning procedures and any other procedure that involves electricity.
- Setting up safe systems of work.

23.7 Statutory Authorities Allowance

Any employee engaged in a plumbing, mechanical plumbing, sprinkler fitting or pipe trade classification, who is required to act on a licence issued by an appropriate state authority, will be paid an additional amount per week, detailed in the table of allowances, for each week of their employment, regardless of whether or not they have in fact acted on such licence(s) during that particular week. 'Acting on one's licence' means signing notices and assuming responsibility to relevant authorities. The Employer will commence paying this allowance as soon as the Employee begins performing work which they are authorised by their license(s) to perform.

23.8 Plumbing, Fire and Pipe Trades Licence Allowance

(a) This allowance applies to employees within the classifications set out in this Document.

(b) An employee who is required to act on their Plumbing, mechanical, gasfitting or Sprinkler Fitters Licence(s) issued by the appropriate state authority will receive an allowance of $1.90 per hour. This licence will be classified as all-purpose.

(c) This allowance shall be paid for each day of employment whether they have in fact acted on the allowance.

23.9 Welding Allowances

Mechanical tradespersons required to perform welding work that is tested shall be paid the allowances detailed in the table of allowances. The allowances shall be paid for all purposes.

23.9.1 Welder tested: A person who, because of the requirements of the employer, has met and remains capable of meeting a practical test, e.g. the relevant regulatory requirements for AS 1554SP.

23.9.2 Welder Special Class: A person who has passed the tests required either prior to or after commencing employment, to weld to the satisfaction of the relevant regulatory authority to the requirements of the relevant Certificates 1-9 AS 1796, or welding standards of equivalent or greater testing integrity and who is engaged on work requiring such qualification; or qualified to the relevant regulatory standard and is required to perform pressure vessel welding or pipe welding.

23.9.3 Welder Special Class – Exotic Materials: A person who has passed the tests required by the employer, and remains so qualified, and is engaged on work requiring such qualification in relation to welding either alloy pipework to ASME-B31 standard, or pressure vessels and tanks to the relevant standards, in relation to the following materials:

- Stainless Steel (304, 310, 316 and 904 grade)

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- Aluminium
- Chrome Molybdenum
- Nine per cent (9%) Ni Steel
- A333 Grade 6

23.9.4 Testing for the work associated with these allowances may be required prior to employment and during employment, to ensure that qualifications are relevant and up to date.

23.10 Certificate Allowance

An employee who is the holder of a scaffolding certificate or rigging certificate issued by the appropriate certifying authority and is required to act on that certificate whilst engaged on work requiring a certificated person is entitled to a certificate allowance. This allowance shall be paid at the rate detailed in the table of allowances.

23.11 Living Away from Home Allowance

23.11.1 Where an Employee is engaged on distant work, the Employer will supply the provision of reasonable board and lodgings, at no cost to the Employee.

23.11.2 Reasonable board and lodging means, a minimum of three adequate meals per day, and a single room (not shared) which is quiet with air conditioning/heating, suitable ventilation, comfortable and clean bedding, appropriate lighting and furnishings, an ensuite with a toilet, shower and basin both with running hot and cold water, a television and tea and coffee making facilities. All facilities must be clean and fully functioning.

23.11.3 Where reasonable board and lodging are not available, the Employer and the Employee may agree to alternative arrangements, provided that the Employee is not placed in a financial disadvantage as a result of the alternative arrangement.

23.11.4 Where an Employee is engaged on distant work, the Employer will pay the Employee, in addition to all other entitlements, a daily allowance as detailed in the table of allowances.

23.11.5 Employees rostered for distant work must be notified in writing by the Employer. The Employer will endeavour to ensure that no Employee will be required to work on distant work for more than 14 consecutive days or have less than 7 consecutive days between engagements on distant work.

23.11.6 An Employee may refuse to work in circumstances where the working would result in the Employee working hours which are unreasonable having regard to matters including:

i. any risk to Employee health and safety including the risk of fatigue i.e. excessive hours, exposure to noise, fumes, or any matter that can impair an Employee's ability to work safely and/or create a danger to Employees;

ii. the Employee's personal circumstances including any family responsibilities;

iii. the needs of the workplace or enterprise;

iv. the notice (if any) given by the Employer, and by the Employee of his or her intention to refuse it; and

v. any other relevant matter.

23.11.7 All time spent by Employees travelling to and from distant work will be paid as if worked during the time the travel is taken.

23.11.8 The living away from home allowance (per night) shall be paid at the rates provided for in the table of allowances.

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23.12 Engagement of More than One Mobile Crane

23.12.1 Where more than one mobile crane is engaged on any single lift the following additional payments shall be made:

23.12.1.1 Where two mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

- Current - $ 4.34
- From 1/7/2021 - $ 4.51
- From 1/7/2022 - $ 4.69
- From 1/7/2023 - $ 4.83
- From 1/7/2024 - $ 4.97

23.12.1.2 Where three mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

- Current - $ 8.34.
- From 1/7/2021 - $ 8.67
- From 1/7/2022 - $ 9.02
- From 1/7/2023 - $ 9.29
- From 1/7/2024 - $ 9.57

23.12.1.3 Where four mobile cranes are engaged the crane crew thereof shall be paid at the following additional amount per lift:

- Current - $ 12.82
- From 1/7/2021 - $ 13.33
- From 1/7/2022 - $ 13.86
- From 1/7/2023 - $ 14.28
- From 1/7/2024 - $ 14.71

23.12.1.4 Where more than four mobile cranes are engaged the crane crew shall be paid at the following additional amount per lift:

- Current - $ 16.94
- From 1/7/2021 - $ 17.62
- From 1/7/2022 - $ 18.32
- From 1/9/2023 - $ 18.87
- From 1/7/2024 - $ 19.44

23.13 Representative Allowances

23.13.1 Health and Safety Representative

Where an employee is elected by Employees of the Employer as an HSR and agrees to undertake the required training to fulfil the role, the Employee will be classified at the applicable level 4 minimum or at 96% for plumbing trades, or the Employee's usual classification. In addition, an HSR is entitled to an all-purpose hourly allowance of:

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Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
$2.51	$2.59	$2.66	$2.74	$2.82

23.13.2 Union Delegate

Where an employee is elected by Employees of the Employer as a Union Delegate, and the Union notifies the Employer of this election, the Employee will be classified at the applicable level 4 minimum or at 96% for plumbing trades, or the Employees usual classification. In addition, a Union Delegate is entitled to an all-purpose hourly allowance of:

Current	1 July 2021	1 July 2022	1 July 2023	1 July 2024
$2.51	$2.59	$2.66	$2.74	$2.82

For clarity, an Employee is only entitled to one all-purpose hourly representative allowance at the one time. Notwithstanding, no Union Delegate will suffer a reduction in pay as a result of the implementation of this clause.

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Table of Allowances

Allowance	Current	1 July 2021	1 July 2022	1 July2023	1 July 2024
Daily Fares and Travelling Allowance	$35.00	$36.05	$37.13	$38.25	$39.39
Travelling outside radial areas (per Km)	$0.80	$0.82	$0.84	$0.87	$0.90
Living Away from Home Allowance (per day)	$77.60	$79.93	$82.33	$84.80	$87.35
In charge of not more than 1 person – all-purpose	$0.76	$0.78	$0.80	$0.82	$0.85
In charge of 2-5 persons – all-purpose	$1.65	$1.70	$1.75	$1.80	$1.90
In charge of 6-10 persons – all-purpose	$2.10	$2.16	$2.22	$2.29	$2.35
In charge of 11 plus persons – all-purpose	$2.79	$2.88	$2.97	$3.06	$3.15
Senior First Aid	$4.15	$4.27	$4.40	$4.53	$4.67
Occupational First Aid	$6.55	$6.75	$6.95	$7.16	$7.37
Meal Allowance	$21.36	$22.00	$22.66	$23.34	$24.04
Tradesperson Allowance (hour) – all-purpose	$3.28	$3.28	$3.28	$3.28	$3.28
Electricians License (hour) – all-purpose	$1.90	$1.90	$1.90	$1.90	$1.90
Certificate allowance (hour)	$0.99	$0.99	$0.99	$0.99	$0.99
Power Tools	$0.99	$1.02	$1.05	$1.08	$1.11
Plumbing, Fire and Pipe Trade Licence Allowance (hour) – all-purpose	$1.90	$1.90	$1.90	$1.90	$1.90
Statutory Authorities (week)	$49.08	$49.08	$49.08	$49.08	$49.08
Qualified Technical Person Allowance – all-purpose	$262.50	$270.38	$278.49	$286.84	$295.45
Welder – tested – all-purpose	$1.42	$1.48	$1.52	$1.57	$1.62
Welder - Special Class – all-purpose	$2.48	$2.55	$2.63	$2.71	$2.79
Welder – Special class Exotic materials – all-purpose	$4.35	$4.48	$4.61	$4.75	$4.90
Health and Safety Representative Allowance – all-purpose	$2.51	$2.59	$2.66	$2.74	$2.82

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Union delegate Allowance – all-purpose	$2.51	$2.59	$2.66	$2.74	$2.82

24. Compliance with this Document

24.1 Complaints, queries and concerns regarding entitlements paid in relation to the Award or this Document shall be raised and resolved in accordance with the disputes procedure in this Document. Authorised industrial personnel shall be provided access to time and wage records in accordance with all legal requirements. Authorised industrial inspectors or permit holders shall be provided access to time and wages records in accordance with the *Fair Work Act 2009*.

24.2 In addition to above. the Parties recognise their ongoing legal requirement to be compliant with Australian laws and regulations.

24.3 The Employer will conduct an audit using the Audit Form to confirm compliance with:

24.3.1 Awards and workplace arrangement which have been certified, registered or otherwise approved un the relevant industrial legislation;

24.3.2 Legislative requirements such as:

- The *Fair Work Act 2009*
- Queensland Workers Compensation
- Superannuation, and
- Long Service Leave

24.4 This audit will be conducted annually and/or when there is a request by an Employee that there is a reasonable suspicion of non-compliance. The audit will be undertaken in accordance with ISO9001-2008 by an auditing company agreed between the Employer and the majority of Employees. A copy of the audit record will be provided to all Employees, and any representative nominated by the Employee.

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Appendices

Appendix A: Standard Definitions

The following definitions shall apply to this Document:

Apprentice or Trainee means an apprentice or trainee within the meaning of the *Vocational Education, Training and Employment Act 2000 (VETE Act)*. Apprenticeship and Traineeship have a corresponding meaning.

Australian Super is the nominated superannuation fund for the AMWU.

Award means the relevant industrial instrument relevant to the industry.

BERT is an acronym used for the Building Employee Redundancy Trust (ACN 82 010 917 281) (BERT Fund) as described in the Trust Deed creating the BERT Fund.

Best Practice Principles means the State of Queensland's Best practice principles: Quality, safe workplaces policy document, as amended from time to time.

BEWT is an acronym for the Building Employees Welfare Trust. The "BEWT Fund" means the fund established pursuant to a deed between B.E.R.T Pty Limited and James Kristen Peterson. "Trustee of the BEWT Fund" means B.E.R.T Pty Limited or any trustee appointed under the BERT Redundancy Trust Deed.

BUSS(Q) is an acronym for the Building Unions Superannuation Scheme (Queensland) Pty Ltd. ABN 85 571 332 201.

Casual Employee means an Employee employed on an occasional basis and whose work pattern is not regular or systematic.

CBUS is an acronym for the Construction & Building Industry Superannuation Pty Ltd. (ABN 75 493 363 262).

CIPQ means Construction Income Protection Queensland Ltd (ACN 110 841 962).

CIRT means The Contracting Industry Redundancy Trust (ABN 49 011 050 329).

Code means the *Code for the Tendering and Performance of Building Work 2016.*

Competency Based Training means a method of training based on occupational skills standards which are set out in units of competency within training packages and accredited courses.

Consultative Committee means a representative group who meet regularly for the purpose of reviewing work related issues.

Continuous Shift Worker means, for the purpose of the additional week of annual leave provided by the NES means an Employee engaged to work in a system of consecutive shifts throughout the 24 hours of each of at least six consecutive days without interruption (except during breakdown or meal breaks or due to unavoidable causes beyond the control of the Employer) and who is regularly rostered to work those shifts.

Day Work means work commencing between 6.00 am and 10.00am, Monday to Friday.

Double time and a half means one and a half days wages in addition to the Employee's ordinary time rate of pay or pro rata if there is more or less than a day.

Employee means an employee of the Employer.

Employer means the company that employs workers who are engaged in civil construction works within the State of Queensland for which classifications are prescribed by this Document.

Energy Super means Electricity Supply Industry Superannuation (Qld) Ltd (ABN 30 069 634 439, AFSL 336567).

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FW Act means the *Fair Work Act 2009 (Cth).*

FWC means the Fair Work Commission.

HSR means Health and Safety Representative elected to represent workers on health and safety and matters have responsibilities under the WHS Act.

Injury shall have the same definition as the *Workers' Compensation and Rehabilitation Act 2003 (Qld)* as applicable.

JetCo means the Joint Electrical Training Council, which is CRITs associated training fund.

Kept waiting for wages on pay day means all such time spent waiting, wherever the waiting is done.

Local Employee means an Employee whose normal residential home base is within reasonable travel distance to the applicable work site each day.

National Training Package means endorsed collections of reference materials that define the national standards and qualifications for recognising and assessing people's skills in specific vocations.

NES means the National Employment Standards prescribed by the *Fair Work Act 2009 (Cth).*

Non-Local Employee means an Employee who cannot reasonably travel to the applicable work site from their normal residential home base each day.

Onsite means work that does not include the following:

- The off-site prefabrication of made-to-order components to form part of any building, structure or works, unless that work is performed on an auxiliary or holding site that is separate from the primary construction site or sites.
- The transportation or supply of good to be used for any of the work mentioned above (in the BCIIP Act definition of 'building work'), directly to construction sites where that work is being or may be performed.

Overtime means any time worked in excess of or outside of the ordinary working hours as prescribed in clause 13 of this Document.

Protect is the nominated redundancy fund for the AMWU.

QIRC means Queensland Industrial Relations Commission.

QLD Workers' Compensation means a type of insurance through WorkCover Queensland that can pay the wages and medical costs of employees who have been injured in the performance of their duties.

Redundancy means a situation where an Employee ceases to be employed by the Employer, other than for reasons of serious and wilful misconduct, whereas **Redundant** has a corresponding meaning.

RDO means rostered day off.

Special Class Dogman means a dogman having no less than 12 months on the job experience in dogging tower cranes and, having obtained a 'Verification of Competency (VOC) for the particular tower crane.

Special Class Tradesperson means a tradesperson who is engaged on work which requires the use of complex, high quality trade skills and experience which are not generally exercised in normal construction work. For the purpose of this definition, complex and high-quality trade skills and experience will be deemed to be acquired by the tradesperson:

(a) Having had not less than 12 months' on-the-job experience of such skilled work, and

(b) Having, by satisfactory completion of a prescribed post trade course, or other approved course, or the achievement of knowledge and competency by other means including the on-the-job experience, as will enable the tradesperson to perform such work unsupervised where necessary and practical, to the required standard of expertise/skill.

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STQ means Service Trades Queensland.

Tradesman means an employee who possesses as a minimum qualification a trade certificate.

Traditional Owners means an indigenous person who is a member of a local descent group having certain rights and responsibilities in relation to a tract of land or area of sea.

Union Delegate means an Employee elected by Union members and a member of an employee organisation entitled to represent the industrial interests of employees employed by the Employer as required. All parties to this Document shall be notified as soon as practicable after the election of a Union Delegate.

Union Representative means a member of an employee organisation entitled to represent the industrial interests of employees.

Union means the;

- *AMWU;*
- *AWU;*
- *CEPU;*
- *CFMEU; and*
- *ETU.*

Verification of Competency (VOC) means an assessment of an employee's knowledge and skills to assist in deeming staff competent to perform a task or operate plant and/or equipment.

Wage Guard is the nominated income protection insurance provider for the AMWU.

Wage Rate means the Employee's ordinary hourly rate of pay as set out in this Document.

Welcome to Country means a ceremony that is performed by indigenous Traditional Owners for people visiting their Country.

WHS Act means the *Work Health and Safety Act 2011 (Qld)* where applicable.

Workplace Impairment Policy and Procedures means the Workplace Impairment Policy and Procedures as set out in the Impairment Policy.

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Appendix B: Classification Structure and Level Descriptions

Construction Worker/Labourer Classifications

The Civil Worker (CW) classifications will apply to Employee(s) performing work of the nature of Civil Construction who are engaged in the classifications set out below and are employed to perform the works set out in this Document.

Determination of Classification for individual Employees:

The appropriate classification level will be determined by the primary role in which a person is engaged to perform by the Employer, regardless of that person's level of skill.

i. This means that the appropriate classification level for an individual will be determined on a task rather than skill basis.

ii. Individual classification levels will only change where the primary task for which the individual is engaged changes.

Classification	Definition
CW1	New Entrant (an entry level with less than 12 months experience) General Labourer Stores Assistant
CW2	Skilled General Labourer Earthworks Trim Grade Checker Heavy Plant Spotter Concrete Gang Concrete Float Hand Paving Stringliner Store-person Yardman Chainman
CW3	Elevated Work Platform Operator with Ticket Hoist Driver Concrete Finisher Form Worker Road Roller Operator under 12T Heavy Mobile Plant Operator (0-5T) Ticketed Dogman Steel fixer Ticketed Forklift Driver Ticketed Rigger/Scaffolder Telehandler (Up to 4.5T) Hiab Operator Shotcreter Shotcrete Crew Painter
CW4	Concrete Line Pump Operator Road Roller Operator 12T and over Concrete Finisher Concrete Paving Spreader Non-certified Tradesperson WHSO
CW5	Trade Qualified Tradesperson Crane Operator (5-20T) Operators of: Tractor up to but not exceeding 48kw (65bhp), Skid Steer Excavator up to but not exceeding 48kw (65bhp), Dumper/Water Cart not exceeding 40T, Mobile Concrete Pump Boom, Forklift not exceeding 48kw, Shotcrete Placing Machine, Paver Gantry Crane Operator

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CW6	Heavy Mobile Plant Operator (>20T-60T) Operators of: Tractor 48kw up to but not exceeding 370kw, Loader-Front End and Overhead from 48kw up to but not exceeding 370kw including:960, 966, 980, Dry Batch Plant, Pug Mill, Skid Steer Tractor from 48kw, Forklift from 48kw but not exceeding 220kw, Excavator not exceeding 3cubic metres, Dumper/Water Cart over 40T but not exceeding 100T, Dozer D8 without GPS, Compactor 825 without GPS, Graders 140,143,14,16 without GPS
CW7	Heavy Mobile Plant Operator (>60-100T) Operators of: Tractor from 370kw up to but not exceeding 450kw including Scraper 651/ Dozer DION, Trimmer, Excavator from 3 cubic metres, Loader-Front End and Overhead from 370kw up to but not exceeding 450kw, Wet batch Plant, Scraper 651, Compactor 825 with GPS, Graders 140,143,14,16 with GPS, Dozer D8 with GPS Tower Crane Operator
CW8	Heavy Mobile Plant Operator (>100T) Operators of: Tractor from 450kw including Dozer D11, D10-48kw, 475, Grader with Final Trim, Scraper 637

Mobile Crane Classifications

Rigger/Dogman
Up to 20 tonnes
Over 20 tonnes and up to 60 tonnes
Over 60 tonnes and up to 100 tonnes
Over 100 tonnes and up to 200 tonnes
Over 200 tonnes and up to 300 tonnes
Over 300 tonnes and up to 400 tonnes
Over 400 tonnes and special purpose cranes

Piling Classifications

Classification	Definition
CW1	Foundation Labourer (FL1)
CW2	Foundation Labourer (FL2)
CW3	Foundation Labourer – Skilled (FLS) Foundation Operator (FO)
CW4	Senior Foundation Operator (SFO)
CW5	Junior Supervisor
CW6	Working Supervisor
CW7	Senior Supervisor

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Electrical Worker Classifications

Classification	Definition
Grade 2	An Electrical Worker Grade 2 is an employee who is engaged in assisting a tradesperson, provided that such assistance shall not include the work of a tradesperson and; (a) Without limiting the scope of the work, an employee may perform unskilled tasks as directed to the level of their training; (b) is an employee who is engaged in the clearance of vegetation in the vicinity of overhead power distribution lines.
Grade 3	An Electrical Worker Grade 3 is an employee who works under direction, may be required to perform the work of an Electrical Worker Grade 2 and; (a) without limiting the scope of the work, the employee may perform the work described below to the level of their training: (i) is engaged in store work; or (ii) is qualified and required to drive or operate the employer's machinery, plant or equipment incidental to their primary task or functions, including truck attendants; or (iii) inspects and tests fire alarm or security alarm equipment; or (iv) under the supervision of a tradesperson or electronics serviceperson; (1) installs radio, communications and related equipment including antenna; or (2) installs fire alarm or security alarm equipment; or (3) installs data and communication cabling. (b) provided that this person shall not undertake tasks requiring the skills of a tradesperson.
Grade 4	(1) An Electrical Worker Grade 4 is an employee who: (a) has worked for not less than one year in the industry, or holds the equivalent experience, and, without limiting the scope of the work, and to the level of their training, is an employee who: (i) performs scaffolding or rigging that is incidental to their primary task or functions (assisting a licensed electrical worker to perform electrical work); or (ii) is directly in charge of an electrical store and responsible for materials, ordering and purchasing; or (iii) has worked for not less than one year as an Electrical Worker Grade 3 or has the equivalent experience in the installation of electronics equipment and who, under the minimum supervision of a tradesperson or electronics serviceperson: (1) installs radio, communications and related equipment including antenna; or (2) installs fire alarm or security alarm equipment; or (3) installs, terminates and tests data, and communication cabling (iv) Inspects and tests fire alarms or security alarm equipment involving a range of responsibility beyond that of a Grade 3 Electrical Worker and works without assistance and supervision. (c) Provided that this person shall not undertake tasks requiring the skills of a tradesperson. (2) Included in this grade is the work of: (a) Purchasing Clerk/Storeperson; (b) Electronic Equipment Tester/Installer Level 2; and (c) Alarm security tester grade 2.
Grade 5	(1) An Electrical Worker Grade 5 is employed to use the skills acquired through the training specified below and is an employee who; (a) who holds a trade certificate or tradesperson's rights certificate in an electrical trade; or (b) has successfully completed an appropriate trade course or who has otherwise reached an equivalent standard of skills and knowledge in electronics; or (c) has successfully completed an appropriate instrumentation trade course; or (d) holds an appropriate electrical/refrigeration/air conditioning trade certificate; or (e) has successfully completed an appropriate trade course in linework or cable jointing or who has otherwise reached an equivalent standard of skills and knowledge. (2) Included in this grade is the work of: (a) Electrical Fitter; (b) Electrical Fitter (Instrumentation and Process Control); (c) Electrical Mechanic; (d) Alarm Security Technician Grade 1; (e) Alarm Security Tester Grade 3;

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	(f) Television/radio/electronic Serviceperson/mechanic Level 1; (g) Instrument Tradesperson Level 1; (h) Refrigeration/Air-Conditioning Tradesperson Level 1; and (i) Linesperson/Cable Jointer Level 1.
Grade 6	(1) An Electrical Worker Grade 6 is an Electrical Worker Grade 5 who in addition (a) has successfully completed (i) 33% of the qualification specified for Grade 7; or (ii) equivalent structured in-house training relevant to the employer's business or enterprise as agreed between the parties to the Document; or (b) has acquired equivalent standard of skills as defined above as agreed between the parties to the Award through other means including a minimum of one years' experience as an Electrical Worker Grade 5. (c) is employed to use the skills acquired through the training or experience specified. (2) Included in this grade is the work of: (a) Electrical Tradesperson Level 2; (b) Television/Radio/Electronic Serviceperson Level 2; (c) Instrument Tradesperson Level 2; (d) Refrigeration/Air-Conditioning Tradesperson Level 2; (e) Linesperson/Cable Jointer Level 2; and (f) Alarm/Security Technician Grade 2
Grade 7	(1) An Electrical Worker Grade 7 is an Electrical Worker Grade 5 who: (a) has successfully completed a Post Trade Certificate or has acquired the same standard of skills through other means including a minimum of 2 years' experience in the industry, (b) is employed to use the skills acquired through the training and/or experience specified. (2) Included in this grade is the work of: (a) Alarm/Security Technician Grade 3; (b) Communications Tradesperson - Special Class; (c) Electrical Linesperson - Live Line; (d) Electrician Special Class; (e) Electronic Serviceperson Grade 3; (f) Instrument Tradesperson - Complex Systems; (g) Refrigeration/Air-Conditioning Mechanic or Serviceperson Grade 3; and (h) Television/Radio/Electronic Serviceperson Grade 3.
Grade 8	(1) An Electrical Worker Grade 8 is an Electrical Worker Grade 5 who: (a) has successfully completed a Post Trade Certificate or "X%" of an Advanced Certificate or its equivalent and in addition has not less than 2 years' experience as an Electrical Worker Grade 7; and (b) is employed to use the skills acquired through the training and/or experience specified. (2) Included in this grade is the work of: (a) Electronic Tradesperson; (b) Instrumentation and Controls Tradesperson; (c) Refrigeration/Air-Conditioning Mechanic or Serviceperson Grade 4; and (d) Installation Inspector.

Signalling Classifications

Classification	Definition
G5	Entry level – various signalling labouring tasks
G6	Various labouring tasks + 2 years' experience (No certification or qualification)
G8	Signal Electrician – Qualified (Cert IV in Signalling)

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Mechanical Worker Classifications

Classification	Definition
MW1	Basic Mechanical Trades Assistant Storeperson Lagger Truck Driver (MR, HR)
MW2	Experienced Mechanical Trades Assistant Mechanical Trades Assistant-Truck Driver (MR, HR) Mechanical Trades assistant + Rigger (basic) Dogger
MW3	Mechanical Fitter Hydraulic Fitter Boilermaker Pipe Fitter Machinist Sheet Metal Worker
MW4	Sheet Metal Worker + Marker/setter out Boilermaker + Marker/setter out Boilermaker + Welder (non-certified) Mechanical Fitter - Hydraulic Mechanical Fitter - Pneumatic Mechanical Fitter - Machinist
MW5	Boilermaker + Welder (tested 1554 SP) Boilermaker - Pressure Pipe/vessels Mechanical Fitter - Pneumatic - Hydraulic Mechanical Fitter - Pressure Pipework
MW6	Boilermaker – Quality Checker Boilermaker + Pipe Fitter + Welder (AS 1796) Boilermaker + Marker/setter out + Welder Mechanical Fitter - Systems experience Boilermaker Welder - Tested to AS 1554SP or AS1796 or ASME IX

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Fire Sprinkler Services Classifications

Classification	Definition
Sprinkler Fitting Trades Assistant	Work performed by a Trades Assistant is limited to work of an 'unskilled nature'. Work of an unskilled nature means: • Organising tools; • Painting pipe; • Carrying pipe around the work site; • Laying pipe out; • Assisting in measuring up; • Concreting around pipes; • Installing penetration seals; • Assisting in fire rating; • Cleaning up; • Carrying out other labouring tasks (e.g. Digging holes, loading and unloading material and equipment); and • Picking up and delivering material and equipment to site.
Sprinkler Fitting Tradesperson Level 2	A Sprinkler Fitting Tradesperson Level 2 is a Sprinkler Fitting Tradesperson Level 1 who: has successfully completed three appropriate modules in addition to the training requirements of Sprinkler Fitting Tradesperson Level 1; or equivalent; or will have equivalent skills gained through work experience, subject to having successfully completed a skills test equivalent to the structured training requirements for this level. A Sprinkler Fitting Tradesperson Level 2 works above and beyond a Sprinkler Fitting Tradesperson Level 1 and to the level of their training. Indicative tasks which an Employee at this level may perform include: • exercises the skills attained through completion of the training prescribed for this classification; • works under general supervision either individually or in a team environment; • understands and implements quality control techniques; • provides trade guidance and assistance as part of a work team; • exercises discretion within their level of training; • has knowledge of occupational, health and safety requirements subject to the level of their training; and • reads, interprets and applies information from plans.
Sprinkler Fitting Tradesperson – Special Class Level 1	A Sprinkler Fitting Tradesperson - Special Class Level 1 is a Sprinkler Fitting Tradesperson Level 1 who has successfully completed six appropriate modules in addition to the training requirements of Sprinkler Fitting Tradesperson Level 1; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level. A Sprinkler Fitting Tradesperson - Special Class Level 1 works above and beyond a Sprinkler Fitting Tradesperson Level 2 and to the level of their training. Indicative tasks which an Employee at this level may perform include: • exercises the skills attained through completion of the training prescribed for this classification; • understands and implements quality control techniques; • provides trade guidance and assistance as part of a team; • exercises discretion within the scope of this grade; • works under limited supervision, either individually or in a team environment; and • reads, interprets and applies information from plans. The following indicative tasks which an Employee at this level may perform are subject to the Employee having the appropriate trade and post-trade training to enable the Employee to perform the particular task: • exercises precision trade skills using various materials and/ or specialized techniques; • schedules and plan work activity; • writes brief reports on work activity;

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	• has knowledge of the Australian Standards applying to their sphere of work; • recognises hazards associated with tasks in their field of work; and • exercises skills involved in the installation, repair, maintenance, testing, modifying, fault finding, design or commissioning of systems such as fire sprinkler systems, foam systems, deluge systems, CO2 systems, pumps and pump control systems, hydrants, hose reels, combined systems or explosive suppression systems.
Sprinkler Fitting Tradesperson – Special Class Level 2	A Sprinkler Fitting Tradesperson - Special Class Level 2 is a Sprinkler Fitting Tradesperson Level 1 who has successfully completed nine appropriate modules in addition to the requirements of Sprinkler Fitting Tradesperson Level 1; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level. A Sprinkler Fitting Tradesperson - Special Class Level 2 works above and beyond a Sprinkler Fitting Tradesperson - Special Class Level 1 and to the level of their training. Indicative tasks which an Employee at this level may perform include: • exercises the skills attained through completion of the training prescribed for this classification; • provides trade guidance and assistance as part of a work team; • understands and implements quality control techniques; • works under limited supervision either individually or in a team environment; and • reads, interprets and applies information from plans. The following indicative tasks which an Employee at this level may perform are subject to the Employee having the appropriate trade and post-trade training to enable the Employee to perform the particular task: • exercises high Precision Trade Skills using various materials and/ or specialised techniques. and • exercises skills involved in the installation, repair, maintenance, testing, modifying, fault finding, design or commissioning of systems such as fire sprinkler systems, foam systems, deluge systems, CO2 systems, pumps and pump control systems, hydrants, hose reels, combined systems or explosive suppressive systems.
Advanced Sprinkler Fitting Tradesperson Level 1	An Advanced Sprinkler Fitting Tradesperson Level 1 is a Sprinkler Fitting Tradesperson Level 1 who has successfully completed ten and half appropriate modules in addition to the training requirements of Sprinkler Fitting Tradesperson Level 1; or successfully completed equivalent accredited training; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level. An Advanced Sprinkler Fitting Tradesperson Level 1 works above and beyond a Sprinkler Fitting Tradesperson - Special Class Level 2 and to the level of their training. Indicative tasks which an Employee at this level may perform include: • exercises the skills attained through completion of the training prescribed for this classification; • exercises discretion within their level of training; • is able to provide trade guidance and assistance as part of a work team; • understands and implements quality control techniques; • works under limited supervision either individually or in a team environment; and • reads, interprets and applies information from plans. The following indicative tasks which an Employee at this level may perform are subject to the Employee having the appropriate trade and post-trade training to enable the Employee to perform the particular task: • exercises high Precision Trade Skills using various materials and/ or specialised techniques; and • exercises skills involved in the installation, maintenance, testing, modifying, fault finding, design or commissioning of systems such as fire sprinkler systems, foam systems, C02 systems, deluge systems, pumps and pump control systems, hydrants, hose reels, combined systems or explosive suppressive systems.

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Advanced Sprinkler Fitting Tradesperson Level 2	An Advanced Sprinkler Fitting Tradesperson Level 2 is a Sprinkler Fitting Tradesperson Level 1 who has successfully completed 12 appropriate modules in addition to the training requirements of Sprinkler Fitting Tradesperson Level 1; or successfully completed equivalent accredited training; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level. An Advanced Sprinkler Fitting Tradesperson Level 2 works above and beyond an Advanced Sprinkler Fitting Tradesperson Level 1 and to the level of their training. Indicative tasks which an Employee at this level may perform include: • undertake quality control and work organisation at a level higher than for Advanced Sprinkler Fitting Tradesperson Level 1. • provide trade guidance and assistance as part of a work team. • assist in the provision of training to Employees in conjunction with supervisors/ trainers. • perform maintenance planning and predictive maintenance work within their field of work. • prepare reports of a technical nature on specific tasks or assignments as directed; and • exercise broad discretion within the scope of this level. The following indicative tasks which an Employee at this level may perform are subject to the Employee having the appropriate trade and post-trade Training to enable the Employee to perform the particular task: • use information from plans to identify, diagnose and solve problems related to their sphere of work; • be able to identify any deviations from plans and sketches; • schedule and plan work for a team and provide brief reports on the progress and quality of the work; • exercises skills involved in the installation, maintenance, testing, modifying, fault finding, design or commissioning of systems such as fire sprinkler systems, foam systems, CO2 systems, deluge systems, pumps and pump control systems, hydrant systems, hose reels, combined systems or explosive suppressive systems; and exercising diagnostic skill in respect to various systems in fire protection

Plumbing and Mechanical Services Classifications

Classification	Definition
Plumbing and Mechanical Services Sheet Metal Worker Level 1(a)	New entrant under the age of 21
Plumbing and Mechanical Services Sheet Metal Worker Level 1(b)	New entrant over the age of 21
Plumbing and Mechanical Services Worker Level 3	A Plumbing and Mechanical Services Worker Level 3 is an employee who: • has successfully completed a Services Stream Certificate (Plumbing and Mechanical Services) Level 2 consisting of formal structured training agreed to between the parties to this document: or • has obtained equivalent skills gained through work experience subject to competency testing to the prescribed standards covering the content of the above agreed modules of training; or • is a licensed Drainer. Employees at this level perform work to the level of their training. Indicative tasks which an Employee at this level may perform include: • exercises good interpersonal communication skills; • exercises discretion within their level of training; • understands and applies quality control techniques;

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Plumbing and Mechanical Services Worker Level 3	• performs work under general supervision either individually or in a team environment; • has knowledge of the four streams within the building and construction industry and how they inter-relate; • works in a safe manner; • having been given adequate written or verbal instruction, is able to control their own schedule of work and meet objectives with general supervision; • is capable of detailed measuring techniques; • interacts with and assists Employees of other companies on site or at the workplace; and • anticipates and plans for constant changes to the work environment. The following indicative tasks which an Employee at this level may perform are subject to the Employee having completed the appropriate training to perform the particular task: • operating a laser when carrying out levelling; • reading and interpreting plans and specifications; • operating machinery and equipment; • assisting with informal on-the-job guidance to other Employees to a limited degree; and • performing work for which a Drainers license is required
Plumbing and Mechanical Services Tradesperson Level 1	A Plumbing and Mechanical Services Tradesperson Level 1 is an employee who is not a licensed drainer and who is not performing mechanical services pipe-work, but who performs work of a skilled trade nature for which registration with a recognised licensing authority is not required, although the person may not be formally trade qualified, and who is able to exercise the skill and knowledge of the relevant trade. Indicative tasks which an Employee at this level may perform include: • exercises good interpersonal and communication skills; • reads, interprets and applies information from plans; • understands and applies quality control techniques; • exercises discretion within the scope of this grade; • performs work under general supervision either individually or in a team environment; • is able to perform tasks safely and be able to identify hazards within their sphere of work; • assists with informal on-the-job guidance to a limited degree; • performs non-trade tasks incidental to their work; • has knowledge of the fields of work within the Services Stream (Plumbing and Mechanical Services) and how they relate to the other areas of the services stream; and • performs work which, while primarily involving the skills of the plumbing and mechanical services trade, is incidental or peripheral to the primary task and facilitates the completion of the whole task. Such incidental or peripheral work would not require additional formal technical training. The Plumbing and Mechanical Services Tradesperson Level 1 classification incorporates any worker working in any classification covered by the scope of this document, or the Award as it applied prior to this document, who is not: • engaged on tasks purely of an unskilled nature; • a Licensed Drainer; • a Licensed Plumber; • a Licensed Gasfitter; • a Mechanical Plumber performing any Mechanical Services pipe-work; or • holding a trade certificate level 3 in a trade within the national plumbing training packages.

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Plumbing and Mechanical Services Tradesperson Level 2	A Plumbing and Mechanical Services Tradesperson Level 2 is either a: • Plumbing and Mechanical Services Tradesperson Level 1 who has successfully completed three appropriate modules within an approved skills package in addition to the training requirements of Plumbing and Mechanical Services Tradesperson Level 1; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level; or • person who holds a trade certificate level 3 within the national plumbing training packages relevant to work being performed under this document; or • person who holds a trade certificate level 3 in Engineering – Fabrication. A Plumbing and Mechanical Services Tradesperson Level 2 works above and beyond a Plumbing and Mechanical Services tradesperson Level 1 and to the level of their training. Indicative tasks which an Employee at this level may perform include: • exercises the skills attained through completion of the training prescribed for this classification; • works under general supervision either individually or in a team environment; • understands and implements quality control techniques; • provides trade guidance and assistance as part of a work team; • exercises discretion within the scope of this grade; • has knowledge of occupational, health and safety requirements subject to the level of their training; and • reads, interprets and applies information from plans.
Plumbing and Mechanical Services – Special Class Level 1	A Plumbing and Mechanical Services Tradesperson - Special Class Level 1 works above and beyond a Plumbing and Mechanical Services Tradesperson Level 2 and to the level of their training. Indicative tasks which an Employee at this level may perform include: • exercises the skills attained through completion of the training prescribed for this classification; • understands and implements quality control techniques; • provides trade guidance and assistance as part of a team; • exercises discretion within the scope of this grade; • works under limited supervision, either individually or in a team environment; and • reads, interprets and applies information from plans. The following indicative tasks which an Employee at this level may perform are subject to the Employee having the appropriate trade and post-trade training to enable the employee to perform the particular tasks: • exercise precision trade skills using various materials and/ or specialised techniques; • schedule and plan work activity; • write brief reports on work activity; • have knowledge of the Australian Standards applying to their sphere of work; • recognise hazards associated with tasks in their field of work; and • exercise skills involved in the fabrication, assembly, installation, repair, maintenance, testing, modifying, fault finding, design or commissioning of systems such as water supply, sanitary, waste disposal and drainage, mechanical services including heating, ventilation and air conditioning, irrigation, roofing, gas fitting or gas consumer piping systems.
Plumbing and Mechanical Services – Special Class Level 2	A Plumbing and Mechanical Services Tradesperson - Special Class Level 2 is a Plumbing and Mechanical Services Tradesperson - Special Class Level 1 who has successfully completed : three appropriate modules in addition to the requirements of Plumbing and Mechanical Services Tradesperson - Special Class Level 1; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level. A Plumbing and Mechanical Services Tradesperson - Special Class Level 2 works above and beyond a Plumbing and Mechanical Services Tradesperson - Special Class Level 1 and to the level of their training. Indicative tasks which an Employee at this level may perform include:

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	• exercises the skills attained through completion of the training prescribed for this classification; • provides trade guidance and assistance as part of a work team; • understands and implements quality control techniques; • works either independently within the skill level of the Employee, or in a team environment with limited supervision; and • reads, interprets and applies information from plans. The following indicative tasks which an Employee at this level may perform are subject to the Employee having the appropriate trade and post-trade training to enable the Employee to perform the particular tasks: exercises high precision trade skills using various materials and/ or specialised techniques; and exercises skills involved in the fabrication, assembly, installation, repair, maintenance, testing, modifying, fault finding, design or commissioning of systems such as water supply, sanitary, waste disposal and drainage, mechanical services including heating, ventilation and air conditioning, irrigation, roofing, gas fitting or gas consumer piping systems.
Advanced Plumbing and Mechanical Services Tradesperson Level 1	An Advanced Plumbing and Mechanical Services Tradesperson Level 1 is a Plumbing and Mechanical Services Tradesperson - Special Class Level 2 who has who successfully completed:1.5 appropriate modules in addition to the training requirements of Plumbing and Mechanical Services Tradesperson - Special Class Level 2; or equivalent; or will have equivalent skills gained through work experience subject to having successfully completed a skills test equivalent to the structured training requirements for this level. An Advanced Plumbing and Mechanical Services Tradesperson Level 1 works above and beyond a Plumbing and Mechanical Services Tradesperson - Special Class Level 2 and to the level of their training. Indicative tasks which an Employee at this level may perform include: • exercises the skills attained through completion of the training prescribed for this classification; • exercises discretion within their level of training; • is able to provide trade guidance and assistance as part of a work team; • understands and implements quality control techniques; • works either independently within the skill level of the Employee, or in a team environment with limited supervision; and • reads, interprets and applies information from plans; • The following indicative tasks which an Employee at this level may perform are subject to the Employee having the appropriate trade and post-trade training to enable the Employee to perform the particular tasks: • exercises high precision trade skills using various materials and/ or specialised techniques; • possesses effective written and verbal skills in order to provide concise reporting and communication; and • exercises skills involved in the fabrication, assembly, installation, maintenance, testing, modifying, fault finding, design or commissioning of systems such as water supply, sanitary, waste disposal and drainage, mechanical services including heating, ventilation and air conditioning, irrigation, roofing, gas fitting or gas consumer piping systems.
Advanced Plumbing and Mechanical Services Tradesperson Level 2	An Advanced Plumbing and Mechanical Services Tradesperson Level 2 works above and beyond an Advanced Plumbing and Mechanical Services Tradesperson Level 1 and to the level of their training. Indicative tasks which an Employee at this level may perform include: • undertakes quality control and work organisation at a level higher than for an Advanced Plumbing and Mechanical Service Tradesperson Level 1; • provides trade guidance and assistance as part of a work team; • assists in the provision of training to employees in conjunction with supervisors/ trainers; • performs maintenance planning and predictive maintenance work within their field of work; • prepares reports of a technical nature on specific tasks or assignments as directed; and • exercises broad discretion within the scope of this level. The following indicative tasks which an Employee at this level may perform are subject to the Employee having the appropriate trade and post-trade training to enable the Employee to perform the particular tasks:

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	• use information from plans to identify, diagnose and solve problems related to work in a specific field; • be able to identify any deviations from plans and sketches; • schedule and plan work for a team and provide brief reports on the progress and quality of the work; • exercises skills involved in the fabrication, assembly, installation, maintenance, testing, modifying, fault finding, design or commissioning of systems such as water supply, sanitary, waste disposal and drainage, mechanical services including heating, ventilation and air conditioning, irrigation, roofing, gas fitting or consumer piping systems; and • exercises diagnostic skills in respect of various systems in plumbing and mechanical services.

Roofing Classifications

Classification	Definition
Roof Plumber Level 1	First 12 months of employment only
Roof Plumber Level 2	80% competent to trade level
Roof Plumber Level 3	Fully competent to trade level
Roof Plumber Level 4	Possessing relevant Certificate III trade qualification

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Appendix C: Additional Electrical Trade Definitions

Classification Definitions

Alarm/Security Technician Grade 1" means a tradesperson employed to carry out repairs and maintenance of alarm/control panels, detectors, pumps, fire suppression signs, bells and other associated equipment in the industry of fire-alarm servicing.

In the industry of security servicing, the tradesperson is employed in the field of intruder alarm systems, closed circuit television, video or photographic systems and any external or internal security lighting devices, performing repairs and maintenance.

"Alarm/Security Technician Grade 2" means an Alarm/Security Technician Class I who is engaged on complex or intricate circuitry or both, the performance of which requires the use of "Additional knowledge" as defined below.

Additional knowledge may be acquired through a minimum of 2 years on-the-job experience as a serviceperson, working on the company's installations and equipment.

"Alarm/Security Technician Grade 3" means an Alarm/Security Technician who:

(a) has not less than one year of experience as such and who has satisfactorily completed an appropriate electronics post trades course,

(b) has not less than 2 years' experience with the employer as such, and who possesses a thorough knowledge of the employer's company and processes and who is capable of servicing all the equipment associated with such company, and who is employed to maintain, test, modify services and/or repair complex and intricate electrical, electronic circuits or components, equipment, apparatus and/or devices used in industrial applications in the fire-alarm/security systems industry, and for which the performance of such work requires a higher skill than required by a tradesperson employed on basic service work.

"Alarm/Security Technician Grade 4" means an Alarm/Security Technician Grade 3 who is engaged in applying their knowledge and skills to the tasks of repairing, maintaining, servicing, modifying, commissioning, fault finding and diagnosing various forms of systems which are electronically controlled by complex digital and/or analogue control systems utilising integrated circuitry. The application of this skill and knowledge would require an overall understanding of the operating principles of systems and equipment on which the tradesperson is required to carry out their tasks.

To be classified as an Alarm/Security Technician Grade 4, a tradesperson must have at least 3 years on-the-job experience in electronic systems utilising integrated circuits, and in addition must have satisfactorily completed a post trades course in electronics equivalent to at least 2 years part-time study.

In addition, to be classified as an Alarm/Security Technician Grade 4, a tradesperson must be capable of:

(a) Maintaining and repairing multi-function printed circuitry using circuit diagrams and test equipment.

(b) Working under minimum supervision and technical guidance.

(c) Providing technical guidance within the scope of the work described in this definition.

(d) Preparing reports of a technical nature on specific tasks or assignments as directed and within the scope of the work described in this definition.

"Alarm/Security Tester Grade 1" means a person employed to inspect and test alarm/control panels, fire suppression equipment, detectors, signs, bells, pumps and associated equipment in the industry of fire-alarm servicing. In the industry of security servicing, the "Alarm/Security Tester" is employed to inspect and test in the fields of intruder alarm systems, closed circuit television, video or photographic systems and any external security lighting devices and associated equipment.

In addition to those duties, the "Alarm/Security Tester" is capable of preparing written reports on the conditions, suitability and requirement for the abovementioned equipment. The Tester will be able to accurately identify faults in systems and report them expeditiously as required, as well as prepare reports detailing all requirements for the testing of systems in their test run.

"Alarm/Security Tester Grade 2" means an "Alarm/Security Tester" capable of testing any electrical system including but not limited to halon, CO2, ansul, emergency lighting, evacuation systems, all fire detection and suppression systems and associated equipment. The employee with minimal supervision and assistance will be able to interchange test runs and demonstrate the operation of systems to clients, insurers and appropriate personnel.

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"Alarm/Security Tester Grade 3" means a person, or holder of industry recognised accreditation, which may be granted to persons who through industry experience, have gained the necessary skills, and are able to carry out all aspects of a Tester Grade 2 scope of work and are employed to carry out repairs and maintenance of alarm/control panels, detectors, fire suppression signs, bells and other ancillary associated equipment in the industry of fire alarm servicing, excluding authority provided power supplies or works on live side of isolating devices.

In the industry of security servicing, the person is employed in the fields of intruder alarm systems, closed circuit television, video or photographic systems and any external or internal security lighting devices, performing repairs and maintenance.

"Communications Tradesperson - Special Class" shall mean a Radio Mechanic, Electrical Fitter or an Electrical Mechanic, who is engaged on complex and/or intricate circuitry, the performance of which work requires the use of "additional knowledge" as defined.

For the purpose of this definition "additional knowledge" means knowledge in excess of that gained by the satisfactory completion of the appropriate technical college trade course which has been acquired by the tradesperson by virtue of their:

(a) having had not less than 2 years on-the-job experience as a tradesperson, working mainly on such complex and/or intricate circuitry as will enable them to perform such work unsupervised where necessary and practicable: and

(b) having, by virtue of either the satisfactory completion of an appropriate post trade course in electronics or the achievement of a comparable standard of knowledge by other means including the on-the-job experience, gained a sufficient comprehension of such complex or intricate circuitry work as will enable the tradesperson to examine, diagnose and modify systems comprising inter-connected circuits.

"Electrical Fitter" shall mean an employee who is mainly employed in the workshops manufacturing, fitting, and repairing electrical instruments, machines, and apparatus. Electrical fitting in this definition shall include armature and transformer winding, and people solely engaged in making and repairing instruments. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Licensing Board under the Electricity Act 1994 shall be recognised as proof of efficiency.

"Electrical Fitter (Instrumentation and Process Control)" means an employee who is required to make and/or modify, test, install, adjust and repair, plant instrumentation involving process control equipment including instruments incorporating mechanical, pneumatic, hydraulic, electrical and electronic functions.

The legitimate possession of the appropriate certificate issued by the Electrical Licensing Board under the Electricity Act 1994 shall be recognised as proof of efficiency.

"Electrical Labourer" shall mean an employee, not otherwise provided for in this Document, who is doing work necessary for electrical work.

"Electrical Linesperson" shall mean an employee engaged in overhead construction and maintenance work, and running, fixing, connecting, and maintaining electrical conductors outside of buildings, or an employee engaged in sapping poles, cutting chocks for arms, and fitting arms to poles while the poles are lying on the ground. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Licensing Board under the Electricity Act 1994 shall be recognised as proof of efficiency.

"Electrical Linesperson - Live Line" shall mean an Electrical Linesperson as defined in this Document who is required to carry out "Live Line Work" as prescribed in the Electricity Act 1994.

Such employee may perform "Live Line Work" while the employee remains so authorised by the State Electricity Commission of Queensland in accordance with the said Act.

"Electrical Mechanic" shall mean an employee engaged in placing or affixing or running electrical conductors of all kinds and for all purposes from the point of supply to the point of utilisation, and also in the fixing inside of buildings and vehicles of all kinds of conduits and conductors. It shall include the erecting and connecting up of dynamos, motors, and switchboards, and the connecting up of all instruments and apparatus at the point of utilisation and supply for all purposes, including power, lighting, heating, and smelting, and safe working instruments, apparatus, telephones, bells, public address systems, wireless apparatus, meter fixing, connecting of meters, and the erection, overhauling and

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repairing of storage batteries and the assembling and renewing of finished parts, and the marking out and mounting of any switchboards, and the effecting of any repairs to electrical machines and appliances when it is necessary to carry out the work on the spot, or is incidental to such necessary work. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Licensing Board under the Electricity Act 1994 shall be recognised as proof of efficiency.

"Electrical Storeperson" shall include an employee responsible for storing, receiving and issuing tools, parts and testing equipment in or in connection with an electrical, including radio and television, workshop and/or depot, but shall not include storepersons employed in any retail or wholesale establishment who receive, store or issue television, radio or electrical equipment and who are provided for in any other Agreement.

"Electrical Tradesperson's Assistant" shall mean an employee directly assisting a tradesperson.

"Electronic Equipment Tester/Installer Grade 1" means an employee engaged on the alignment, installation and testing of radio, communications and related equipment, installing fire alarms and/or security alarm equipment, or installing data and communication cabling, including the locating of faults not requiring the skills of a tradesperson.

"Electronic Equipment Tester/Installer Grade 2" means an employee who has had not less than one year at Level 1 or the equivalent experience. Provided that an Electronic Equipment Installer Level 2 shall not undertake tasks requiring the skills of a tradesperson.

"Electronic Serviceperson Grade 1" means an adult employee engaged on radio, communications and related equipment which requires the application of general trades experience gained through apprenticeship in that work.

"Electronic Serviceperson Grade 2" means an Electronic Serviceperson Grade 1 who has had not less than one year's experience as a tradesperson working in the radio communication industry.

"Electronic Serviceperson Grade 3" means an Electronic Serviceperson Grade 2 who is engaged on complex or intricate circuitry or both, the purpose of which work requires the use of "additional knowledge" as herein defined.

For the purpose of this definition "additional knowledge" means knowledge in excess of that gained by the satisfactory completion of the appropriate technical college trade course which has been acquired by the tradesperson by virtue of their:

(a) having had not less than 2 years on-the-job experience as a tradesperson working on such complex or intricate circuitry work as will enable the tradesperson to perform such work unsupervised where necessary and practicable; and

(b) having by virtue of either the satisfactory completion of a prescribed post trades course in industrial electronics, radio or communications or the achievement of a comparable standard of knowledge by other means, including the on-the-job experience gained a sufficient comprehension of such complex or intricate circuitry work as will enable the tradesperson to examine, diagnose and modify systems comprising inter-connected circuits.

"Electronic Serviceperson Grade 4" means an Electronic Serviceperson working at a level beyond that of an Electronic Serviceperson Grade 3, who is engaged in applying their knowledge and skills to the tasks of installing, repairing, maintaining, servicing, modifying, commissioning, testing, fault finding and diagnosing of various forms of machinery and equipment which are electronically controlled by complex digital and/or analogue systems utilising integrated circuitry. The application of this skill and knowledge would require an overall understanding of the operating principles of the systems and equipment, on which the tradesperson is required to carry out their tasks. To be classified as an Electronic Serviceperson, Grade 4, a tradesperson must have at least 3 years on-the-job experience as a tradesperson in electronic systems utilising integrated circuits and in addition must have satisfactorily completed a post trades course in electronics equivalent to at least 2 years part-time study.

In addition, to be classified as Electronic Serviceperson, Grade 4, a tradesperson must be capable of:

(a) Maintaining and repairing multi-function printed circuitry using diagrams and test equipment.

(b) Working under minimum supervision and technical guidance.

(c) Providing technical guidance within the scope of the work described in this definition.

(d) Preparing reports of a technical nature on specific tasks or assignments, as directed, and within the scope of the work as described in this definition.

"Electronic Serviceperson Grade 5" means an Electronic Serviceperson working at a level beyond that of an Electronic Serviceperson Grade 4, who in addition to the requirements of the Electronic Serviceperson Grade 4, must have one

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further years on-the-job experience as a tradesperson working on electronic systems, but who in addition is required to maintain and repair multi-function printed circuitry using circuit diagrams and test equipment.

To be classified as an Electronics Serviceperson, Grade 5, a tradesperson must be engaged in applying their skills and knowledge to the tasks of designing, modifying, testing and diagnosing complex electronic systems related to radio and communications equipment.

"Electronics Tradesperson" means an electrical tradesperson working at a level beyond Electrician Special Class and who is mainly engaged in applying their knowledge and skills to the tasks of installing, repairing, maintaining, servicing, modifying, commissioning, testing, fault finding and diagnosing of various forms of machinery and equipment which are electronically controlled by complex digital and/or analogue control systems utilising integrated circuitry. The application of this skill and knowledge would require an overall understanding of the operating principles of the system and equipment on which the tradesperson is required to carry out their tasks.

To be classified as an Electronics Tradesperson a tradesperson must have at least 3 years on-the-job experience as a tradesperson in electronic systems utilising integrated circuits and in addition, must have satisfactorily completed a post trades course in electronics equivalent to at least 2 years part time study.

In addition, to be classified as an electronics tradesperson a tradesperson must be required, as part of their duties, to:

(a) Maintain and repair multi-function printed circuitry of the type described in this definition using circuit diagrams and test equipment.

(b) Work under minimum supervision and technical guidance.

(c) Provide technical guidance to other tradespersons or to management within the scope of the work described in this definition; and/or

(d) Prepare reports of a technical nature on specific tasks or assignments as directed and within the scope of the work described in this definition.

"Fire-alarm Systems" means the industry and trades which are concerned with the installation, repair, modification, maintenance, testing and servicing of fire alarms, detectors, fire-suppression signs, bells and associated equipment.

"Installation Inspector" shall mean an Electrical Mechanic who is employed by an Electrical Contractor or company which is principally engaged in providing independent installation inspections and who is qualified within the terms of the Electricity Act 1994, to act as an Installation Inspector and is employed as such. An Installation Inspector must have the following qualifications:

(a) Possess a certificate of competency as an Electrical Mechanic

(b) Has successfully completed a course conducted by the Department of Employment Vocational Education and Training at a TAFE College or approved skill centre comprising the following subjects:

(i) AEL 223 - Electrical Installation Work.

(ii) AEL 226 - Electrical Practices and Responsibilities.

(iii) AEL 122 - Electrical Installation Testing.

(c) Has at least 3 years recent experience in the Electrical Contracting Industry as an Electrical Mechanic or has at least 3 years recent experience as an Installation Inspector with an Electricity Authority in Queensland.

"Instrument Tradesperson" means a tradesperson who is mainly engaged in installing, (including the installing of inter connecting instrumentation wiring, not prohibited by the Electricity Act 1994 or hydraulic or pneumatic instrumentation tubing), repairing, maintaining, and servicing industrial instruments and control systems, including instruments and systems utilising integrated circuits.

An Instrument Tradesperson will have completed an apprenticeship, the greater part of which involved industrial instrumentation, or alternatively can demonstrate a knowledge and understanding of industrial instrumentation and can apply that knowledge and understanding to the tasks assigned by their employer. The required knowledge and understanding would have been gained by undertaking a formal training course run by a State Education Department or Technical Education Department or its equivalent or by at least 12 months on the job experience as a tradesperson at instrument work

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"Instrument Tradesperson - Complex Systems" means an instrument tradesperson who is mainly engaged in installing, repairing, maintaining, servicing, testing, modifying, commissioning, calibrating and fault finding instruments which make up a complex control system which utilises some combination of electrical, electronic, mechanical, hydraulic and pneumatic principles, including work on complex digital and/or analogue control systems utilising integrated circuits.

To be classified as an Instrument Tradesperson - Complex Systems, a tradesperson will have:

(a) had a minimum of 2 years on the job experience as a tradesperson working predominantly on complex and/or intricate instruments and instrument systems, as will enable them to perform such work under minimum supervision and technical guidance; and

(b) satisfactorily completed an appropriate post trade course equivalent to at least 2 years part time study or has achieved to the satisfaction of the employer, a comparable standard of skill and knowledge by other means including in-house training or on the job experience referred to in (a)

"Instrumentation and Controls Tradesperson" means an instrument tradesperson working mainly at a level beyond that of instrument tradesperson - complex systems and who is mainly engaged in applying their skills and knowledge to installing, repairing, maintaining, servicing, testing, modifying, commissioning, calibrating and fault finding industrial instruments which make up a complex control system which utilises some combination of electrical, mechanical, hydraulic and pneumatic principles and electronic circuitry containing complex analogue and/or digital control systems utilising integrated circuitry.

The application of this skill and knowledge would require an overall understanding of the operating mode or principles of the various types of measurement and control devices on which the tradesperson is required to perform their tasks. To be classified as an Instrumentation and Controls Tradesperson, a tradesperson must have at least 3 years relevant on the job experience as a tradesperson - 12 months of which must be at the level of "Instrument Tradesperson - Complex Systems" and in addition must have satisfactorily completed a related post-trades course equivalent to at least 2 years part time study.

In addition, to be classified as an Instrumentation and Controls Tradesperson, a tradesperson must be required as part of their duties to:

(a) Maintain and repair multi-function printed circuitry of the type described in this definition using circuit diagrams and test equipment:

(b) Work under minimum supervision and technical guidance:

(c) Provide technical guidance to other tradespeople or to management within the scope of the work described in this definition; and/or

(d) Prepare reports of a technical nature on specific tasks or assignments as directed and within the scope of the work described in this definition.

“Jointer" shall mean an employee who is employed in jointing cables or sweating on lugs in connection with the installing and maintenance of underground or overhead distributing systems, and the running of feeders, mains and services up to the main fuse in consumers' premises. The legitimate possession of a certificate of competency in this particular class of work issued by the Electrical Workers and Contractors' Board under the Electricity Act 1994 shall be recognised as proof of efficiency.

"Journeyperson" shall mean an Electrical Fitter, Electrical Mechanic, electrical Jointer, Electrical Linesperson, electrician in charge, shift electrician, Radio Mechanic or television mechanic.

"Lines Clearance Operator" means an adult who is employed on the clearance of vegetation in the vicinity of overhead power distribution lines.

"Purchasing Clerk" means an employee who initiates orders for electrical materials, receives and issues materials and provides reports on the cost of materials for the preparation of tender documents and job cards.

In addition to these duties, the Purchasing Clerk may conduct sale of materials and equipment to the Public or to the Trade.

“Radio Mechanic" shall mean an employee who is mainly employed to assemble and/or repair, and/or service, and/or install, and/or test radio receivers, and/or public address systems.

"Refrigeration Mechanic or Serviceperson Grade I" means a tradesperson employed to carry out installation, repairs, and routine maintenance of domestic, commercial and industrial refrigeration and air conditioning systems.

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“Refrigeration Mechanic or Serviceperson Grade 2" means a Refrigeration Mechanic or Serviceperson Grade I who has had not less than one years’ experience as a tradesperson engaged on complex or intricate circuitry or both.

"Refrigeration Mechanic or Serviceperson Grade 3" means a Refrigeration Mechanic or Serviceperson Grade I who has had not less than 2 years’ experience as a tradesperson, and possesses a sound working knowledge of refrigeration and air conditioning, electrical control systems to enable the employee to service, diagnose faults and repair domestic, commercial and industrial refrigeration, air conditioning systems under limited technical supervision.

In addition, to be classified as a Refrigeration Mechanic Grade III, the employee must demonstrate sufficient working knowledge of electronic controls as applied to refrigeration and air conditioning systems to enable the employee to identify faulty modules.

"Refrigeration Mechanic or Serviceperson Grade 4" means Refrigeration Mechanic or Serviceperson Grade I, who has had not less than 3 years’ experience on-the-job as a tradesperson and possesses a sound working knowledge of refrigeration and air conditioning electrical and electronic systems as to enable the employee to commission, service, diagnose faults and repair domestic, commercial and industrial refrigeration and air conditioning systems.

To be classified as a Refrigeration Mechanic Grade IV, the employee must have satisfactorily completed a 2 year post trade course in Industrial Electronics.

In addition, to be classified as a Refrigeration Mechanic or Serviceperson Grade IV, a tradesperson may be required to carry out the following duties:

(a) Maintain and repair multi-function printed circuits using circuit diagrams and appropriate test equipment;

(b) Work under minimum supervision and technical guidance;

(c) Provide technical guidance within the scope of the work described in this definition; and

(d) Prepare reports of a technical nature on specific tasks or assignments as directed within the scope of the work described in this definition.

“Security Alarm Systems" means the industry and trades which are connected with the installation, maintenance, monitoring, controlling, repairing or testing of any electrical, electronic or acoustic equipment or device, or any combination thereof which includes any intruder alarm systems incorporating closed circuit television, video or photographic systems, electronic, electro-mechanic access control systems, any computer hardware systems and/or computer software including ancillary equipment or any external or internal lighting device used for any commercial, industrial, domestic or Governmental purpose.

"Television Antenna Installer/Erector" means an adult employee engaged in erecting and/or installing television and other electronic impulse transmitting and/or receiving antennae.

"Television/Radio/Electronic Equipment Serviceperson Grade I" means an adult who has completed an appropriate trades course or who has achieved an equivalent standard of skill and knowledge, and who is engaged on routine servicing work which requires no more than the application of the general trade experience gained through apprenticeship or equivalent training on-the-job.

"Television/Radio/Electronic Equipment Serviceperson Grade 2" means a Television/Radio/Electronic Equipment Serviceperson Grade I who has had not less than one years’ experience, as a tradesperson, working on visual and/or sound receiving, recording and/or reproduction devices and associated equipment and associated electronics products.

"Television/Radio/Electronic Equipment Serviceperson Grade 3" means a Television/Radio/Electronic Equipment Serviceperson Grade II who has completed an appropriate trade course which includes instruction in electronic products and who has achieved an equivalent standard of skill and knowledge through 2 years’ experience in the industry or through a special course of tuition, and is required to diagnose and rectify faults in electronics equipment and/or similar apparatus.

"Television/Radio/Electronic Equipment Serviceperson Grade 4" means a Television/Radio/Electronic Equipment Serviceperson working at a level beyond that of a Television/Radio/Electronic Serviceperson Grade III, who is engaged in applying their knowledge and skills to the tasks of installing, repairing, maintaining, servicing modifying, commissioning, testing, fault finding and diagnosis of various forms of machinery and equipment which are electronically controlled by complex digital and/or analogue systems utilising integrated circuitry. The application of this skill and knowledge would require an overall understanding of the operating principles of the systems and equipment on which the tradesperson is required to carry out their tasks.

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To be classified as a Television/Radio/Electronic Equipment Serviceperson Grade IV, a tradesperson must have at least 3 years on-the-job experience as a tradesperson in electronic systems utilising integrated circuits, and in addi tion, must have satisfactorily completed a post trades course in electronics to at least 2 years part-time study.

In addition, to be classified as a Television/Radio/Electronic Equipment Serviceperson Grade IV, a tradesperson must be capable of:

(a) Maintaining and repairing mul ti-function printed circuitry, using circuit diagrams and test equipment

(b) Working under minimum supervision and technical guidance.

(c) Providing technical guidance within the scope of the work described in the definition.

(d) Preparing reports of a technical nature on specific tasks or assignments as directed and within the scope of the work described in this definition.

"Television/Radio/Electronic Equipment Serviceperson Grade 5" means a Television/Radio/Electronic Equipment Serviceperson working at a level beyond that of a Television/Radio/Electronic Equipment Serviceperson Grade IV who, in addition to the requirements of the Television/Radio/Electronic Equipment Serviceperson Grade IV, must have one additional year on-the-job experience as a tradesperson working on electronic systems, but, who in addition, is required to maintain and repair multi-function printed circuitry using diagrams and test equipment.

To be classified as a Television/Radio/Electronic Equipment Serviceperson Class V, a tradesperson must be engaged in applying their skills and knowledge to the tasks of design, modifying, testing and diagnosis of complex electronic systems related to radio and communications equipment.

"Television Mechanic" shall mean an employee who is mainly employed to assemble and/or repair and/or service and/or test television receiving sets and/or parts.

"Truck Attendant" shall mean an employee who is part of a gang which performs electrical work and who during the course of their work, assisting electrical Journeypersons, is required as a minor part of their duties to drive vehicles under 6 tonnes used in connection with the work of the gang.

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Appendix D: Impairment Policy

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1. Principles

1.1. The health, wellbeing and safety of employees are of paramount importance to the employer, employees and their Unions. This policy is part of a broad work, health and safety (WHS) program to secure the highest level of health and safety in the workplace.

1.2. The policy adopts a WHS approach that involves identifying, assessing and controlling all workplace hazards, using the hierarchy of control, and then reviewing these controls to ensure ongoing improvements.

1.3. The focus of this policy is on the WHS risks associated with impairment and should be read in conjunction with other company policies concerning health and safety, particularly in relation to fatigue management, risk management and safe systems of work.

1.4. This policy has been compiled in a manner that is non-punitive and supportive of employees. This policy shall not be used in a discriminatory manner. Anti-Discrimination Law protects against discrimination on the basis of addiction and may also protect against discrimination on the basis of impairments caused by drug and alcohol addiction or use.

1.5. The policy and procedures adopt a peer-based intervention approach based on fairness and equity for all employees.

2. Scope

2.1. This policy will apply to all employees (including managers and supervisors), contractors and labour hire staff. The policy applies to these groups at all times when they are engaged in company business, whether on or off site and when driving company vehicles.

3. Structure

The Impairment Policy is categorised in order with the intended implementation:

3.1. Training & Awareness

(a) (Extensive research has shown training and awareness of impairment related issues provides the most effective means of behavioural change and encourages better decision making. The two types of training in accordance with this policy to do this are:

i. Workplace Impairment Training (WIT) - all workers onsite will do this training;

ii. Preliminary Impairment Assessment (PIA) - HSRs, delegates and the PC's safety staff will undertake this training.

3.2. Testing

Testing for drugs and alcohol is used to support and measure the results of the education and awareness program.

3.3. Support Services

Rehabilitation, counselling and Employee Assistance Programs. Support is strictly non- punitive and can be accessed at any time (self-identification of the need for help is strongly encouraged).

4. Objectives

4.1. The objectives of this policy are as follows:

(a) To provide a safe and healthy working environment for all workers;

(b) To work collaboratively in the implementation and co-ordination of this policy with employees, employers and their elected representatives to achieve the objectives of this policy;

(c) To eliminate and control risks which may lead to impairment affecting health and safety in the workplace;

(d) To ensure that there is a mechanism for managing impairment at work that is transparent, objective and in accordance with the purpose of this policy;

(e) To ensure that all persons are provided with adequate information and education on the health and safety issues surrounding impairment, and on the operation of this policy;

(f) To ensure that employees have access to rehabilitation, support and counselling of their choice on a voluntary basis that is independent, professional and confidential, without jeopardising their employment;

(g) To ensure confidentiality of information concerning the application of this policy to a worker is maintained.

5. Responsibilities

5.1. The employer shall:

(a) Provide a work environment that is safe and without risks to health and safety;

(b) Provide information about the testing requirements to all existing employees, contractors and labour hire staff and to all new staff at the point of induction;

(c) Ensure that this policy is implemented fairly and equitably across all sections of the workforce;

(d) Comply with the four policy implementation steps outlined below;

(e) Have adequate resources (e.g., a room that allows for confidential impairment assessments to be discussed, if necessary, suitable transport to safely remove impaired employees from the workplace to be able to meet the objectives of this policy.

5.2. Employees shall:

(a) Co-operate reasonably with the employer in the implementation of this policy;

(b) If any employee reasonably believes that any person on the site may be a health and safety risk to themselves or others, they should inform their employer and their relevant Preliminary Impairment Assessor (PIA) of this belief;

(c) Not possess, consume, or be under the influence of, alcohol or other drugs while working;

(d) Ensure that they do not work, if they believe that they may be impaired;

(e) Consult their doctor or pharmacist about possible side effects of using prescribed or over-the-counter medication;

(f) Inform their employer and their Preliminary Impairment Assessor (PIA) if they have been made aware by their treating doctor or pharmacist of possible impairment as a side effect of medication, or if they feel impaired by medication.

6. Policy Implementation Will Involve the Following Steps

6.1. PC/Employer and Union shall agree on a policy start date.

6.2. Engagement of an agreed training and rehabilitation/treatment service providers.

6.3. Provision of on-going Workplace Impairment Training (WIT) and Preliminary Impairment Assessors training (PIA). Ongoing promotion of this policy.

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6.4. A purpose of the policy and procedure is to provide protocols and procedures for workplace alcohol and other drug testing that are evidence-based, consistent with best practice, comply with relevant Australian Standards, and contribute to workplace safety and worker wellbeing.

6.5. The following drug and alcohol testing programs will be adopted:

(a) Self-testing;

(b) Random Shift testing;

(c) For-cause testing;

(d) Post-incident testing;

(e) Reasonable concern testing;

(f) Testing of Minors

6.6. Any employee who is assessed as being impaired shall be advised to contact the rehabilitation/treatment provider.

6.7. The employee will be permitted to access personal leave in the first instance and then take accrued personal leave entitlements for the period of time they are accessing the treatment provider.

6.8. With the endorsement/acceptance of the Impairment Policy the Principle Contractor (PC) will undertake to not pass the implementation and cost of drug and alcohol testing to its subcontractors.

6.9. It will also ensure compliance with this policy as follows:

(a) Subcontractors will be contractually required to comply with this procedure as a condition of contract/EBA;

(b) All direct employees of the PC as a condition of their employment must agree to adhere to the terms and conditions of the impairment policy.

Notwithstanding anything else contained in the policy, the costs of all testing contained within this policy shall be borne by the PC unless otherwise specified in this document.

7. Definition of a Worker

7.1. Anyone who carries out work for a Person Conducting a Business or Undertaking, such as:

(a) an employee (either salaried or wages);

(b) a contractor or subcontractor;

(c) an employee of a contractor or subcontractor;

(d) an employee of a labour hire company;

(e) an apprentice or trainee;

(f) a student gaining work experience;

(g) an outworker;

(h) a volunteer;

(i) a visitor to a workplace.

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8. Training

8.1. The training provider shall be the Workplace Impairment Officer or other agreed provider between the Union and the PC/employer. Impairment awareness training sessions will be delivered to all workers (including principle contractor workers), sub-contractors and labour hire workers at least once every two years.

8.2. In addition to the below training course outlines, principal contractors will be required to develop a site-specific information session to be delivered as part of the site induction outlining their Drug and Alcohol testing procedures for the site.

8.3. The below requirements will be audited on an annual basis. Requirements for an approved training provider:

(a) Must have previous experience delivering Workplace Impairment Training;

(b) Must consult with professional organisations to develop all training courses;

(c) Must be able to demonstrate a continuous improvement plan for each training course.

8.4. Trainers must have the following qualifications:

(a) Cert IV in WHS;

(b) Cert IV in Training and Assessing (TAE);

(c) Nationally Accredited Course in On-Site Drug and Alcohol Testing;

8.5. All training must be delivered Face to Face (F2F).

8.6. Workplace Impairment Training (WIT)

(a) WIT course must be a minimum of (2) hours in length and must cover the following topics:

i. Australian Workplace Health and Safety construction statistics;

ii. Overview of the Workplace Health and Safety Act, state specific;

iii. Mental Health - discussing at length stress, anxiety and depression;

iv. Fatigue - overview of causes and coping mechanisms;

v. Illness and Injury - management of illness and injury, legal requirements and rehabilitation process;

vi. Chemicals, Heat, Cold, and Noise and their abilities to cause impairment at work;

vii. Legal/Illegal Drugs and Alcohol - statistics on current usage, potential negative consequences to the workplace, workplace deaths and accidents associated with drug and alcohol use;

viii. Harm related to drug and alcohol use;

ix. Understanding what a standard drink is and how long this will stay in your system;

x. Detection rates for illegal drugs;

xi. Administering self-alcohol and drug tests;

xii. Information about EAP and the services they offer.

8.7. Preliminary Impairment Assessor (PIA)

(a) PIA training must be a minimum of (4) hours in length and must cover the following topics:

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i. Understanding the signs of impairment;

ii. Conflict resolution;

iii. Skills to conduct an impairment Assessment;

iv. Overview of what a PIA is;

v. What are possible impairment factors;

vi. Causes and symptoms of impairment;

vii. Investigative skills.

(b) Training is not to be conducted in a lunchroom, unless there are multiple lunchrooms on site and:

i. the training session will not interfere with workers wanting to use the room for smoko or lunch; or

ii. the training session will not be interfered with by workers wanting to use the room in general.

8.8. No worker can be tested for drugs and/or alcohol unless they have been trained in this policy.

9. Testing Methods

9.1. Alcohol Testing Method

Alcohol testing must only be done by use of an Accredited Breath Test device. The device must be calibrated and meet the minimum requirements of AS3547.

9.2. Drug Testing Method

(a) Drug testing may only be performed by oral fluid testing;

(b) The equipment used to perform the test shall be used, tested and calibrated to the manufacturer's instructions and certified to AS 4760 (Process for specimen collection and the detection and quantitation of drug in oral fluid);

(c) The drug testing shall be conducted by an accredited person, following all of the chain of custody provisions;

(d) The test must be performed in accordance with AS 4760 (Procedures for specimen collection and the detection and quantitation of drugs in oral fluid).

9.3. As part of this policy with regards to Drug and Alcohol testing the following substances must be tested for:

(a) Alcohol;

(b) Opiates;

(c) THC;

(d) Cocaine;

(e) Benzodiazepines;

(f) Amphetamine; and

(g) Methamphetamine

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10. Testing Provider

10.1. Must be NATA Accredited.

10.2. Must have accreditation AS4760:2006 Procedures for specimen collection and the detection and quantitation of drug abuse in oral fluid.

10.3. Must be agreed upon by the PC/Employer and the Union.

10.4. Minimum standards that the testing company must meet are as follows:

(a) competent and trained staff;

(b) appropriate equipment and instruments;

(c) proper management and storage of test kits and reagents;

(d) secure and controlled storage and management of samples;

(e) comprehensive record keeping; and

(f) clear and precise reporting.

10.5. Before the Authorised Testing Agent is engaged to be the sample collector for the principle contractor all relevant stakeholders must be engaged to make sure there is no conflict of interest and that they are totally independent. If a conflict of interest exists, or should arise, the Authorised Testing Agent must report it immediately.

11. Room Requirements

11.1. Each workplace shall have a room nominated for use to undertake drug and alcohol testing consistent with this procedure. This room will not normally be the first aid room at a workplace unless a workplace has multiple first aid rooms and the use of a first aid room for the purpose of drug and alcohol testing will not affect the ability of the workplace to respond to a first aid incident.

11.2. The room selected for use must so far as reasonably practicable:

(a) Provide privacy for the Worker being tested including but not limited to:

i. Have a closing door;

ii. Not allow for casual visual observation of the testing process by other Workers external to the room e.g. through glass windows;

iii. Not allow conversations to be casually overheard by other workers;

(b) Be clean and hygienic;

(c) Be free from interruption whilst testing is being undertaken;

(d) Include discrete entry and exit.

12. Testing Requirements

12.1. On workplaces where the value of the Commonwealth's contribution to the project that includes the building work is at least $5,000,000, and represents at least 50% of the total construction project value or the Commonwealth 's contribution to the project that includes the building work is at least $10,000,000 (irrespective of its proportion of the total construction project value) the following minimum testing requirements must be adhered to.

12.2. Alcohol - on the day of testing all workers onsite shall be required to submit a breath sample i.e. blanket testing.

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12.3. Drugs; As a minimum, frequent periodic testing (at least once per month where required by law, at intervals required by the client or by mutual agreement by the PC/employer and the Union) of the workforce (both construction Workers and site office Workers) will be as follows:

(a) where there are less than 30 Workers at a workplace – at least 10% of the workforce;

(b) where there are 30 to 100 Workers at a workplace – a minimum of 5 Workers; and

(c) where there are greater than 100 Workers at a workplace – a minimum of 10 Workers;

(d) The frequency of testing and the number of workers selected shall be increased in line with the escalation below where test results meet the criteria indicated:

Workers	Criteria	Action
Less than 30 workers at a workplace	Confirmed positive results in 2 consecutive tests at the same workplace	Testing of 20% of workforce
30-100 workers at a workplace	Confirmed positive results for 3 or more workers in 2 consecutive testing rounds at the same workplace	Testing of 10 workers
Greater than 100 workers	Confirmed positive results for 6 or more workers in 2 consecutive testing rounds at the same workplace	Testing of 20 workers

12.4. The increased testing requirements shall continue until no Confirmed Positive test results are recorded for 2 consecutive testing periods.

12.5. Other Jobs

On jobsites/workplaces where there is no Commonwealth contribution testing frequency will be agreed upon by mutual consent by the PC/Employer and the Union. Testing requirements will remain the same for all jobsites i.e. blanket alcohol and code requirements for drug testing.

13. Prescribed Medications

13.1. Workers that are taking Prescribed Drugs or Pharmacy Only Drugs that they believe could register a positive test result should inform the Authorised Testing Agent prior to undergoing any requested test.

13.2. If a Worker fails to declare that they are taking Prescribed Drugs or Pharmacy Only Drugs before being tested and they record a Non Negative Result Initial Test result, a post test declaration will not be considered relevant to the result and the Worker will be excluded from duty for the remainder of the shift, subject to a Confirmatory Test.

13.3. Workers who record a Non-Negative Result Initial Test result will be excluded from their work duties and the workplace until a Confirmatory Test result has been received.

13.4. If that confirmatory result is a Positive Result Confirmatory Test, then:

(a) The terms and conditions of the applicable industrial agreement shall be observed in relation to consultation and consequence management action.

13.5. When a confirmatory test result is negative or the result recorded is less than the target level or is consistent with a level expected from therapeutic use of a Prescribed Drug or Pharmacy Only Drug, which was advised by the Worker, then the test result shall be considered a Negative Result Initial Test for the purpose of any consequence management action.

13.6. Where a Worker is excluded from the workplace as a result of a Non Negative Result Initial Test for Drugs and the confirmatory test is positive for a Pharmacy Only or Prescription Drug, the following factors would normally be considered in deciding when it is appropriate to allow a worker to return to the workplace and/or return to normal duties:

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(a) Whether the worker declared the medication during the pre-test interview with the Designated Collector or Authorised Testing Agent;

(b) The level of the medication detected is consistent with therapeutic use;

(c) Written advice from the worker's doctor advising that the medication is required to treat a medical condition; and

(d) The medication will not affect the worker's ability to perform the inherent requirements of their job - i.e. they are fit for work.

14. Special Circumstances for Prescription Medication

14.1. A Worker participating in a treatment plan for a medical condition, managed by a Registered Medical Practitioner and involving a Prescribed Drug/Only Drug could result in a Non-Negative Result Initial Test if they are selected for Drug and Alcohol testing.

14.2. If in the above circumstance a Non-Negative Result Initial Test occurs, and provided that the Worker has:

(a) Declared their use of the Prescribed Drug/Pharmacy Only Drug in a letter less than 12 months old from a registered medical practitioner before the commencement of testing; and

(b) Declared their use of the Prescribed Drug/Pharmacy Only Drug to the Authorised Testing Agent or Designated Collector before the commencement of testing;

(c) Then the Non-Negative Result Initial Test result shall be recorded at the workplace and a second sample of oral fluid shall be taken and sent for confirmatory testing. The worker shall be allowed to remain at work but must be precluded from high risk construction work activity until the result of the confirmatory test is known.

14.3. Where the results of the confirmatory test identify the Prescribed Drug/Pharmacy Only Drug declared and the levels are consistent with that prescribed by the prescribed medical practitioner, then a Negative Result shall be recorded, and no results retained.

14.4. Where the results of the confirmatory test identify the Prescribed Drug/Pharmacy Only Drug declared and the levels are not consistent with that prescribed by the Registered Medical Practitioner or another drug(s) type is recorded then a positive result confirmatory test shall be recorded.

14.5. Where the Worker has not provided both declarations contained within this part then the Worker shall be excluded from the workplace until the results of the confirmatory test are known.

15. Testing Results

15.1. Alcohol

(a) A worker who returns a negative alcohol test will be allowed to return to work with no record of the test kept. A worker who returns a positive result for alcohol (above 0.00mg/ml) will be deemed not fit work and will not be permitted to return to work;

(b) When a worker tests positive to alcohol in their system the workers blood alcohol concentration (BAC) may be decreasing or it may be increasing. In the interests of safety, the Workers will be directed to remain within the testing vicinity, and they will be re-tested no sooner than 60 minutes after the original test;

(c) If the second test result is 0.000% the test will be regarded as negative and the Worker may return to normal duties. A Positive Result Confirmatory Test will not be recorded in these circumstances;

(d) If the later confirmatory test indicates a BAC of greater than 0.000% a Positive Result Confirmatory Test will be recorded;

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(e) Alcohol testing shall be carried out by an Authorised Testing Agent agreed upon by the PC/Employer and the Union. The following steps shall be undertaken:

i. Details of the identity of the Worker to be tested shall be recorded including the workplace name, work area and their employer will be listed on a drug and alcohol testing record form by the independent Authorised Testing Agent:

ii. Workers with a BAC of greater than zero (greater than 0.000%) shall discontinue any work activities and shall be directed to undertake a second test sixty (60) minutes after the first test and the results recorded on a Drug and Alcohol Testing record Form by the independent Authorised Testing Agent:

iii. Where the second test indicates a level greater than 0.00% BAC the Worker will be further excluded from work duties for the remainder of the shift;

iv. Where a Worker is to be sent home using their own transport this shall only be permitted if the blood alcohol concentration test result is below that prescribed by applicable road transport legislation and has been determined as not rising for that Worker.

Note: If the Worker's blood alcohol concentration result is greater than or equal to 0.05% BAC, all reasonable assistance is to be afforded to ensure an affected Worker can make their way from the Workplace to a safe location without harm (e.g. taxi, lift from a friend or Supervisor).

v. Contractors will be responsible for the management/arrangements for their employees in accordance with their own employment arrangements.

vi. Any Worker that is excluded from work duties for the remainder of a shift or sent home, must, before commencing work for their next shift undertake an alcohol breath test prior to commencing that shift. If the results are negative (0.00mg/ml) the Worker shall be allowed to commence work. If the Worker returns a positive test, they will not be allowed to commence work, hence page 12 of this document, 15.1 Alcohol- d) will apply.

15.2. Drugs

(a) A worker who returns a negative test will be allowed to return to work. A worker who returns a non-negative test result from their initial test (equal to or above the relevant cut-off levels of the substances referred to in AS 4760) will be deemed not fit for work and will not be allowed to return to work. (Benzodiazepine level to be provided by the prescribed testing laboratory);

(b) Drug testing will be administered by the collection and analysis of an oral fluids specimen (sal iva). Before conducting a drug test, the process used by the independent Authorised Testing Agent must be explained to the Worker providing the saliva sample;

(c) Collecting and testing of saliva specimens shall be carried out by an Authorised Testing Agent, agreed upon by the PC/Employer and the Union, and confirmatory testing is to be carried out by a NATA accredited laboratory;

(d) A Confirmatory Test will be required where a Non-Negative Result Initial Test is recorded at the initial test. The handling of specimens taken for confirmatory testing is detailed in the process used by the Authorised Testing Agent and must be completed to Australian Standards;

(e) Any worker attending the workplace under the influence of drugs or alcohol will be prohibited from entry. A worker returning to the workplace following their exclusion for a Positive Result Confirmatory test will be required to submit to a drug and alcohol test prior to commencing work and receive a Negative Result Initial Test for Drugs or Alcohol prior to commencing work.

16. Forms of Testing

16.1. Self-Testing

(a) The PC/Employer shall be required to provide sufficient self-testing facilities for alcohol and/or drugs for up to 10% of the workforce;

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(b) Where self-test facilities are made available voluntary or self-testing for alcohol will be available for Workers prior to presenting for work. A wall mounted breathalyser (optional) will be located in an area that provides for discrete privacy for the worker, whilst completing the test so the test results cannot be inadvertently observed and disclosed to other parties;

(c) A Worker undertakes self-testing at his/her own accord; therefore, no test details are recorded. However, all Workers have obligations under the Work Health and Safety Act or equivalent occupational health and safety or occupational safety and health legislation in other States or Territories and must not wilfully place at risk their health and safety or the health and safety of other Workers or people at the workplace by commencing work if they believe they're impaired.

16.2. Random Shift Testing

(a) In terms of Random Shift Testing it is in imperative that the PC/Employer and the Union do not know on what day, or at what time the Authorised Testing Agent will conduct the tests;

(b) It is a condition of entry for all Workers at any workplace to comply with any request to participate in random Drug and Alcohol testing as a condition of employment or contract. This means that all Workers attending or seeking to attend a workplace will be eligible for testing;

(c) Testing for Alcohol or other Drugs for Workers shall be mandatory and will be undertaken at any time throughout the Worker's hours of work (including overtime) or at any time whilst at the workplace;

(d) Individual Workers will be selected for drug testing using a simple random selection process. A random draw will be conducted using an Authorised Testing Agent independent software to randomise the selection of Workers for testing;

(e) The random selection process includes the selection of Workers from across the entire workplace subject to the testing;

(f) A Worker selected for testing will be required to present themselves for testing within a reasonable time. Random shift testing shall be conducted in a room which provides for privacy for the selected worker during testing; the requirements for this room are outlined in the Room Requirements section of this policy.

16.3. For Cause Testing

(a) An employer/supervisor may only request an employee to undertake for cause testing if:

i. The employee has been involved in an accident or incident, or had the potential to, cause:

ii. Serious and major damage to mobile plant or property; or

iii. an injury to themselves or other individual(s); or

iv. Participation in a relevant and specific industry focus area when the worker is undertaking High Risk Work as identified by the employer and consistent with OHS legislation. Workers will be selected for testing using a random selection process nominated by the employer following a consultation process in line with OHS legislation.

16.4. Post Incident Testing

(a) After the occurrence of a significant incident/event at a workplace, all Workers involved in the incident may be required to undergo an initial Drug and Alcohol test.

(b) Where a Worker(s) is to be tested following a significant incident/event they shall be supervised by an Employer Representative and Employee Representative continually from the time of the incident until they have completed all testing required.

(c) Post Incident Testing will be conducted as soon as practical after the incident/event and when it is safe to do so.

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(d) An injured Worker who requires immediate medical attention may only be tested when it is appropriate and safe to do so. This will be determined by the Construction Manager, the HSR, Delegate and the relevant PIA in consultation with the attending medical practitioner. In such cases, where testing can be conducted while under medical care, a saliva testing process will be used.

16.5. Reasonable Concern Testing

(a) An employer may only request an employee to undertake reasonable concern testing if the following criteria are met:

i. An observable phenomenon occurs, which is:

- the direct observation of the employee of use of, and/or the physical behavioural symptoms of being impaired by, alcohol; and/or
- Unusual and/or inexplicable actions by the employee; or
- There is evidence that the employee is involved in the use or possession of alcohol and/or other drugs while working; or
- The employee has breached safety precautions or procedures.

16.6. Testing of Minors

(a) A letter of consent contained within the work experience and student placement procedure shall be signed by the parent or guardian of any worker who is a minor seeking to access a workplace where the Impairment Policy is in place, as a condition of entry to that workplace. Alternatively, an equivalent letter signed by the parent or guardian can be provided through the minor's employer/host employer.

(b) Where a minor is selected for testing and:

i. A letter of consent is held, then the provisions of this procedure shall apply; or

ii. Where a letter of consent is not held, every effort will be made to contact the minor's parents/guardians to get verbal consent to participate in the testing procedure. If consent is given then the normal testing procedures will apply, if contact cannot be made and/or consent is not given then the minor will be excluded from any high-risk activities or potentially excluded from site until consent is given.

17. Refusal to Test

17.1. If a Worker refuses to participate in workplace Drug and Alcohol testing the following will apply:

(a) The Employer, will inform the Worker and the workers chosen representative, that the refusal will have the same consequences as a non-negative result, i.e. that the employee will be deemed to be unfit for work due to the presence of alcohol or drugs;

(b) If the worker still refuses, the Employer and the PIA, shall consult with the worker and the workers chosen representative, regarding the requirements, process and consequences of refusing to test and encourage them to partake in the test. This would be the second request to be tested;

(c) If the worker still refuses, the refusal will be treated as a confirmed positive result, and will be subjected to the relevant consequences of such. All reasonable assistance is to be offered to ensure the employee can make their way from the workplace to a safe location without harm (i.e. taxi, lift from a friend or fellow worker). An agreed leave of absence arrangement is to apply for the duration of their absence.

18. Disciplinary Action

18.1. The following sets out the action which may be taken when a worker returns a confirmed positive result to an alcohol or drug test.

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18.2. First Occasion - A worker who has received a first confirmed positive test for alcohol or drugs (other than by self-testing) will be:

(a) Required to attend the Support as referred to in this Policy;

(b) Informed of the consequences of testing positive and their obligations to present, or remain in a fit state;

(c) Informed of further disciplinary action and testing requirements should they have a confirmed positive result (alcohol or drug) within the next 12 months.

18.3. Second occasion - A worker who has received a second confirmed positive test for alcohol or drugs (other than by self-testing) within any 12-month period will be:

(a) Required to re-attend the Support as referred to in this Policy

(b) Required to participate in a rehabilitation program referred to in "Support" in this policy

(c) Informed of the consequences of testing positive and their obligations to present, or remain in a fit state;

(d) Given a verbal warning with a diary entry placed on file; and

(e) Informed of further disciplinary action and testing requirements should they have a confirmed positive result (alcohol or drug) within the next 12 months.

18.4. A worker who has received three confirmed positive test results for alcohol or drugs which has been detected in a 12-month period may be disciplined under the Employer's disciplinary processes.

18.5. A worker who fails to attend EAP sessions may be disciplined under this policy in accordance with principles of natural justice.

18.6. No disciplinary action will be taken in respect of positive test results from a self-test.

19. Support

19.1. The Principle Contractor (PC)/Employer will make available support to workers in respect of drug and alcohol issues. This will include:

(a) allowing access to any Union support programs; and

(b) provide an employer funded Employee Assistance Provider (EAP) to be available to workers.

19.2. The worker will be allowed to access a Union support program and/or EAP counselling during normal working hours and without loss of pay, or any form of employer retribution.

20. Self – Declaration

20.1. Workers will not be disadvantaged for self-disclosure and therefore will be supported through counselling and rehabilitation processes and provided with the Support contained in this policy. In such cases the worker will be permitted to access personal leave in the first instance, then accrued leave, and may return to work when fit for duty.

20.2. The worker may be suspended from any work, with pay, with immediate effect in order for an assessment to be made of the duties they are able to perform safely and a drug and alcohol test is to be taken as soon as reasonably practicable.

21. Privacy

21.1. Drug and Alcohol testing results shall remain confidential and will only be used for the purpose of compliance with this Procedure in the manner required by the *Privacy Act 1988 (Cth)*. Any information provided or declared by a Worker regarding:

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(a) Prescribed Drug and Pharmacy Only Drug consumed;

(b) Medical conditions or the like;

(c) Their proposed return to the workplace following exclusion by this procedure;

21.2. Will also remain confidential and managed in accordance with the *Privacy Act 1988 (Cth)*. Similarly, where a Worker supplies information regarding the use, sale or supply of Drugs or Alcohol at a workplace, unless the Worker otherwise agrees or as otherwise required by law, the Worker's identity will be kept confidential.

21.3. All Positive Results Confirmatory Test will be maintained on the relevant Worker's personnel records located at the workplace.

21.4. Protections from Worker Deoxyribonucleic Acid (DNA) misuse

21.5. Workers selected for testing shall have their personal DNA protected by:

(a) In the case of unintended collection of a Worker's DNA during the collection of an oral saliva sample for an initial test, by the worker being offered the used collection cartridge upon completion of the initial test.

(b) In the case of unintended collection of a Workers DNA during the collection of an oral saliva sample for testing at a NATA approved laboratory for an initial Non Negative Result Initial Test, by ensuring that the documentation that accompanies the collection cartridge to the NATA approved laboratory does not include the workers name or address but contains only that information sufficient to comply with AS4760 e.g. test report number and date of birth.

These protections will be notified to Workers during training

22. Consultation

22.1 If a party believes that an amendment to the impairment policy is required, they shall request and organise a consultation meeting involving the Employer, the Union and any other relevant stakeholders.

22.2 The attendees shall seek to reach agreement on any proposed amendments.

22.3 No amendments shall be implemented unless agreement is reached by the Employer, the Union and the relevant stakeholders.

22.4 Employment Assistance Program (EAP)

22.5 The Employment Assistance Program (EAP) is an agreed independent, professional and confidential service that aims to provide employees with assistance when affected by personal or job-related problems.

22.6 To have a successful Impairment Policy at the workplace, the Policy must address how those at the workplace, including employees of the principal contractor, subcontractors and their employees and others, will be required to comply with the Impairment Policy.

22.7 The below requirements will be audited on an annual basis of the employer:

(a) Must be able to provide EAP support in all States, Territories and regional areas of Australia;

(b) Must outline in their Impairment Policy how workers who attend for work affected by drugs or alcohol will be counselled and assisted, apart from any disciplinary process that might apply;

(c) Must have a memorandum of understanding (MOU) with relevant stakeholders within treatment support areas;

(d) Provide support for their workers and their immediate families;

(e) Must be able to provide treatment services which must include the following:

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i. General counselling;

ii. Drug and Alcohol counselling;

iii. Drug and Alcohol detoxification services;

iv. Drug and Alcohol rehabilitation services;

v. Case Management services;

vi. Psychology services;

(f) Must have a history of delivering support services to the Building and Construction Industry

(g) Must be able to develop and implement a plan to promote the impairment policy within the workplace

23. Addendum

Refer to the National CFMEU Impairment Policy for more information and detail about impairment in the construction industry. The policies and procedures in the national document look at the impairment issues of Mental Health, Injury and Illness, Fatigue, Chemicals, Heat, Cold and Noise, and Alcohol, Illegal Drugs and Legal Drugs and provide the research behind the implementation of this Impairment Policy.

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Appendix E: Forms and Additional Documents

AUDIT FORM

EMPLOYER NAME: _____

ABN NUMBER: _____

ADDRESS: _____

PRINCIPAL NAME: _____

PRINCIPAL TITLE: _____

WORKCOVER POLICY NUMBER: _____

Number of personnel: _____

Overtime 1½x: _____

Overtime 2x: _____

Base Hourly Rate: _____

Fares & Travel: _____

CBUS/BUSS(Q): □ **Yes** □ **No**

BERT: □ **Yes** □ **No**

BEWT: □ **Yes** □ **No**

CIPQ: □ **Yes** □ **No**

RDO Accrual: □ **Yes** □ **No**

Annual Leave: □ **Yes** □ **No**

Sick Leave: □ **Yes** □ **No**

PSLS: □ **Yes** □ **No**

Group Tax: □ **Yes** □ **No**

STATUTORY DECLARATION BY PRINCIPAL: I hereby state that the Employer has paid all of its entitlements and legal obligations in accordance with the appropriate industrial instrument.

_____PRINCIPAL

AUTHORISED BY CPA/INSTITUTE OF CHARTERED ACCOUNTANTS

EMPLOYER NAME:

NAME OF ACCOUNTANT:

REGISTRATION DETAILS

AUTHORISATION STATEMENT: I have examined the time and wages records and hereby certify that they are in accordance with the appropriate industrial instrument.

_____**CERTIFIED PRACTISING ACCOUNTANT**

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RDO NOTIFICATION FORM

Notification pursuant to clause 14.7(c) above to Work on Scheduled RDO

Date: _____

Employer	
Date of Scheduled RDO	
Project Name	
Project Address	
Work to be undertaken	
Approximate number of employees required	
Union delegate/employee representative	

Manager contact details

Name: _____

Phone: _____

Email: _____

Tick the appropriate Box

- □ Affected Employee/s consulted by Employer
- □ Affected Employee/s not wishing to work in accordance with the clause have been given an opportunity to reasonably refuse
- □ Affected Employee/s informed that if they have a concern about working the scheduled RDO they can raise the matter with their union delegate/employee representative.

Reason/s for work on scheduled RDO

- □ High risk activity (specify below)
- □ Maintenance, repair, commissioning
- □ Restrictions, laws, regulations, etc.
- □ Inclement weather
- □ Other

Explanation of ground/s listed above:

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Impact Assessment of BPIC on Gold Coast Light Rail 3 - Order of Magnitude

Background

1. John Holland is currently engaged in an impact assessment relating to the introduction of the Best Practice Industry Conditions (**BPIC**) to the Gold Coast Light Rail Stage 3 Project.
2. As part of this process, John Holland offered to provide an interim non-binding "order of magnitude" assessment of the BPIC (**OoM Impact Assessment**) impact to GoldlinQ.
3. GoldlinQ initially confirmed that it did not wish to receive the OoM Impact Assessment but did request that John Holland provide details of assumptions that John Holland would use if it was to undertake and provide an OoM Impact Assessment.
4. The State has since requested that the OoM Impact Assessment be provided by John Holland by 8 September 2021.
5. John Holland provided details of assumptions relevant to an OoM Impact Assessment on 31 August 2021.
6. This document addresses point 4 above.

OoM Impact Assessment

1. Table 1 outlines the non-binding OoM Impact Assessment on Price, with an indicative range also provided for information only. As stated previously, the OoM Impact Assessment is a point-in-time assessment based on high-level assumptions that will be tested and refined throughout the assessment process. Accordingly, the indicative range is not intended to reflect definitive bookends of the final impact assessment, which is currently under development.
2. The attached program outlines the non-binding OoM Impact Assessment on Program.
3. Table 1 and the attached program should be reviewed in the context of the Order of Magnitude Assumptions submitted to GoldlinQ on 31 August 2021, attached again for convenience.

Table 1: OoM Impact Assessment on Price

Parameter	Assumed OoM Impact	% of cost	Indicative OoM Impact Range	
Labour	$ 34,336,853	73.6%	$ 30,260,886	$ 36,187,495
Plant	$ 4,427,147	12.1%	$ 3,901,621	$ 4,665,755
Material	$ 2,252,798	3.3%	$ 1,985,379	$ 2,374,216
Subcontract	$ 53,477,059	21.8%	$ 47,129,047	$ 56,359,294
Other	$ 55,493,193	23.4%	$ 48,905,856	$ 58,484,091
Totals	**$ 149,987,049**	**23.7%**	**$132,182,789**	**$158,070,850**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC		1539d	20-Nov-19 A	11-Mar-26	0d
KEY DATES		1415d	15-May-20 A	11-Mar-26	0d
OF3 - Client (GoldLinQ)		617d	15-May-20 A	24-Nov-22	106d
KD-GL-MS-1000	Client (GoldLinQ) - Tenders Close [15-May-20 12:00 RFT Cl 6.1 Nominated date]	0d		15-May-20 A	
KD-GL-MS-1020	Client (GoldLinQ) - Tender Presentations [21-May-20 RFT Cl 6.1 Nominated dates]	1d	20-May-20 A	20-May-20 A	
KD-GL-MS-1080	Client (GoldLinQ) - Preferred Tenderer Nominated [Aug-20 RFT Cl 6.1 Nominated date] Revised WShop 29-Jul	0d		31-Aug-20	284d
KD-GL-MS-1140	Client (GoldLinQ) - Financial Close - Post Tender Nominated as 04-Jun-21 First Day of Work 07-Jun	0d		07-Jun-21	4d
KD-GL-MS-1300	Client (GoldLinQ) - CoGC Design Info (WA-128/129) FC+3m Period	92d	09-Jun-21	08-Sep-21	44d
KD-GL-MS-1320	Client (GoldLinQ) - CoGC As-Built Info (WA-128/129) FC+9m Period	273d	09-Jun-21	08-Mar-22	69d
KD-GL-MS-1240	Client (GoldLinQ) - CoGC Design Info (WA-128/129) FC+3m Based on FC of 04-Jun + First Day of Work 07-Jun	0d		08-Sep-21	31d
KD-GL-MS-1340	Client (GoldLinQ) - CoGC As-Built Info (WA-128/129) Submitted to D&C Contractor (JH)	15d	16-Feb-22	08-Mar-22	45d
KD-GL-MS-1260	Client (GoldLinQ) - CoGC As-Built Info (WA-128/129) FC+9m Based on FC of 04-Jun + First Day of Work 07-Jun	0d		08-Mar-22	45d
KD-GL-MS-1280	Client (GoldLinQ) - CoGC complete MTO-8 Miami Shore Pde Drainage Works	0d		24-Nov-22	86d
D&C Contractor (JH)		1161d	08-Jun-21	11-Mar-26	0d
Commencement		74d	08-Jun-21	21-Sep-21	5d
KD-CO-MS-1020	D&C Contractor (JH) - Site Access	0d	08-Jun-21		78d
KD-CO-MS-1040	D&C Contractor (JH) - Senior Project Group - Initial Meeting (State /OF3(Rep+Chair) /O&M(MD) /D&C (GM) / IV ·	1d	08-Jun-21	08-Jun-21	78d
KD-CO-MP-1080	D&C Contractor (JH) - Plans Complete and Approved Able to Commence On-Site Works	0d	21-Sep-21		4d
KD-CO-MS-1060	D&C Contractor (JH) - Commence On-Site Investigation Works	0d	21-Sep-21		5d
Completion		1161d	08-Jun-21	11-Mar-26	0d
KD-GL-MS-1180	Client (GoldLinQ) - D&C Contract Duration (Calendar Days)	1555d	08-Jun-21	09-Sep-25	0d
KD-GL-MS-1220	Client (GoldLinQ) - SPA - Depot Duration (Work Days)	409d	08-Jun-21	09-May-23	574d
Depot		178d	24-Oct-22	20-Jul-23	644d
Separable Portion A - DEPOT Contractors Target Dates and Contingency		59d	09-Feb-23	09-May-23	651d
CO-MS-SPA-3020	D&C Contractor (JH) - SPA - D&C Contractors' Target Date to Reach Practical Completion	0d		09-Feb-23	257d
CO-MS-SPA-3040	D&C Contractor (JH) - SPA - Contractors' Contingency (Work Days)	47d	10-Feb-23	09-May-23	415d
CO-MS-SPA-1200	Client (GoldLinQ) - SPA - Depot Extension Works Handover [15-Jul-22 Date Nominated in RFC7109.14 DATE NO	0d		09-May-23	574d
Separable Portion A - Notice of Completion - Stage 3 - Depot /Stabling Yard (D&C Contract Cl 17.1 a)		172d	04-Nov-22	25-Apr-23	699d
KD-CO-NC-SPA-1000	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-A (i) 6 Months+5BD Prior to Esti	0d		04-Nov-22	699d
KD-CO-NC-SPA-1020	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-A (ii) 3 Months+5BD Prior to Estir	0d		30-Jan-23	699d
KD-CO-NC-SPA-1040	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-A (ii) 2 Months+5BD Prior to Estir	0d		03-Mar-23	699d
KD-CO-NC-SPA-1060	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-A (iv) 1 Months+5BD Prior to Esti	0d		01-Apr-23	699d
KD-CO-NC-SPA-1080	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-A (v) 2 Weeks Prior to Estimated	0d		25-Apr-23	699d
Separable Portion A - D&C Completion - Stage 3 - Depot / Stabling Yard		178d	24-Oct-22	20-Jul-23	644d
Joint Inspection - 6 Months Prior Notice - (D&C Contract Cl 17.1 c)		12d	24-Oct-22	09-Nov-22	469d
KD-CO-SPA-1000	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	24-Oct-22	07-Nov-22	469d
KD-CO-SPA-1020	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldinQ3) Notice of Re	2d	07-Nov-22	09-Nov-22	469d
Joint Inspection - 3 Months Prior Notice - (D&C Contract Cl 17.1 c)		12d	30-Jan-23	15-Feb-23	469d
KD-CO-SPA-1040	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	30-Jan-23	13-Feb-23	469d
KD-CO-SPA-1060	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice of R	2d	13-Feb-23	15-Feb-23	469d
Joint Inspection - 2 Month Prior Notice - (D&C Contract Cl 17.1 c)		12d	01-Mar-23	17-Mar-23	469d
KD-CO-SPA-1340	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	01-Mar-23	15-Mar-23	469d
KD-CO-SPA-1360	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldinQ3) Notice of Re	2d	15-Mar-23	17-Mar-23	469d
Joint Inspection - 1 Month Prior Notice - (D&C Contract Cl 17.1 c)		12d	30-Mar-23	19-Apr-23	469d
KD-CO-SPA-1080	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	30-Mar-23	17-Apr-23	469d
KD-CO-SPA-1100	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice of R	2d	17-Apr-23	19-Apr-23	469d
Joint Inspection - 2 Weeks Prior Notice - (D&C Contract Cl 17.1 c)		12d	19-Apr-23	09-May-23	469d
KD-CO-SPA-1380	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	19-Apr-23	05-May-23	469d
KD-CO-SPA-1400	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice of R	2d	05-May-23	09-May-23	469d
Stage 3 Completion Notification - (D&C Contract Cl 17.1 e)		6d	09-May-23	17-May-23	648d
KD-CO-SPA-1120	D&C Contractor (JH) - Advises OF3 (GoldLinQ3) & IC of D&C Completion for SP-A Depot [12-Sep-22]	0d		09-May-23	644d
KD-CO-SPA-1140	D&C Contractor (JH) - Supplies OF3 (GoldLinQ3) - Certification from Designer/Fire Engineer/D&C Contractor	5d	09-May-23	16-May-23	648d
KD-CO-SPA-1160	O&M Contractor - Supplies OF3 (GoldLinQ3) - Certification of Stage 3 Works Acceptable from Operations Perspec	5d	09-May-23	16-May-23	648d
KD-CO-SPA-1180	Stage 3 Completion - OF3 (GoldLinQ3) - Notifies State / IV - Incls. Certificates and OF3 Compliance Certification	1d	16-May-23	17-May-23	648d
Joint Inspection - Stage 3 Completion - (D&C Contract Cl 17.1 f & g)		15d	09-May-23	30-May-23	644d
KD-CO-SPA-1200	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C, OF3 (GoldLinQ3), State, IV and IC	10d	09-May-23	23-May-23	644d
KD-CO-SPA-1220	Stage 3 Completion - IC (Within 5BD of Inspection) - Issues D&C & OF3 (GoldLinQ3) - Certificate of & Date of Co	5d	23-May-23	30-May-23	644d
Stage 3 Close Out - D&C Contract Cl 17.2		37d	30-May-23	20-Jul-23	644d
KD-CO-SPA-1240	Stage 3 Close Out - D&C Contractor (JH) - Progresses Balance of Stage 3 Works	20d	30-May-23	27-Jun-23	644d
KD-CO-SPA-1260	Stage 3 Close Out - D&C Contractor (JH) - Notifies OF3 & IC - Close Out Achieved & Request Close Out Certifica	1d	27-Jun-23	28-Jun-23	644d
KD-CO-SPA-1280	Stage 3 Completion - IC (Within 15BD of Notice) - Inspect Stage 3 Works	15d	28-Jun-23	19-Jul-23	644d
KD-CO-SPA-1300	Stage 3 Completion - IV Issue Certificate of Stage 3 Close Out to D&C Contractor (JH) and OF3	1d	19-Jul-23	20-Jul-23	644d
Main Alignment		215d	21-Oct-24	09-Sep-25	0d
Separable Portion B - MAIN ALIGNMENT Contractors Target Dates and Contingency		76d	16-May-25	09-Sep-25	0d
CO-MS-SPB-1220	D&C Contractor (JH) - SPB - D&C Contractors' Target Date to Reach Practical Completion	0d		16-May-25	0d

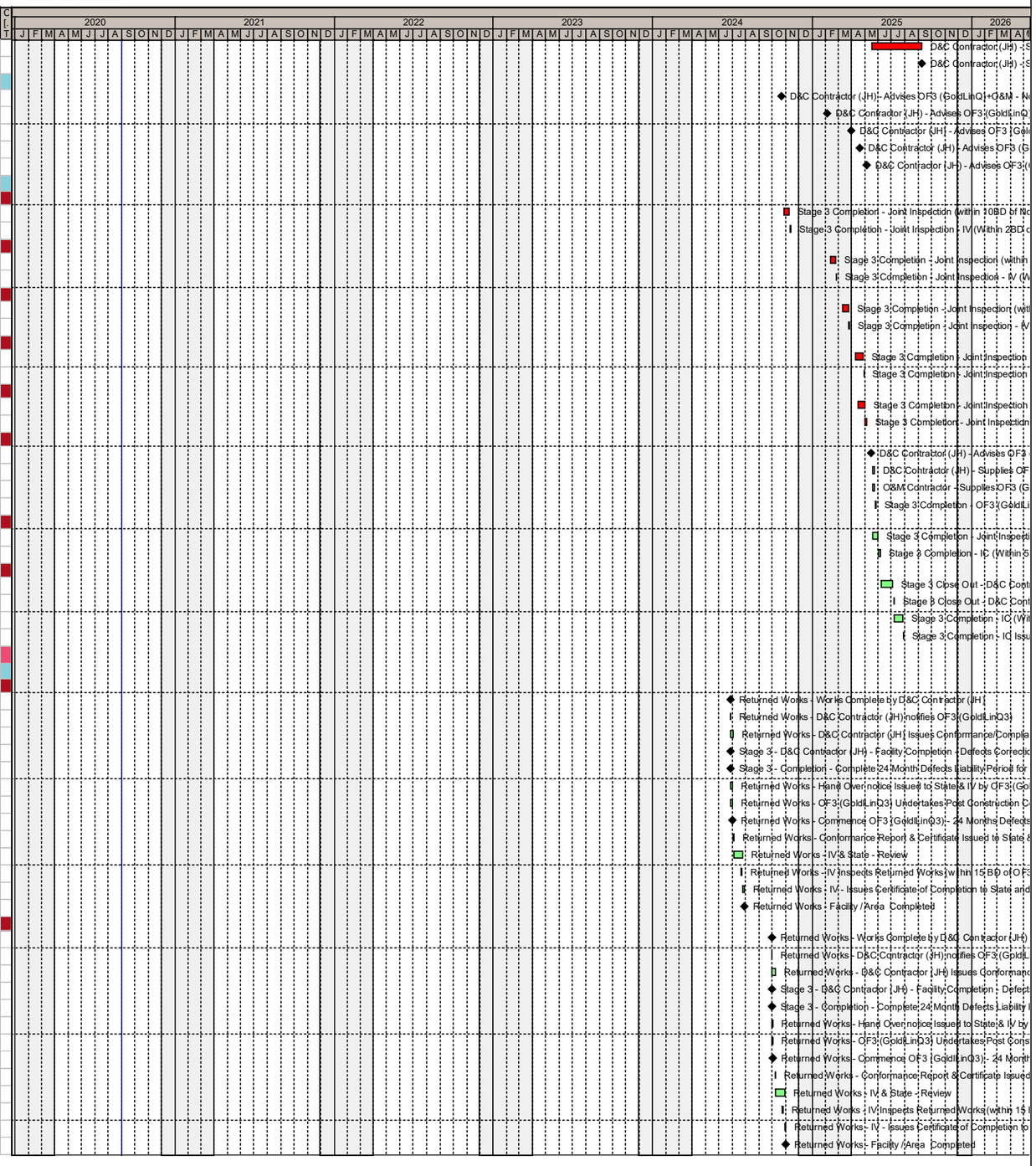


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CO-MS-SPB-1240	D&C Contractor (JH) - SPB - Contractors' Contingency (Work Days)	76d	17-May-25	09-Sep-25	0d
CO-MS-SPB-1260	D&C Contractor (JH) - SPB - Stage 3 D&C Completion [Submission 20 = 30-May-2025]	0d		09-Sep-25	0d
Separable Portion B - Notice of Completion - Stage 3 - Main Alignment (D&C Contract Cl 17.1 a)		126d	21-Oct-24	06-May-25	0d
KD-CO-SPB-1000	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-B (i) 6 Months+5BD Prior to Esti	0d		21-Oct-24	0d
KD-CO-SPB-1020	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-B (ii) 3 Months+5BD Prior to Esti	0d		04-Feb-25	0d
KD-CO-SPB-1040	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-B (iii) 2 Months+5BD Prior to Esti	0d		30-Mar-25	0d
KD-CO-SPB-1060	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-B (iv) 1 Months+5BD Prior to Esti	0d		19-Apr-25	0d
KD-CO-SPB-1080	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-B (v) 2 Weeks Prior to Estimated	0d		06-May-25	0d
Separable Portion B - D&C Completion - Stage 3 - Main Alignment		182d	28-Oct-24	29-Jul-25	29d
Joint Inspection - 6 Months Prior Notice - D&C Contract Cl 17.1 c		12d	28-Oct-24	12-Nov-24	0d
KD-CO-SPB-2000	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	28-Oct-24	08-Nov-24	0d
KD-CO-SPB-2020	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice of F	2d	11-Nov-24	12-Nov-24	0d
Joint Inspection - 3 Months Prior Notice - D&C Contract Cl 17.1 c		12d	11-Feb-25	26-Feb-25	0d
KD-CO-SPB-2040	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	11-Feb-25	24-Feb-25	0d
KD-CO-SPB-2060	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice of F	2d	25-Feb-25	26-Feb-25	0d
Joint Inspection - 2 Month Prior Notice - D&C Contract Cl 17.1 c		12d	12-Mar-25	27-Mar-25	0d
KD-CO-SPB-2080	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	12-Mar-25	25-Mar-25	0d
KD-CO-SPB-2100	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice of F	2d	26-Mar-25	27-Mar-25	0d
Joint Inspection - 1 Month Prior Notice - D&C Contract Cl 17.1 c		12d	10-Apr-25	30-Apr-25	0d
KD-CO-SPB-2120	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldlLnQ3), State, O&M, IV & IC	10d	10-Apr-25	28-Apr-25	0d
KD-CO-SPB-2140	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice of F	2d	29-Apr-25	30-Apr-25	0d
Joint Inspection - 2 Weeks Prior Notice - D&C Contract Cl 17.1 c		12d	15-Apr-25	06-May-25	0d
KD-CO-SPB-2160	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	15-Apr-25	01-May-25	0d
KD-CO-SPB-2180	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice of F	2d	02-May-25	06-May-25	0d
Stage 3 Completion Notification - D&C Contract Cl 17.1 e		6d	16-May-25	26-May-25	33d
KD-CO-SPB-2220	D&C Contractor (JH) - Advises OF3 (GoldLinQ3) & IC of D&C Completion for SP-B Alignment	0d		16-May-25	29d
KD-CO-SPB-2240	D&C Contractor (JH) - Supplies OF3 (GoldLinQ3) - Certification from Designer/Fire Engineer/D&C Contractor	5d	19-May-25	23-May-25	33d
KD-CO-SPB-2200	O&M Contractor - Supplies OF3 (GoldLinQ3) - Certification of Stage 3 Works Acceptable from Operations Perspec	5d	19-May-25	23-May-25	33d
KD-CO-SPB-2260	Stage 3 Completion - OF3 (GoldlLinQ3) - Notifies State / IV - Incls. Certificates and OF3 Compliance Certification	1d	26-May-25	26-May-25	33d
Joint Inspection - Stage 3 Completion - D&C Contract Cl 17.1 f & g		15d	19-May-25	06-Jun-25	29d
KD-CO-SPB-2280	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C, OF3 (GoldlLinQ3), State, IV and IC	10d	19-May-25	30-May-25	29d
KD-CO-SPB-2300	Stage 3 Completion - IC (Within 5BD of Inspection) - Issues D&C & OF3 (GoldlLinQ3) - Certificate of & Date of Co	5d	02-Jun-25	06-Jun-25	29d
Stage 3 Close Out - D&C Contract Cl 17.2		37d	09-Jun-25	29-Jul-25	29d
KD-CO-SPB-2320	Stage 3 Close Out - D&C Contractor (JH) - Progresses Balance of Stage 3 Works	20d	09-Jun-25	04-Jul-25	29d
KD-CO-SPB-2340	Stage 3 Close Out - D&C Contractor (JH) - Notifies OF3 & IC - Close Out Achieved & Request Close Out Certifica	1d	07-Jul-25	07-Jul-25	29d
KD-CO-SPB-2360	Stage 3 Completion - IC (Within 15BD of Notice) - Inspect Stage 3 Works	15d	08-Jul-25	28-Jul-25	29d
KD-CO-SPB-2380	Stage 3 Completion - IC Issue Certificate of Stage 3 Close Out to D&C Contractor and OF3	1d	29-Jul-25	29-Jul-25	29d
Returned Works Stage 3 - D&C Contract Cl 18		357d	04-Jun-24	12-Nov-25	75d
STATE Assets or Works Designed by D&C Contractor		88d	27-Jun-24	31-Oct-24	327d
Northern Area - Main Alignment		22d	27-Jun-24	29-Jul-24	393d
KD-SA-RW02-1000	Returned Works - Works Complete by D&C Contractor (JH)	0d		27-Jun-24	393d
KD-SA-RW02-1020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlLinQ3)	1d	27-Jun-24	28-Jun-24	396d
KD-SA-RW02-1060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to OF3	5d	27-Jun-24	04-Jul-24	393d
KD-SA-RW02-1220	Stage 3 - D&C Contractor (JH) - Facility Completion - Defects Correction Period for Stage 3 Cert or as Notified by	0d	28-Jun-24		621d
KD-SA-RW02-1240	Stage 3 - Completion - Complete 24 Month Defects Liability Period for all Other Returned Works Excl Pup's	0d		28-Jun-24	621d
KD-SA-RW02-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlLinQ3)	1d	28-Jun-24	01-Jul-24	396d
KD-SA-RW02-1180	Returned Works - OF3 (GoldlLinQ3) Undertakes Post Construction Condition Survey	1d	28-Jun-24	01-Jul-24	396d
KD-SA-RW02-1160	Returned Works - Commence OF3 (GoldlLinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	01-Jul-24		413d
KD-SA-RW02-1080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlLinQ3) Cl 18.2 c i	1d	04-Jul-24	05-Jul-24	393d
KD-SA-RW02-1100	Returned Works - IV & State - Review	15d	05-Jul-24	26-Jul-24	393d
KD-SA-RW02-1120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	22-Jul-24	23-Jul-24	396d
KD-SA-RW02-1200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlLinQ3)	1d	26-Jul-24	29-Jul-24	393d
KD-SA-RW02-1140	Returned Works - Facility / Area Completed	0d		29-Jul-24	393d
Southern Area - Main Alignment		22d	30-Sep-24	31-Oct-24	327d
KD-SA-RW02-2000	Returned Works - Works Complete by D&C Contractor (JH)	0d		30-Sep-24	327d
KD-SA-RW02-2020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlLinQ3)	1d	30-Sep-24	01-Oct-24	330d
KD-SA-RW02-2060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to OF3	5d	30-Sep-24	08-Oct-24	327d
KD-SA-RW02-2220	Stage 3 - D&C Contractor (JH) - Facility Completion - Defects Correction Period for Stage 3 Cert or as Notified by	0d	01-Oct-24		526d
KD-SA-RW02-2240	Stage 3 - Completion - Complete 24 Month Defects Liability Period for all Other Returned Works Excl Pup's	0d		01-Oct-24	526d
KD-SA-RW02-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlLinQ3)	1d	01-Oct-24	02-Oct-24	330d
KD-SA-RW02-2180	Returned Works - OF3 (GoldlLinQ3) Undertakes Post Construction Condition Survey	1d	01-Oct-24	02-Oct-24	330d
KD-SA-RW02-2160	Returned Works - Commence OF3 (GoldlLinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	02-Oct-24		347d
KD-SA-RW02-2080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlLinQ3) Cl 18.2 c i	1d	08-Oct-24	09-Oct-24	327d
KD-SA-RW02-2100	Returned Works - IV & State - Review	15d	09-Oct-24	30-Oct-24	327d
KD-SA-RW02-2120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	24-Oct-24	25-Oct-24	330d
KD-SA-RW02-2200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlLinQ3)	1d	30-Oct-24	31-Oct-24	327d
KD-SA-RW02-2140	Returned Works - Facility / Area Completed	0d		31-Oct-24	327d



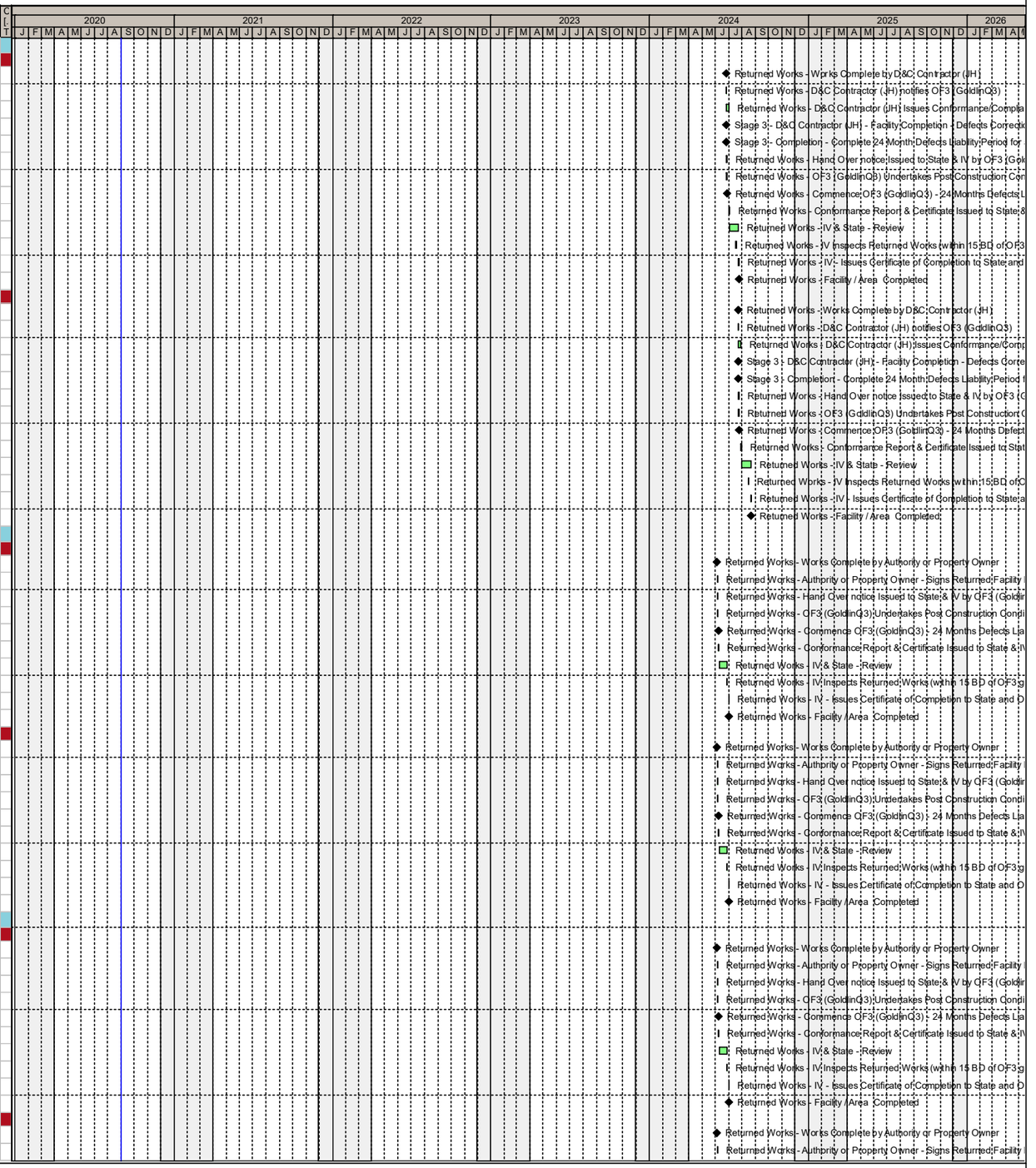
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

Sheet 2 of 121

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
CoGC Assets or Works Designed by D&C Contractor		42d	25-Jun-24	22-Aug-24	376d	
Northern Area - Main Alignment		22d	25-Jun-24	25-Jul-24	395d	
KD-SA-RW03-1000	Returned Works - Works Complete by D&C Contractor (JH)	0d		25-Jun-24	395d	
KD-SA-RW03-1020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlinQ3)	1d	25-Jun-24	26-Jun-24	398d	
KD-SA-RW03-1060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to OF3	5d	25-Jun-24	02-Jul-24	395d	
KD-SA-RW03-1220	Stage 3 - D&C Contractor (JH) - Facility Completion - Defects Correction Period for Stage 3 Cert or as Notified by	0d	26-Jun-24		623d	
KD-SA-RW03-1240	Stage 3 - Completion - Complete 24 Month Defects Liability Period for all Other Returned Works Excl Pup's	0d		26-Jun-24	623d	
KD-SA-RW03-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	26-Jun-24	27-Jun-24	398d	
KD-SA-RW03-1180	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	26-Jun-24	27-Jun-24	398d	
KD-SA-RW03-1160	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	27-Jun-24		415d	
KD-SA-RW03-1080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	02-Jul-24	03-Jul-24	395d	
KD-SA-RW03-1100	Returned Works - IV & State - Review	15d	03-Jul-24	24-Jul-24	395d	
KD-SA-RW03-1120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	18-Jul-24	19-Jul-24	398d	
KD-SA-RW03-1200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	24-Jul-24	25-Jul-24	395d	
KD-SA-RW03-1140	Returned Works - Facility / Area Completed	0d		25-Jul-24	395d	
Southern Area - Main Alignment		22d	23-Jul-24	22-Aug-24	376d	
KD-SA-RW03-2000	Returned Works - Works Complete by D&C Contractor (JH)	0d		23-Jul-24	376d	
KD-SA-RW03-2020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlinQ3)	1d	23-Jul-24	24-Jul-24	379d	
KD-SA-RW03-2060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to OF3	5d	23-Jul-24	30-Jul-24	376d	
KD-SA-RW03-2220	Stage 3 - D&C Contractor (JH) - Facility Completion - Defects Correction Period for Stage 3 Cert or as Notified by	0d	24-Jul-24		596d	
KD-SA-RW03-2240	Stage 3 - Completion - Complete 24 Month Defects Liability Period for all Other Returned Works Excl Pup's	0d		24-Jul-24	596d	
KD-SA-RW03-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	24-Jul-24	25-Jul-24	379d	
KD-SA-RW03-2180	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	24-Jul-24	25-Jul-24	379d	
KD-SA-RW03-2160	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	25-Jul-24		396d	
KD-SA-RW03-2080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	30-Jul-24	31-Jul-24	376d	
KD-SA-RW03-2100	Returned Works - IV & State - Review	15d	31-Jul-24	21-Aug-24	376d	
KD-SA-RW03-2120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	15-Aug-24	16-Aug-24	379d	
KD-SA-RW03-2200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	21-Aug-24	22-Aug-24	376d	
KD-SA-RW03-2140	Returned Works - Facility / Area Completed	0d		22-Aug-24	376d	
Telstra		19d	04-Jun-24	01-Jul-24	413d	
Northern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	413d	
KD-TLS-RW04-1000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	413d	
KD-TLS-RW04-1020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	413d	
KD-TLS-RW04-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	413d	
KD-TLS-RW04-1060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	413d	
KD-TLS-RW04-1080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		430d	
KD-TLS-RW04-1100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	413d	
KD-TLS-RW04-1120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	413d	
KD-TLS-RW04-1140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	413d	
KD-TLS-RW04-1160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	413d	
KD-TLS-RW04-1180	Returned Works - Facility / Area Completed	0d		01-Jul-24	413d	
Southern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	413d	
KD-TLS-RW04-2000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	413d	
KD-TLS-RW04-2020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	413d	
KD-TLS-RW04-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	413d	
KD-TLS-RW04-2060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	413d	
KD-TLS-RW04-2080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		430d	
KD-TLS-RW04-2100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	413d	
KD-TLS-RW04-2120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	413d	
KD-TLS-RW04-2140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	413d	
KD-TLS-RW04-2160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	413d	
KD-TLS-RW04-2180	Returned Works - Facility / Area Completed	0d		01-Jul-24	413d	
CoGC Water		19d	04-Jun-24	01-Jul-24	413d	
Northern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	413d	
KD-WT-RW03-1000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	413d	
KD-WT-RW03-1020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	413d	
KD-WT-RW03-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	413d	
KD-WT-RW03-1060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	413d	
KD-WT-RW03-1080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		430d	
KD-WT-RW03-1100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	413d	
KD-WT-RW03-1120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	413d	
KD-WT-RW03-1140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	413d	
KD-WT-RW03-1160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	413d	
KD-WT-RW03-1180	Returned Works - Facility / Area Completed	0d		01-Jul-24	413d	
Southern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	413d	
KD-WT-RW03-2000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	413d	
KD-WT-RW03-2020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	413d	

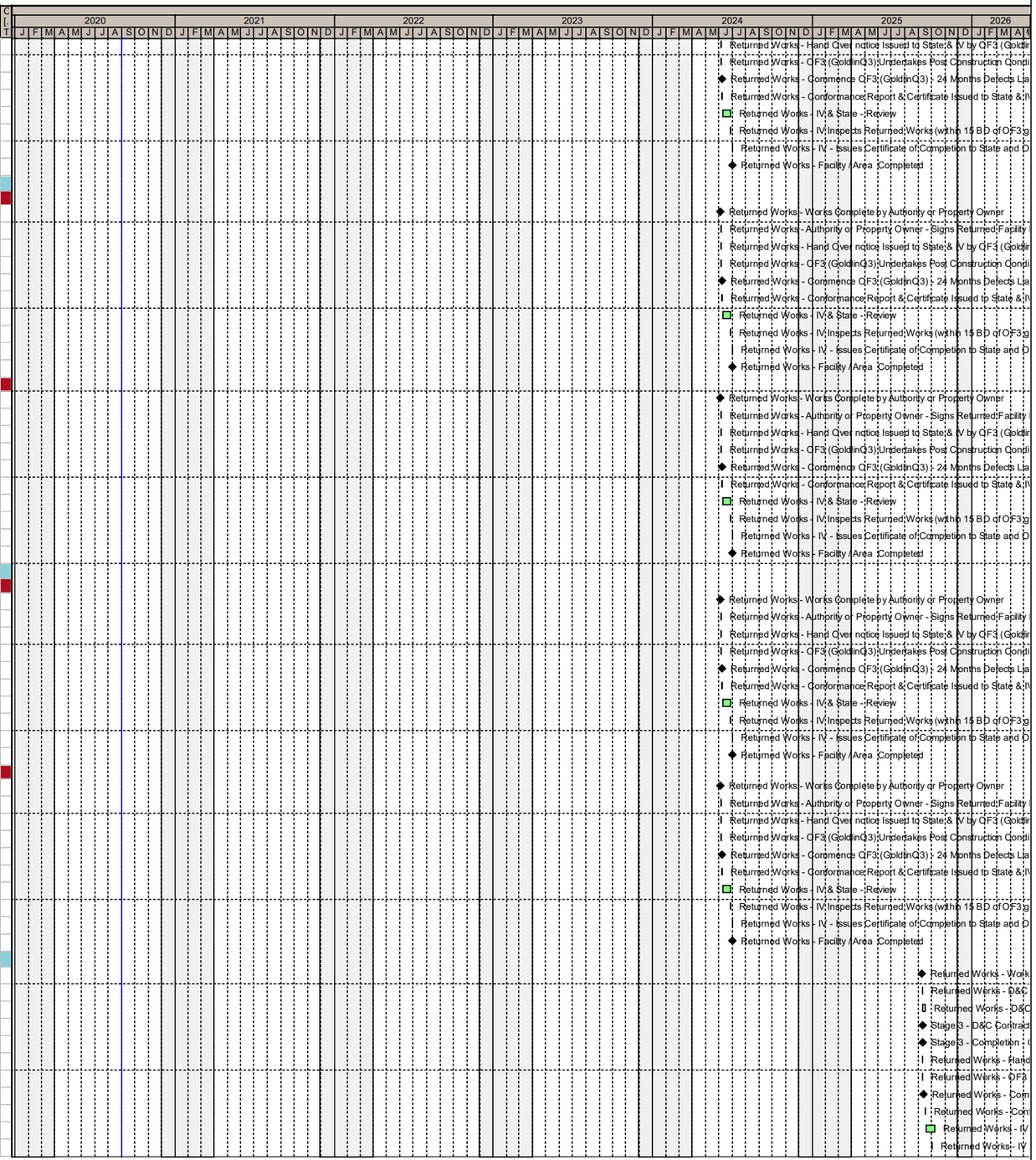


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
KD-WT-RW03-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	413d	
KD-WT-RW03-2060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	413d	
KD-WT-RW03-2080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		430d	
KD-WT-RW03-2100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	413d	
KD-WT-RW03-2120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	413d	
KD-WT-RW03-2140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 cii	1d	28-Jun-24	28-Jun-24	413d	
KD-WT-RW03-2160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	413d	
KD-WT-RW03-2180	Returned Works - Facility / Area Completed	0d		01-Jul-24	413d	
CoGC Sewer		19d	04-Jun-24	01-Jul-24	413d	
Northern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	413d	
KD-SW-RW03-1000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	413d	
KD-SW-RW03-1020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	413d	
KD-SW-RW03-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	413d	
KD-SW-RW03-1060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	413d	
KD-SW-RW03-1080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		430d	
KD-SW-RW03-1100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	413d	
KD-SW-RW03-1120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	413d	
KD-SW-RW03-1140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 cii	1d	28-Jun-24	28-Jun-24	413d	
KD-SW-RW03-1160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	413d	
KD-SW-RW03-1180	Returned Works - Facility / Area Completed	0d		01-Jul-24	413d	
Southern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	413d	
KD-SW-RW03-2000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	413d	
KD-SW-RW03-2020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	413d	
KD-SW-RW03-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	413d	
KD-SW-RW03-2060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	413d	
KD-SW-RW03-2080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		430d	
KD-SW-RW03-2100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	413d	
KD-SW-RW03-2120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	413d	
KD-SW-RW03-2140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 cii	1d	28-Jun-24	28-Jun-24	413d	
KD-SW-RW03-2160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	413d	
KD-SW-RW03-2180	Returned Works - Facility / Area Completed	0d		01-Jul-24	413d	
Energex		19d	04-Jun-24	01-Jul-24	413d	
Northern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	413d	
KD-EG-RW05-1000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	413d	
KD-EG-RW05-1020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	413d	
KD-EG-RW05-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	413d	
KD-EG-RW05-1060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	413d	
KD-EG-RW05-1080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		430d	
KD-EG-RW05-1100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	413d	
KD-EG-RW05-1120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	413d	
KD-EG-RW05-1140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 cii	1d	28-Jun-24	28-Jun-24	413d	
KD-EG-RW05-1160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	413d	
KD-EG-RW05-1180	Returned Works - Facility / Area Completed	0d		01-Jul-24	413d	
Southern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	413d	
KD-EG-RW05-2000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	413d	
KD-EG-RW05-2020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	413d	
KD-EG-RW05-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	413d	
KD-EG-RW05-2060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	413d	
KD-EG-RW05-2080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		430d	
KD-EG-RW05-2100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	413d	
KD-EG-RW05-2120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	413d	
KD-EG-RW05-2140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 cii	1d	28-Jun-24	28-Jun-24	413d	
KD-EG-RW05-2160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	413d	
KD-EG-RW05-2180	Returned Works - Facility / Area Completed	0d		01-Jul-24	413d	
GoldlinQ Assets or Works Designed by D&C Contractor		45d	09-Sep-25	12-Nov-25	75d	
KD-GL-RW01-1000	Returned Works - Works Complete by D&C Contractor (JH)	0d		09-Sep-25	98d	
KD-GL-RW01-1020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlinQ3)	1d	10-Sep-25	10-Sep-25	101d	
KD-SA-RW01-1060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to OF3	5d	10-Sep-25	16-Sep-25	98d	
KD-GL-RW01-1220	Stage 3 - D&C Contractor (JH) - Facility Completion - Defects Correction Period for Stage 3 Cert or as Notified by	0d	11-Sep-25		182d	
KD-GL-RW01-1240	Stage 3 - Completion - Complete 24 Month Defects Liability Period for all Other Returned Works Excl Pup's	0d		11-Sep-25	182d	
KD-GL-RW01-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	11-Sep-25	11-Sep-25	101d	
KD-GL-RW01-1180	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	11-Sep-25	11-Sep-25	101d	
KD-GL-RW01-1160	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	12-Sep-25		118d	
KD-GL-RW01-1080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	17-Sep-25	17-Sep-25	98d	
KD-GL-RW01-1100	Returned Works - IV & State - Review	15d	18-Sep-25	09-Oct-25	98d	
KD-GL-RW01-1120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 cii	1d	03-Oct-25	03-Oct-25	101d	

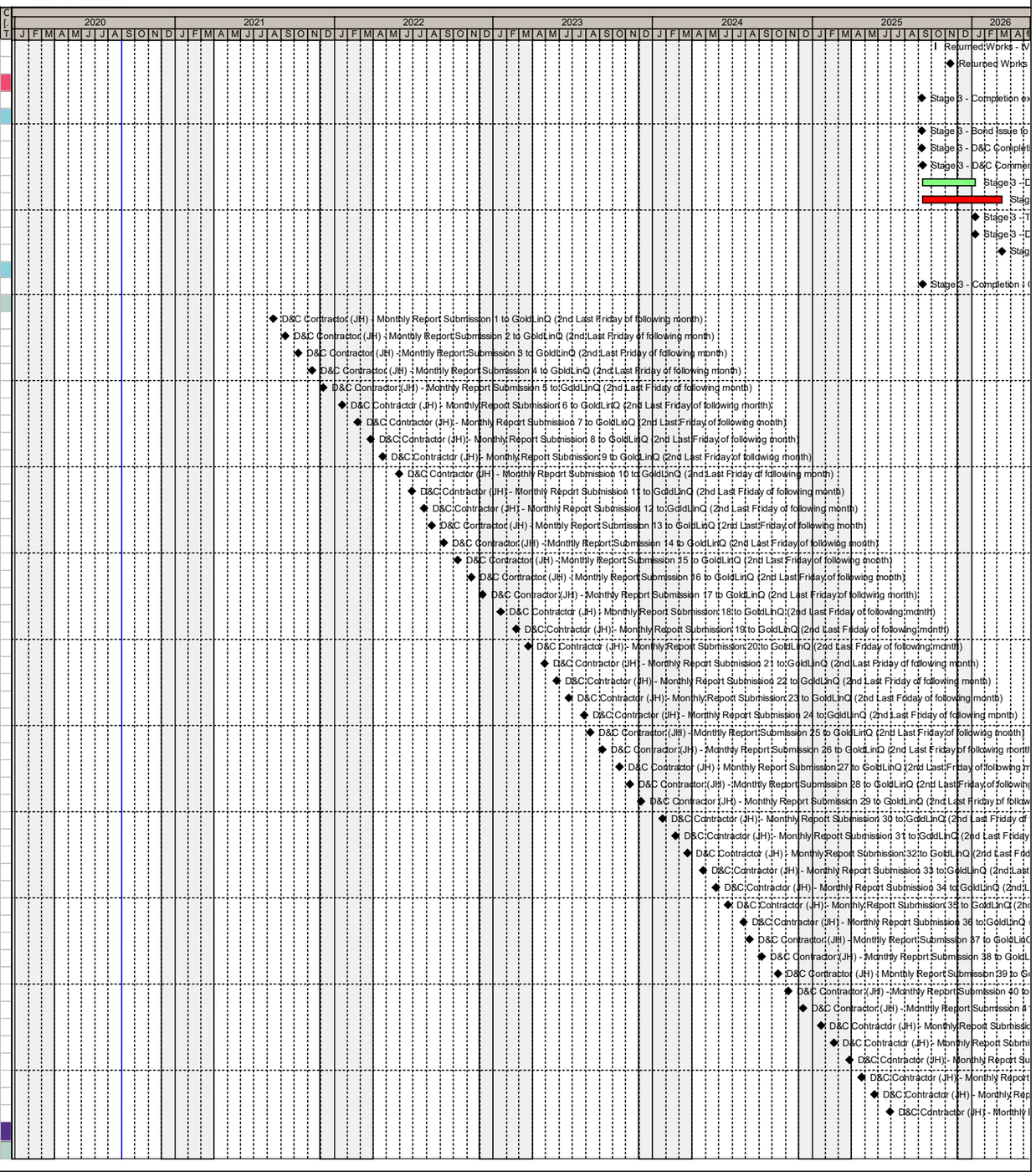


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C [illegible] T
KD-GL-RW01-1200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	10-Oct-25	10-Oct-25	98d	
KD-GL-RW01-1140	Returned Works - Facility / Area Completed	0d		12-Nov-25	75d	
Stage 3 Completion		183d	09-Sep-25	11-Mar-26	0d	
CO-MS-S3-3000	Stage 3 - Completion excl Temp Works & Minor Defects [D&C Contract Definition + Works Deed Definition]	0d		09-Sep-25	0d	
D&C Contractor - D&C Contract - Separable Portion B [Main Alignment]		183d	09-Sep-25	11-Mar-26	0d	
CO-MS-SPB-3160	Stage 3 - Bond Issue to OF3 by D&C Contractor (JH) Cl 4A.1	0d		09-Sep-25	0d	
CO-MS-SPB-3020	Stage 3 - D&C Completion - Separable Portion B [Contract Part A Cl 1.1 Definition p12]	0d		09-Sep-25	0d	
CO-MS-SPB-3040	Stage 3 - D&C Commence 8 Month Sunset Period [Contract Part A Cl 1.1 Definition p12]	0d	10-Sep-25		183d	
CO-MS-SPB-3080	Stage 3 - D&C 4 Month Close Out Period [Contract Part A Cl 1.1 Definition p12]	122d	10-Sep-25	09-Jan-26	61d	
CO-MS-SPB-3120	Stage 3 - 6 Month Close Out Date Period [Contract Part A Cl 1.1 Definition p12]	183d	10-Sep-25	11-Mar-26	0d	
CO-MS-SPB-3180	Stage 3 - Temporary Works Area Release Issued	0d		09-Jan-26	61d	
CO-MS-SPB-3100	Stage 3 - D&C Close Out Date	0d		09-Jan-26	61d	
CO-MS-SPB-3140	Stage 3 - Close Out Date	0d		11-Mar-26	0d	
OF3 - Works Deed		0d	10-Sep-25	10-Sep-25	183d	
CO-MS-S3-4000	Stage 3 - Completion - Commence 12 Month Sunset Period [Works Deed Part A Cl 1.1 Definition p37]	0d	10-Sep-25		183d	
Reports Appendix A Item 7		941d	13-Aug-21	27-Jun-25	171d	
CO-MS-RP-1000	D&C Contractor (JH) - Monthly Report Submission 1 to GoldLinQ (2nd Last Friday of following month)	0d		13-Aug-21	171d	
CO-MS-RP-1020	D&C Contractor (JH) - Monthly Report Submission 2 to GoldLinQ (2nd Last Friday of following month)	0d		10-Sep-21	171d	
CO-MS-RP-1040	D&C Contractor (JH) - Monthly Report Submission 3 to GoldLinQ (2nd Last Friday of following month)	0d		11-Oct-21	171d	
CO-MS-RP-1060	D&C Contractor (JH) - Monthly Report Submission 4 to GoldLinQ (2nd Last Friday of following month)	0d		11-Nov-21	171d	
CO-MS-RP-1080	D&C Contractor (JH) - Monthly Report Submission 5 to GoldLinQ (2nd Last Friday of following month)	0d		07-Dec-21	171d	
CO-MS-RP-1100	D&C Contractor (JH) - Monthly Report Submission 6 to GoldLinQ (2nd Last Friday of following month)	0d		19-Jan-22	171d	
CO-MS-RP-1120	D&C Contractor (JH) - Monthly Report Submission 7 to GoldLinQ (2nd Last Friday of following month)	0d		24-Feb-22	171d	
CO-MS-RP-1140	D&C Contractor (JH) - Monthly Report Submission 8 to GoldLinQ (2nd Last Friday of following month)	0d		24-Mar-22	171d	
CO-MS-RP-1160	D&C Contractor (JH) - Monthly Report Submission 9 to GoldLinQ (2nd Last Friday of following month)	0d		22-Apr-22	171d	
CO-MS-RP-1180	D&C Contractor (JH) - Monthly Report Submission 10 to GoldLinQ (2nd Last Friday of following month)	0d		30-May-22	171d	
CO-MS-RP-1200	D&C Contractor (JH) - Monthly Report Submission 11 to GoldLinQ (2nd Last Friday of following month)	0d		27-Jun-22	171d	
CO-MS-RP-1220	D&C Contractor (JH) - Monthly Report Submission 12 to GoldLinQ (2nd Last Friday of following month)	0d		25-Jul-22	171d	
CO-MS-RP-1240	D&C Contractor (JH) - Monthly Report Submission 13 to GoldLinQ (2nd Last Friday of following month)	0d		12-Aug-22	171d	
CO-MS-RP-1260	D&C Contractor (JH) - Monthly Report Submission 14 to GoldLinQ (2nd Last Friday of following month)	0d		09-Sep-22	171d	
CO-MS-RP-1280	D&C Contractor (JH) - Monthly Report Submission 15 to GoldLinQ (2nd Last Friday of following month)	0d		10-Oct-22	171d	
CO-MS-RP-1300	D&C Contractor (JH) - Monthly Report Submission 16 to GoldLinQ (2nd Last Friday of following month)	0d		10-Nov-22	171d	
CO-MS-RP-1320	D&C Contractor (JH) - Monthly Report Submission 17 to GoldLinQ (2nd Last Friday of following month)	0d		06-Dec-22	171d	
CO-MS-RP-1340	D&C Contractor (JH) - Monthly Report Submission 18 to GoldLinQ (2nd Last Friday of following month)	0d		17-Jan-23	171d	
CO-MS-RP-1360	D&C Contractor (JH) - Monthly Report Submission 19 to GoldLinQ (2nd Last Friday of following month)	0d		22-Feb-23	171d	
CO-MS-RP-1380	D&C Contractor (JH) - Monthly Report Submission 20 to GoldLinQ (2nd Last Friday of following month)	0d		22-Mar-23	171d	
CO-MS-RP-1400	D&C Contractor (JH) - Monthly Report Submission 21 to GoldLinQ (2nd Last Friday of following month)	0d		28-Apr-23	171d	
CO-MS-RP-1420	D&C Contractor (JH) - Monthly Report Submission 22 to GoldLinQ (2nd Last Friday of following month)	0d		26-May-23	171d	
CO-MS-RP-1440	D&C Contractor (JH) - Monthly Report Submission 23 to GoldLinQ (2nd Last Friday of following month)	0d		23-Jun-23	171d	
CO-MS-RP-1460	D&C Contractor (JH) - Monthly Report Submission 24 to GoldLinQ (2nd Last Friday of following month)	0d		28-Jul-23	171d	
CO-MS-RP-1480	D&C Contractor (JH) - Monthly Report Submission 25 to GoldLinQ (2nd Last Friday of following month)	0d		11-Aug-23	171d	
CO-MS-RP-1500	D&C Contractor (JH) - Monthly Report Submission 26 to GoldLinQ (2nd Last Friday of following month)	0d		08-Sep-23	171d	
CO-MS-RP-1520	D&C Contractor (JH) - Monthly Report Submission 27 to GoldLinQ (2nd Last Friday of following month)	0d		16-Oct-23	171d	
CO-MS-RP-1540	D&C Contractor (JH) - Monthly Report Submission 28 to GoldLinQ (2nd Last Friday of following month)	0d		09-Nov-23	171d	
CO-MS-RP-1560	D&C Contractor (JH) - Monthly Report Submission 29 to GoldLinQ (2nd Last Friday of following month)	0d		05-Dec-23	171d	
CO-MS-RP-1580	D&C Contractor (JH) - Monthly Report Submission 30 to GoldLinQ (2nd Last Friday of following month)	0d		23-Jan-24	171d	
CO-MS-RP-1600	D&C Contractor (JH) - Monthly Report Submission 31 to GoldLinQ (2nd Last Friday of following month)	0d		21-Feb-24	171d	
CO-MS-RP-1620	D&C Contractor (JH) - Monthly Report Submission 32 to GoldLinQ (2nd Last Friday of following month)	0d		20-Mar-24	171d	
CO-MS-RP-1640	D&C Contractor (JH) - Monthly Report Submission 33 to GoldLinQ (2nd Last Friday of following month)	0d		26-Apr-24	171d	
CO-MS-RP-1660	D&C Contractor (JH) - Monthly Report Submission 34 to GoldLinQ (2nd Last Friday of following month)	0d		24-May-24	171d	
CO-MS-RP-1680	D&C Contractor (JH) - Monthly Report Submission 35 to GoldLinQ (2nd Last Friday of following month)	0d		21-Jun-24	171d	
CO-MS-RP-1700	D&C Contractor (JH) - Monthly Report Submission 36 to GoldLinQ (2nd Last Friday of following month)	0d		26-Jul-24	171d	
CO-MS-RP-1720	D&C Contractor (JH) - Monthly Report Submission 37 to GoldLinQ (2nd Last Friday of following month)	0d		09-Aug-24	171d	
CO-MS-RP-1740	D&C Contractor (JH) - Monthly Report Submission 38 to GoldLinQ (2nd Last Friday of following month)	0d		06-Sep-24	171d	
CO-MS-RP-1760	D&C Contractor (JH) - Monthly Report Submission 39 to GoldLinQ (2nd Last Friday of following month)	0d		14-Oct-24	171d	
CO-MS-RP-1780	D&C Contractor (JH) - Monthly Report Submission 40 to GoldLinQ (2nd Last Friday of following month)	0d		07-Nov-24	171d	
CO-MS-RP-1800	D&C Contractor (JH) - Monthly Report Submission 41 to GoldLinQ (2nd Last Friday of following month)	0d		10-Dec-24	171d	
CO-MS-RP-1820	D&C Contractor (JH) - Monthly Report Submission 42 to GoldLinQ (2nd Last Friday of following month)	0d		21-Jan-25	171d	
CO-MS-RP-1840	D&C Contractor (JH) - Monthly Report Submission 43 to GoldLinQ (2nd Last Friday of following month)	0d		19-Feb-25	171d	
CO-MS-RP-1860	D&C Contractor (JH) - Monthly Report Submission 44 to GoldLinQ (2nd Last Friday of following month)	0d		26-Mar-25	171d	
CO-MS-RP-1880	D&C Contractor (JH) - Monthly Report Submission 45 to GoldLinQ (2nd Last Friday of following month)	0d		24-Apr-25	171d	
CO-MS-RP-1900	D&C Contractor (JH) - Monthly Report Submission 46 to GoldLinQ (2nd Last Friday of following month)	0d		23-May-25	171d	
CO-MS-RP-1920	D&C Contractor (JH) - Monthly Report Submission 47 to GoldLinQ (2nd Last Friday of following month)	0d		27-Jun-25	171d	
Bombardier (BT)		905d	19-Jul-21	07-Apr-25	25d	
Key Access Milestones		905d	19-Jul-21	07-Apr-25	25d	

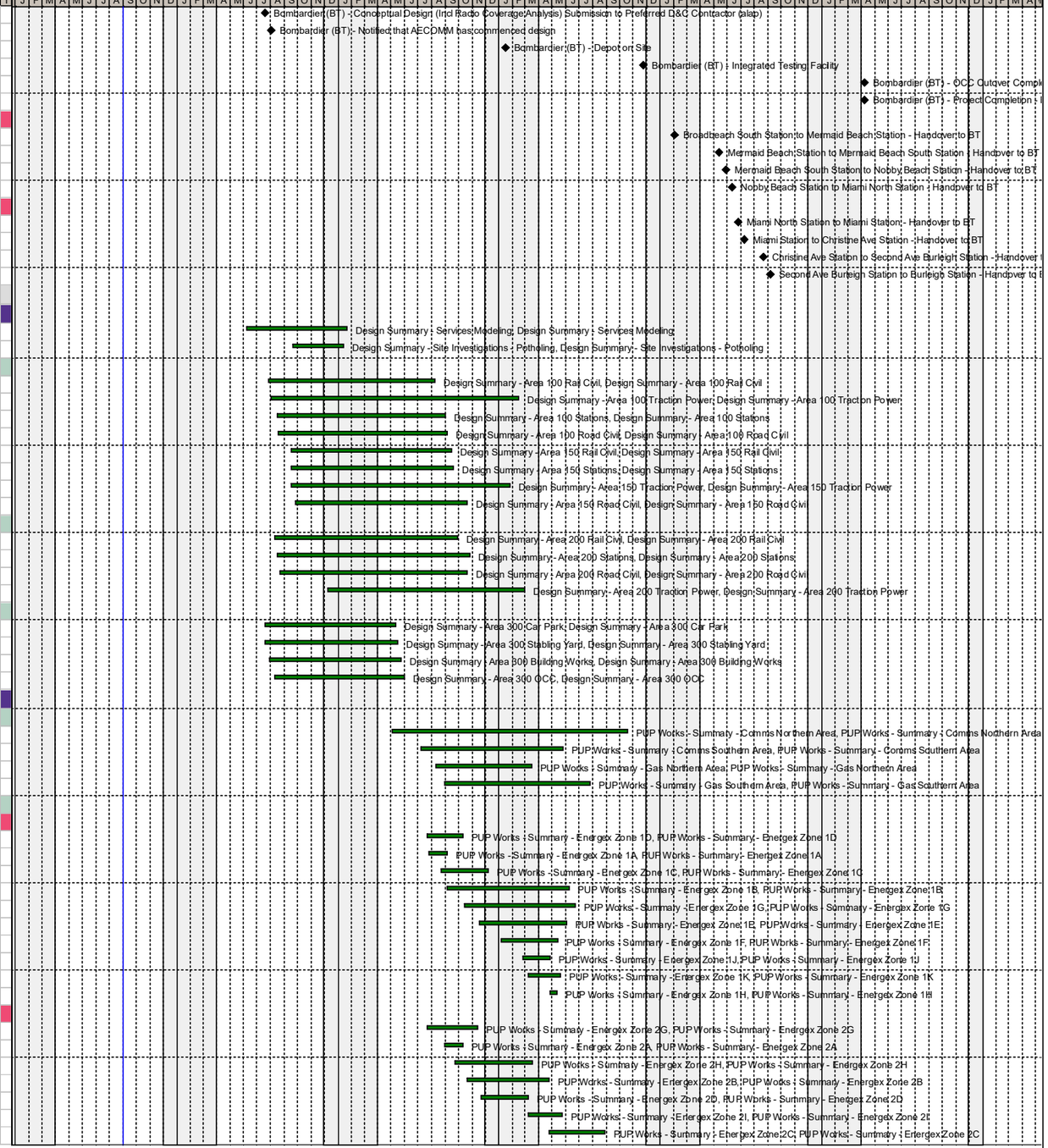


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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
KD-MS-BT-SPB-1000	Bombardier (BT) - Conceptual Design (Incl Radio Coverage Analysis) Submission to Preferred D&C Contractor (ala	0d		19-Jul-21	43d
KD-MS-BT-3740	Bombardier (BT) - Notified that AECOMM has commenced design	0d	02-Aug-21		85d
KD-MS-BT-SPA-1000	Bombardier (BT) - Depot on Site	0d	16-Jan-23		183d
KD-MS-BT-MI5714	Bombardier (BT) - Integrated Testing Facility	0d		24-Nov-23	177d
KD-MS-BT-S008	Bombardier (BT) - OCC Cutover Complete	0d		07-Apr-25	17d
KD-MS-BT-3750	Bombardier (BT) - Project Completion - BT's Scope	0d		07-Apr-25	25d
North		88d	02-Feb-24	11-Jun-24	25d
KD-N-MS-1000	Broadbeach South Station to Mermaid Beach Station - Handover to BT	0d		02-Feb-24*	53d
KD-N-MS-1020	Mermaid Beach Station to Mermaid Beach South Station - Handover to BT	0d		14-May-24	25d
KD-N-MS-1040	Mermaid Beach South Station to Nobby Beach Station - Handover to BT	0d		28-May-24	25d
KD-N-MS-1060	Nobby Beach Station to Miami North Station - Handover to BT	0d		11-Jun-24	25d
South		52d	25-Jun-24	06-Sep-24	3d
KD-S-MS-1000	Miami North Station to Miami Station - Handover to BT	0d		25-Jun-24	25d
KD-S-MS-1020	Miami Station to Christine Ave Station - Handover to BT	0d		09-Jul-24	25d
KD-S-MS-1040	Christine Ave Station to Second Ave Burleigh Station - Handover to BT	0d		22-Aug-24	3d
KD-S-MS-1060	Second Ave Burleigh Station to Burleigh Station - Handover to BT	0d		06-Sep-24	3d
PROJECT SUMMARY		1640d	18-May-21	12-Nov-25	119d
Design		630d	08-Jun-21	27-Feb-23	473d
PS-DG-1020	Design Summary - Services Modeling	227d	08-Jun-21	20-Jan-22	207d
PS-DG-1000	Design Summary - Site Investigations - Potholing	114d	21-Sep-21	12-Jan-22	20d
Northern Area		568d	27-Jul-21	14-Feb-23	421d
PS-DG-1040	Design Summary - Area 100 Rail Civil	378d	27-Jul-21	08-Aug-22	161d
PS-DG-1100	Design Summary - Area 100 Traction Power	561d	03-Aug-21	14-Feb-23	92d
PS-DG-1080	Design Summary - Area 100 Stations	382d	16-Aug-21	01-Sep-22	537d
PS-DG-1060	Design Summary - Area 100 Road Civil	384d	18-Aug-21	05-Sep-22	95d
PS-DG-1120	Design Summary - Area 150 Rail Civil	364d	17-Sep-21	15-Sep-22	246d
PS-DG-1160	Design Summary - Area 150 Stations	368d	17-Sep-21	19-Sep-22	569d
PS-DG-1180	Design Summary - Area 150 Traction Power	496d	17-Sep-21	25-Jan-23	145d
PS-DG-1140	Design Summary - Area 150 Road Civil	389d	27-Sep-21	20-Oct-22	183d
Southern Area		567d	10-Aug-21	27-Feb-23	473d
PS-DG-1220	Design Summary - Area 200 Rail Civil	416d	10-Aug-21	29-Sep-22	225d
PS-DG-1260	Design Summary - Area 200 Stations	438d	16-Aug-21	27-Oct-22	596d
PS-DG-1240	Design Summary - Area 200 Road Civil	425d	23-Aug-21	21-Oct-22	203d
PS-DG-1280	Design Summary - Area 200 Traction Power	447d	08-Dec-21	27-Feb-23	225d
Depot Area		316d	20-Jul-21	31-May-22	471d
PS-DG-1340	Design Summary - Area 300 Car Park	297d	20-Jul-21	12-May-22	274d
PS-DG-1360	Design Summary - Area 300 Stabling Yard	301d	20-Jul-21	16-May-22	291d
PS-DG-1380	Design Summary - Area 300 Building Works	298d	30-Jul-21	23-May-22	371d
PS-DG-1400	Design Summary - Area 300 OCC	295d	10-Aug-21	31-May-22	471d
Services		609d	31-Mar-22	29-Nov-23	272d
Other		532d	04-May-22	18-Oct-23	253d
PS-PUP-4020	PUP Works - Summary - Comms Northern Area	532d	04-May-22	18-Oct-23	219d
PS-PUP-4120	PUP Works - Summary - Comms Southern Area	323d	07-Jul-22	26-May-23	398d
PS-PUP-4000	PUP Works - Summary - Gas Northern Area	217d	10-Aug-22	15-Mar-23	178d
PS-PUP-4100	PUP Works - Summary - Gas Southern Area	330d	30-Aug-22	26-Jul-23	306d
Energex - Contestable		405d	21-Jul-22	29-Aug-23	163d
Northern Area		337d	21-Jul-22	23-Jun-23	230d
PS-PUP-1080	PUP Works - Summary - Energex Zone 1D	82d	21-Jul-22	10-Oct-22	43d
PS-PUP-1020	PUP Works - Summary - Energex Zone 1A	42d	25-Jul-22	06-Sep-22	80d
PS-PUP-1060	PUP Works - Summary - Energex Zone 1C	105d	23-Aug-22	06-Dec-22	158d
PS-PUP-1040	PUP Works - Summary - Energex Zone 1B	277d	06-Sep-22	09-Jun-23	243d
PS-PUP-1140	PUP Works - Summary - Energex Zone 1G	252d	14-Oct-22	23-Jun-23	140d
PS-PUP-1100	PUP Works - Summary - Energex Zone 1E	197d	18-Nov-22	02-Jun-23	133d
PS-PUP-1120	PUP Works - Summary - Energex Zone 1F	129d	05-Jan-23	13-May-23	99d
PS-PUP-1180	PUP Works - Summary - Energex Zone 1J	61d	24-Feb-23	26-Apr-23	119d
PS-PUP-1200	PUP Works - Summary - Energex Zone 1K	74d	07-Mar-23	20-May-23	54d
PS-PUP-1160	PUP Works - Summary - Energex Zone 1H	16d	26-Apr-23	12-May-23	195d
Southern Area		405d	21-Jul-22	29-Aug-23	127d
PS-PUP-1300	PUP Works - Summary - Energex Zone 2G	115d	21-Jul-22	12-Nov-22	180d
PS-PUP-1220	PUP Works - Summary - Energex Zone 2A	42d	30-Aug-22	11-Oct-22	167d
PS-PUP-1320	PUP Works - Summary - Energex Zone 2H	177d	22-Sep-22	18-Mar-23	111d
PS-PUP-1240	PUP Works - Summary - Energex Zone 2B	185d	21-Oct-22	24-Apr-23	85d
PS-PUP-1280	PUP Works - Summary - Energex Zone 2D	106d	21-Nov-22	07-Mar-23	3d
PS-PUP-1340	PUP Works - Summary - Energex Zone 2I	77d	07-Mar-23	23-May-23	93d
PS-PUP-1260	PUP Works - Summary - Energex Zone 2C	127d	24-Apr-23	29-Aug-23	127d

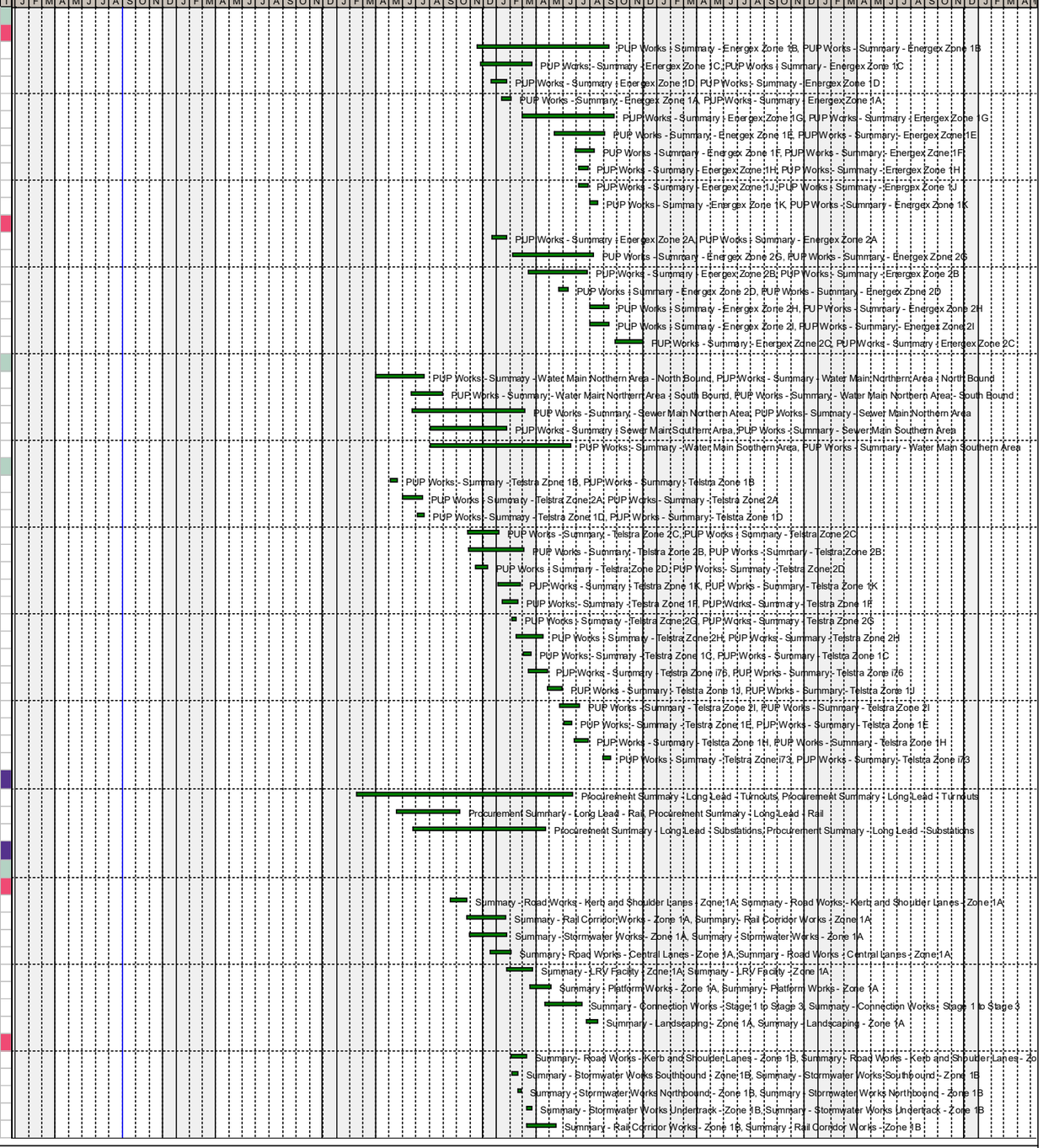


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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
Energex - Non-Contestable		378d	17-Nov-22	29-Nov-23	272d	
Northern Area		312d	17-Nov-22	25-Sep-23	337d	
PS-PUP-2040	PUP Works - Summary - Energex Zone 1B	301d	17-Nov-22	13-Sep-23	340d	
PS-PUP-2060	PUP Works - Summary - Energex Zone 1C	117d	25-Nov-22	22-Mar-23	516d	
PS-PUP-2080	PUP Works - Summary - Energex Zone 1D	35d	19-Dec-22	23-Jan-23	573d	
PS-PUP-2020	PUP Works - Summary - Energex Zone 1A	22d	12-Jan-23	02-Feb-23	290d	
PS-PUP-2140	PUP Works - Summary - Energex Zone 1G	210d	27-Feb-23	25-Sep-23	329d	
PS-PUP-2100	PUP Works - Summary - Energex Zone 1E	116d	11-May-23	04-Sep-23	349d	
PS-PUP-2120	PUP Works - Summary - Energex Zone 1F	44d	29-Jun-23	11-Aug-23	371d	
PS-PUP-2160	PUP Works - Summary - Energex Zone 1H	21d	06-Jul-23	27-Jul-23	389d	
PS-PUP-2180	PUP Works - Summary - Energex Zone 1J	21d	06-Jul-23	27-Jul-23	386d	
PS-PUP-2200	PUP Works - Summary - Energex Zone 1K	19d	31-Jul-23	18-Aug-23	374d	
Southern Area		344d	20-Dec-22	29-Nov-23	271d	
PS-PUP-2220	PUP Works - Summary - Energex Zone 2A	35d	20-Dec-22	24-Jan-23	575d	
PS-PUP-2300	PUP Works - Summary - Energex Zone 2G	183d	07-Feb-23	09-Aug-23	380d	
PS-PUP-2240	PUP Works - Summary - Energex Zone 2B	134d	14-Mar-23	26-Jul-23	390d	
PS-PUP-2280	PUP Works - Summary - Energex Zone 2D	21d	22-May-23	12-Jun-23	406d	
PS-PUP-2320	PUP Works - Summary - Energex Zone 2H	43d	01-Aug-23	13-Sep-23	348d	
PS-PUP-2340	PUP Works - Summary - Energex Zone 2I	43d	01-Aug-23	13-Sep-23	345d	
PS-PUP-2260	PUP Works - Summary - Energex Zone 2C	62d	28-Sep-23	29-Nov-23	271d	
CoGC Water and Sewer		446d	31-Mar-22	19-Jun-23	333d	
PS-PUP-3000	PUP Works - Summary - Water Main Northern Area - North Bound	111d	31-Mar-22	20-Jul-22	6d	
PS-PUP-3020	PUP Works - Summary - Water Main Northern Area - South Bound	71d	20-Jun-22	30-Aug-22	3d	
PS-PUP-3060	PUP Works - Summary - Sewer Main Northern Area	257d	22-Jun-22	06-Mar-23	249d	
PS-PUP-3040	PUP Works - Summary - Sewer Main Southern Area	174d	03-Aug-22	23-Jan-23	414d	
PS-PUP-3100	PUP Works - Summary - Water Main Southern Area	321d	03-Aug-22	19-Jun-23	333d	
Telstra		502d	04-May-22	18-Sep-23	288d	
PS-PUP-5000	PUP Works - Summary - Telstra Zone 1B	17d	04-May-22	20-May-22	308d	
PS-PUP-5240	PUP Works - Summary - Telstra Zone 2A	46d	31-May-22	15-Jul-22	255d	
PS-PUP-5040	PUP Works - Summary - Telstra Zone 1D	16d	05-Jul-22	20-Jul-22	216d	
PS-PUP-5300	PUP Works - Summary - Telstra Zone 2C	71d	27-Oct-22	05-Jan-23	300d	
PS-PUP-5260	PUP Works - Summary - Telstra Zone 2B	125d	29-Oct-22	03-Mar-23	445d	
PS-PUP-5340	PUP Works - Summary - Telstra Zone 2D	28d	12-Nov-22	10-Dec-22	107d	
PS-PUP-5160	PUP Works - Summary - Telstra Zone 1K	52d	04-Jan-23	24-Feb-23	97d	
PS-PUP-5080	PUP Works - Summary - Telstra Zone 1F	35d	13-Jan-23	17-Feb-23	151d	
PS-PUP-5380	PUP Works - Summary - Telstra Zone 2G	10d	04-Feb-23	14-Feb-23	147d	
PS-PUP-5420	PUP Works - Summary - Telstra Zone 2H	62d	14-Feb-23	17-Apr-23	183d	
PS-PUP-5020	PUP Works - Summary - Telstra Zone 1C	19d	02-Mar-23	20-Mar-23	119d	
PS-PUP-5460	PUP Works - Summary - Telstra Zone i76	43d	14-Mar-23	26-Apr-23	433d	
PS-PUP-5140	PUP Works - Summary - Telstra Zone 1J	33d	26-Apr-23	29-May-23	117d	
PS-PUP-5220	PUP Works - Summary - Telstra Zone 2I	46d	23-May-23	07-Jul-23	95d	
PS-PUP-5060	PUP Works - Summary - Telstra Zone 1E	18d	02-Jun-23	20-Jun-23	133d	
PS-PUP-5120	PUP Works - Summary - Telstra Zone 1H	31d	27-Jun-23	28-Jul-23	210d	
PS-PUP-5440	PUP Works - Summary - Telstra Zone i73	19d	30-Aug-23	18-Sep-23	217d	
Procurement - Long Leads		493d	16-Feb-22	23-Jun-23	516d	
PS-PR-1020	Procurement Summary - Long Lead - Turnouts	493d	16-Feb-22	23-Jun-23	516d	
PS-PR-1000	Procurement Summary - Long Lead - Rail	146d	17-May-22	09-Oct-22	277d	
PS-PR-1040	Procurement Summary - Long Lead - Substations	302d	25-Jun-22	22-Apr-23	170d	
Civil - Main Alignment		744d	17-Sep-22	30-Sep-24	228d	
Northern Area		648d	17-Sep-22	26-Jun-24	325d	
Zone 1A		336d	17-Sep-22	19-Aug-23	636d	
PS-DP-1A-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1A	37d	17-Sep-22	24-Oct-22	102d	
PS-DP-1A-1020	Summary - Rail Corridor Works - Zone 1A	88d	24-Oct-22	21-Jan-23	90d	
PS-DP-1A-1040	Summary - Stormwater Works - Zone 1A	85d	31-Oct-22	24-Jan-23	240d	
PS-DP-1A-1010	Summary - Road Works - Central Lanes - Zone 1A	49d	16-Dec-22	03-Feb-23	91d	
PS-DP-1A-1060	Summary - LRV Facility - Zone 1A	59d	24-Jan-23	24-Mar-23	242d	
PS-DP-1A-1080	Summary - Platform Works - Zone 1A	48d	17-Mar-23	04-May-23	292d	
PS-DP-1A-1100	Summary - Connection Works - Stage 1 to Stage 3	85d	20-Apr-23	14-Jul-23	255d	
PS-DP-1A-1120	Summary - Landscaping - Zone 1A	26d	24-Jul-23	19-Aug-23	636d	
Zone 1B		133d	03-Feb-23	16-Jun-23	700d	
PS-DP-1B-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1B	35d	03-Feb-23	10-Mar-23	90d	
PS-DP-1B-1040	Summary - Stormwater Works Southbound - Zone 1B	13d	04-Feb-23	18-Feb-23	91d	
PS-DP-1B-1045	Summary - Stormwater Works Northbound - Zone 1B	7d	18-Feb-23	25-Feb-23	93d	
PS-DP-1B-1050	Summary - Stormwater Works Undertrack - Zone 1B	10d	10-Mar-23	21-Mar-23	90d	
PS-DP-1B-1020	Summary - Rail Corridor Works - Zone 1B	66d	10-Mar-23	15-May-23	74d	

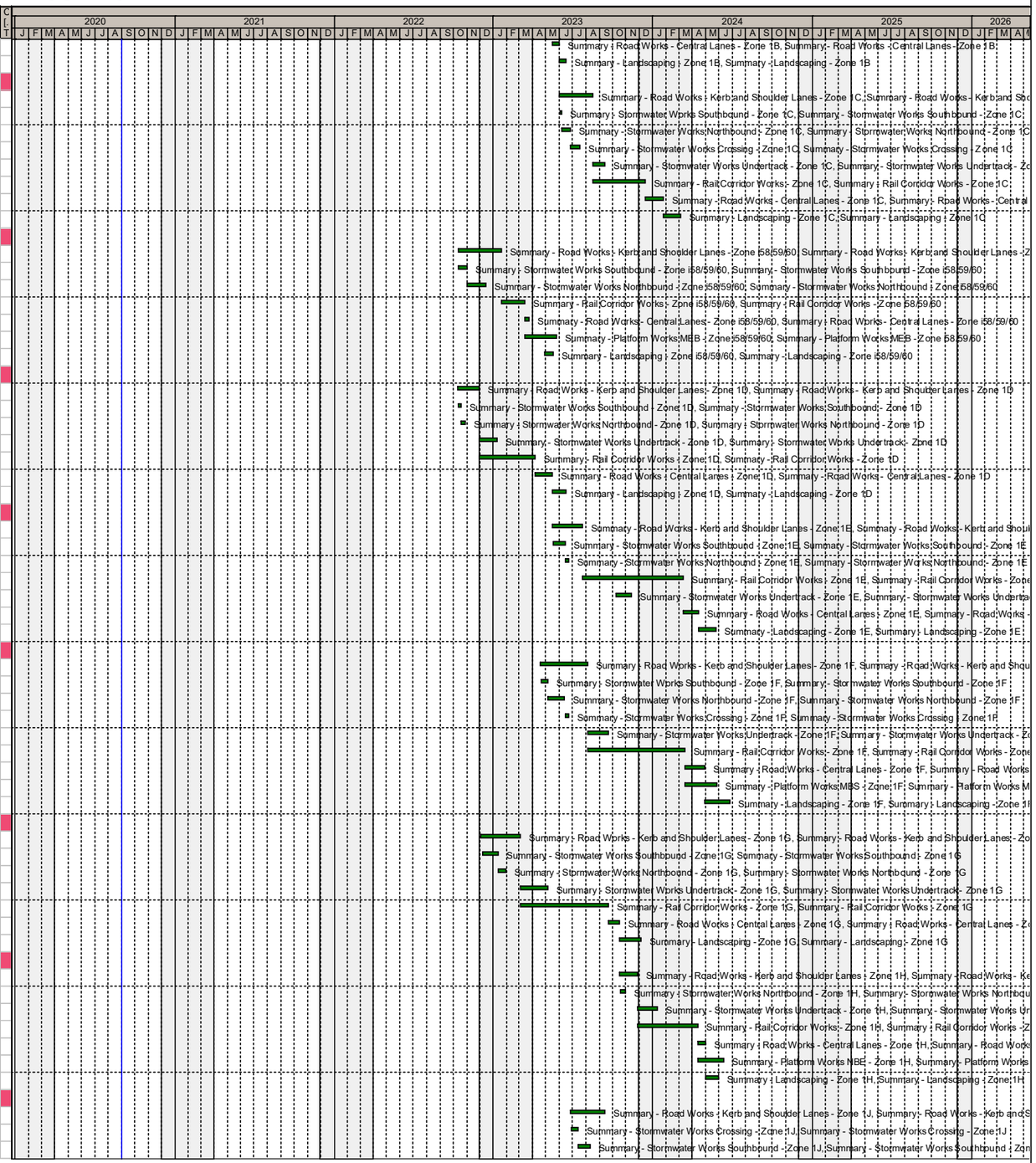


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PS-DP-1B-1010	Summary - Road Works - Central Lanes - Zone 1B	16d	15-May-23	31-May-23	78d
PS-DP-1B-1120	Summary - Landscaping - Zone 1B	17d	31-May-23	16-Jun-23	700d
Zone 1C		279d	31-May-23	04-Mar-24	438d
PS-DP-1C-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1C	79d	31-May-23	17-Aug-23	78d
PS-DP-1C-1040	Summary - Stormwater Works Southbound - Zone 1C	5d	02-Jun-23	07-Jun-23	78d
PS-DP-1C-1042	Summary - Stormwater Works Northbound - Zone 1C	20d	07-Jun-23	27-Jun-23	79d
PS-DP-1C-1048	Summary - Stormwater Works Crossing - Zone 1C	22d	27-Jun-23	18-Jul-23	80d
PS-DP-1C-1046	Summary - Stormwater Works Undertrack - Zone 1C	28d	17-Aug-23	14-Sep-23	82d
PS-DP-1C-1020	Summary - Rail Corridor Works - Zone 1C	119d	17-Aug-23	14-Dec-23	102d
PS-DP-1C-1010	Summary - Road Works - Central Lanes - Zone 1C	42d	14-Dec-23	25-Jan-24	204d
PS-DP-1C-1120	Summary - Landscaping - Zone 1C	39d	25-Jan-24	04-Mar-24	438d
Zone i58		225d	12-Oct-22	26-May-23	722d
PS-DP-I58-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone i58/59/60	100d	12-Oct-22	20-Jan-23	187d
PS-DP-I58-1040	Summary - Stormwater Works Southbound - Zone i58/59/60	20d	13-Oct-22	02-Nov-22	138d
PS-DP-I58-1042	Summary - Stormwater Works Northbound - Zone i58/59/60	43d	02-Nov-22	15-Dec-22	145d
PS-DP-I58-1020	Summary - Rail Corridor Works - Zone i58/59/60	53d	20-Jan-23	14-Mar-23	188d
PS-DP-I58-1010	Summary - Road Works - Central Lanes - Zone i58/59/60	10d	14-Mar-23	24-Mar-23	187d
PS-DP-I58-1080	Summary - Platform Works MEB - Zone i58/59/60	73d	14-Mar-23	26-May-23	481d
PS-DP-I58-1120	Summary - Landscaping - Zone i58/59/60	20d	28-Apr-23	17-May-23	730d
Zone 1D		249d	10-Oct-22	16-Jun-23	700d
PS-DP-1D-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1D	49d	10-Oct-22	28-Nov-22	179d
PS-DP-1D-1040	Summary - Stormwater Works Southbound - Zone 1D	5d	13-Oct-22	18-Oct-22	171d
PS-DP-1D-1042	Summary - Stormwater Works Northbound - Zone 1D	10d	18-Oct-22	28-Oct-22	181d
PS-DP-1D-1044	Summary - Stormwater Works Undertrack - Zone 1D	43d	29-Nov-22	10-Jan-23	161d
PS-DP-1D-1020	Summary - Rail Corridor Works - Zone 1D	129d	29-Nov-22	06-Apr-23	156d
PS-DP-1D-1010	Summary - Road Works - Central Lanes - Zone 1D	40d	06-Apr-23	16-May-23	142d
PS-DP-1D-1120	Summary - Landscaping - Zone 1D	31d	16-May-23	16-Jun-23	700d
Zone 1E		374d	16-May-23	24-May-24	358d
PS-DP-1E-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1E	69d	16-May-23	24-Jul-23	151d
PS-DP-1E-1040	Summary - Stormwater Works Southbound - Zone 1E	28d	18-May-23	15-Jun-23	141d
PS-DP-1E-1042	Summary - Stormwater Works Northbound - Zone 1E	7d	15-Jun-23	22-Jun-23	147d
PS-DP-1E-1020	Summary - Rail Corridor Works - Zone 1E	231d	24-Jul-23	11-Mar-24	81d
PS-DP-1E-1044	Summary - Stormwater Works Undertrack - Zone 1E	34d	10-Oct-23	13-Nov-23	85d
PS-DP-1E-1010	Summary - Road Works - Central Lanes - Zone 1E	36d	11-Mar-24	16-Apr-24	329d
PS-DP-1E-1120	Summary - Landscaping - Zone 1E	38d	16-Apr-24	24-May-24	358d
Zone 1F		434d	18-Apr-23	25-Jun-24	325d
PS-DP-1F-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1F	109d	18-Apr-23	04-Aug-23	40d
PS-DP-1F-1040	Summary - Stormwater Works Southbound - Zone 1F	14d	21-Apr-23	05-May-23	34d
PS-DP-1F-1042	Summary - Stormwater Works Northbound - Zone 1F	39d	05-May-23	13-Jun-23	34d
PS-DP-1F-1046	Summary - Stormwater Works Crossing - Zone 1F	7d	15-Jun-23	22-Jun-23	34d
PS-DP-1F-1044	Summary - Stormwater Works Undertrack - Zone 1F	48d	04-Aug-23	21-Sep-23	35d
PS-DP-1F-1020	Summary - Rail Corridor Works - Zone 1F	223d	04-Aug-23	14-Mar-24	47d
PS-DP-1F-1010	Summary - Road Works - Central Lanes - Zone 1F	46d	14-Mar-24	29-Apr-24	295d
PS-DP-1F-1080	Summary - Platform Works MBS - Zone 1F	74d	14-Mar-24	27-May-24	114d
PS-DP-1F-1120	Summary - Landscaping - Zone 1F	57d	29-Apr-24	25-Jun-24	325d
Zone 1G		368d	02-Dec-22	05-Dec-23	528d
PS-DP-1G-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1G	91d	02-Dec-22	03-Mar-23	50d
PS-DP-1G-1040	Summary - Stormwater Works Southbound - Zone 1G	36d	08-Dec-22	12-Jan-23	42d
PS-DP-1G-1042	Summary - Stormwater Works Northbound - Zone 1G	18d	12-Jan-23	30-Jan-23	39d
PS-DP-1G-1044	Summary - Stormwater Works Undertrack - Zone 1G	64d	03-Mar-23	05-May-23	41d
PS-DP-1G-1020	Summary - Rail Corridor Works - Zone 1G	203d	03-Mar-23	21-Sep-23	40d
PS-DP-1G-1010	Summary - Road Works - Central Lanes - Zone 1G	26d	21-Sep-23	17-Oct-23	41d
PS-DP-1G-1120	Summary - Landscaping - Zone 1G	50d	17-Oct-23	05-Dec-23	528d
Zone 1H		238d	17-Oct-23	11-Jun-24	340d
PS-DP-1H-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1H	42d	17-Oct-23	28-Nov-23	52d
PS-DP-1H-1040	Summary - Stormwater Works Northbound - Zone 1H	11d	19-Oct-23	30-Oct-23	40d
PS-DP-1H-1140	Summary - Stormwater Works Undertrack - Zone 1H	45d	28-Nov-23	12-Jan-24	43d
PS-DP-1H-1020	Summary - Rail Corridor Works - Zone 1H	137d	28-Nov-23	13-Apr-24	40d
PS-DP-1H-1010	Summary - Road Works - Central Lanes - Zone 1H	20d	13-Apr-24	02-May-24	337d
PS-DP-1H-1080	Summary - Platform Works NBE - Zone 1H	59d	13-Apr-24	11-Jun-24	128d
PS-DP-1H-1120	Summary - Landscaping - Zone 1H	28d	02-May-24	30-May-24	351d
Zone 1J		332d	27-Jun-23	24-May-24	358d
PS-DP-1J-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1J	79d	27-Jun-23	14-Sep-23	145d
PS-DP-1J-1140	Summary - Stormwater Works Crossing - Zone 1J	15d	29-Jun-23	14-Jul-23	123d
PS-DP-1J-1040	Summary - Stormwater Works Southbound - Zone 1J	28d	14-Jul-23	11-Aug-23	145d

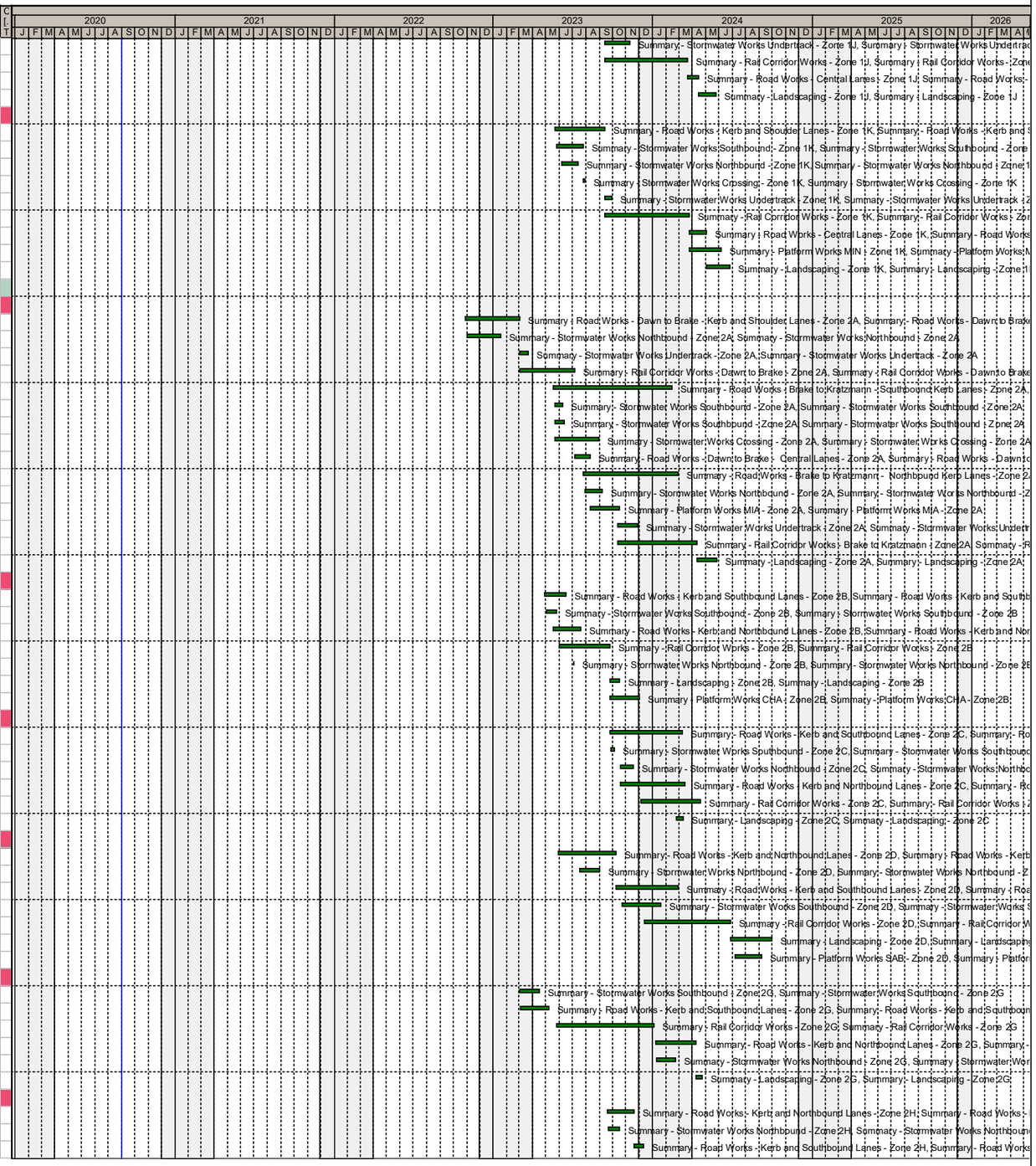


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
PS-DP-1J-1042	Summary - Stormwater Works Undertrack - Zone 1J	57d	14-Sep-23	09-Nov-23	154d	
PS-DP-1J-1020	Summary - Rail Corridor Works - Zone 1J	190d	14-Sep-23	21-Mar-24	148d	
PS-DP-1J-1010	Summary - Road Works - Central Lanes - Zone 1J	25d	21-Mar-24	16-Apr-24	312d	
PS-DP-1J-1120	Summary - Landscaping - Zone 1J	38d	16-Apr-24	24-May-24	358d	
Zone 1K		401d	22-May-23	26-Jun-24	325d	
PS-DP-1K-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1K	115d	22-May-23	13-Sep-23	58d	
PS-DP-1K-1040	Summary - Stormwater Works Southbound - Zone 1K	61d	25-May-23	25-Jul-23	57d	
PS-DP-1K-1042	Summary - Stormwater Works Northbound - Zone 1K	37d	06-Jun-23	13-Jul-23	74d	
PS-DP-1K-1046	Summary - Stormwater Works Crossing - Zone 1K	4d	25-Jul-23	29-Jul-23	58d	
PS-DP-1K-1044	Summary - Stormwater Works Undertrack - Zone 1K	16d	14-Sep-23	29-Sep-23	63d	
PS-DP-1K-1020	Summary - Rail Corridor Works - Zone 1K	194d	14-Sep-23	25-Mar-24	67d	
PS-DP-1K-1010	Summary - Road Works - Central Lanes - Zone 1K	39d	25-Mar-24	03-May-24	300d	
PS-DP-1K-1080	Summary - Platform Works MIN - Zone 1K	72d	25-Mar-24	05-Jun-24	139d	
PS-DP-1K-1120	Summary - Landscaping - Zone 1K	54d	03-May-24	26-Jun-24	325d	
Southern Area		703d	28-Oct-22	30-Sep-24	228d	
Zone 2A		576d	28-Oct-22	27-May-24	355d	
PS-DP-2A-1000	Summary - Road Works - Dawn to Brake - Kerb and Shoulder Lanes - Zone 2A	124d	28-Oct-22	01-Mar-23	146d	
PS-DP-2A-1042	Summary - Stormwater Works Northbound - Zone 2A	76d	02-Nov-22	17-Jan-23	153d	
PS-DP-2A-1048	Summary - Stormwater Works Undertrack - Zone 2A	20d	02-Mar-23	21-Mar-23	141d	
PS-DP-2A-1020	Summary - Rail Corridor Works - Dawn to Brake - Zone 2A	127d	02-Mar-23	06-Jul-23	309d	
PS-DP-2A-1140	Summary - Road Works - Brake to Kratzmann - Southbound Kerb Lanes - Zone 2A	274d	17-May-23	15-Feb-24	160d	
PS-DP-2A-1040	Summary - Stormwater Works Southbound - Zone 2A	19d	22-May-23	09-Jun-23	146d	
PS-DP-2A-1050	Summary - Stormwater Works Southbound - Zone 2A	23d	22-May-23	13-Jun-23	142d	
PS-DP-2A-1220	Summary - Stormwater Works Crossing - Zone 2A	101d	22-May-23	31-Aug-23	165d	
PS-DP-2A-1010	Summary - Road Works - Dawn to Brake - Central Lanes - Zone 2A	36d	06-Jul-23	11-Aug-23	311d	
PS-DP-2A-1180	Summary - Road Works - Brake to Kratzmann - Northbound Kerb Lanes - Zone 2A	218d	25-Jul-23	28-Feb-24	156d	
PS-DP-2A-1044	Summary - Stormwater Works Northbound - Zone 2A	41d	29-Jul-23	08-Sep-23	156d	
PS-DP-2A-1080	Summary - Platform Works MIA - Zone 2A	67d	11-Aug-23	17-Oct-23	351d	
PS-DP-2A-1046	Summary - Stormwater Works Undertrack - Zone 2A	46d	12-Oct-23	28-Nov-23	163d	
PS-DP-2A-1160	Summary - Rail Corridor Works - Brake to Kratzmann - Zone 2A	182d	12-Oct-23	11-Apr-24	193d	
PS-DP-2A-1120	Summary - Landscaping - Zone 2A	46d	11-Apr-24	27-May-24	355d	
Zone 2B		217d	28-Apr-23	01-Dec-23	533d	
PS-DP-2B-1000	Summary - Road Works - Kerb and Southbound Lanes - Zone 2B	49d	28-Apr-23	16-Jun-23	406d	
PS-DP-2B-1040	Summary - Stormwater Works Southbound - Zone 2B	23d	02-May-23	25-May-23	79d	
PS-DP-2B-1010	Summary - Road Works - Kerb and Northbound Lanes - Zone 2B	63d	18-May-23	20-Jul-23	383d	
PS-DP-2B-1020	Summary - Rail Corridor Works - Zone 2B	118d	31-May-23	26-Sep-23	330d	
PS-DP-2B-1160	Summary - Stormwater Works Northbound - Zone 2B	0d	05-Jul-23	05-Jul-23	83d	
PS-DP-2B-1120	Summary - Landscaping - Zone 2B	21d	26-Sep-23	16-Oct-23	578d	
PS-DP-2B-1080	Summary - Platform Works CHA - Zone 2B	66d	26-Sep-23	01-Dec-23	253d	
Zone 2C		207d	26-Sep-23	20-Apr-24	392d	
PS-DP-2C-1000	Summary - Road Works - Kerb and Southbound Lanes - Zone 2C	164d	26-Sep-23	08-Mar-24	99d	
PS-DP-2C-1040	Summary - Stormwater Works Southbound - Zone 2C	8d	27-Sep-23	05-Oct-23	105d	
PS-DP-2C-1042	Summary - Stormwater Works Northbound - Zone 2C	30d	18-Oct-23	17-Nov-23	109d	
PS-DP-2C-1010	Summary - Road Works - Kerb and Northbound Lanes - Zone 2C	148d	18-Oct-23	14-Mar-24	100d	
PS-DP-2C-1020	Summary - Rail Corridor Works - Zone 2C	137d	05-Dec-23	20-Apr-24	88d	
PS-DP-2C-1120	Summary - Landscaping - Zone 2C	17d	24-Feb-24	11-Mar-24	431d	
Zone 2D		490d	29-May-23	30-Sep-24	228d	
PS-DP-2D-1000	Summary - Road Works - Kerb and Northbound Lanes - Zone 2D	133d	29-May-23	08-Oct-23	2d	
PS-DP-2D-1042	Summary - Stormwater Works Northbound - Zone 2D	46d	17-Jul-23	01-Sep-23	6d	
PS-DP-2D-1010	Summary - Road Works - Kerb and Southbound Lanes - Zone 2D	143d	09-Oct-23	28-Feb-24	44d	
PS-DP-2D-1040	Summary - Stormwater Works Southbound - Zone 2D	88d	23-Oct-23	19-Jan-24	5d	
PS-DP-2D-1020	Summary - Rail Corridor Works - Zone 2D	199d	12-Dec-23	28-Jun-24	5d	
PS-DP-2D-1120	Summary - Landscaping - Zone 2D	94d	28-Jun-24	30-Sep-24	228d	
PS-DP-2D-1080	Summary - Platform Works SAB - Zone 2D	61d	08-Jul-24	07-Sep-24	25d	
Zone 2G		420d	02-Mar-23	24-Apr-24	387d	
PS-DP-2G-1040	Summary - Stormwater Works Southbound - Zone 2G	46d	02-Mar-23	17-Apr-23	137d	
PS-DP-2G-1000	Summary - Road Works - Kerb and Southbound Lanes - Zone 2G	66d	03-Mar-23	08-May-23	136d	
PS-DP-2G-1020	Summary - Rail Corridor Works - Zone 2G	222d	26-May-23	03-Jan-24	156d	
PS-DP-2G-1010	Summary - Road Works - Kerb and Northbound Lanes - Zone 2G	92d	08-Jan-24	09-Apr-24	136d	
PS-DP-2G-1042	Summary - Stormwater Works Northbound - Zone 2G	45d	09-Jan-24	23-Feb-24	148d	
PS-DP-2G-1120	Summary - Landscaping - Zone 2G	16d	09-Apr-24	24-Apr-24	387d	
Zone 2H		202d	20-Sep-23	09-Apr-24	402d	
PS-DP-2H-1000	Summary - Road Works - Kerb and Northbound Lanes - Zone 2H	61d	20-Sep-23	20-Nov-23	185d	
PS-DP-2H-1040	Summary - Stormwater Works Northbound - Zone 2H	25d	21-Sep-23	16-Oct-23	186d	
PS-DP-2H-1010	Summary - Road Works - Kerb and Southbound Lanes - Zone 2H	21d	20-Nov-23	11-Dec-23	185d	

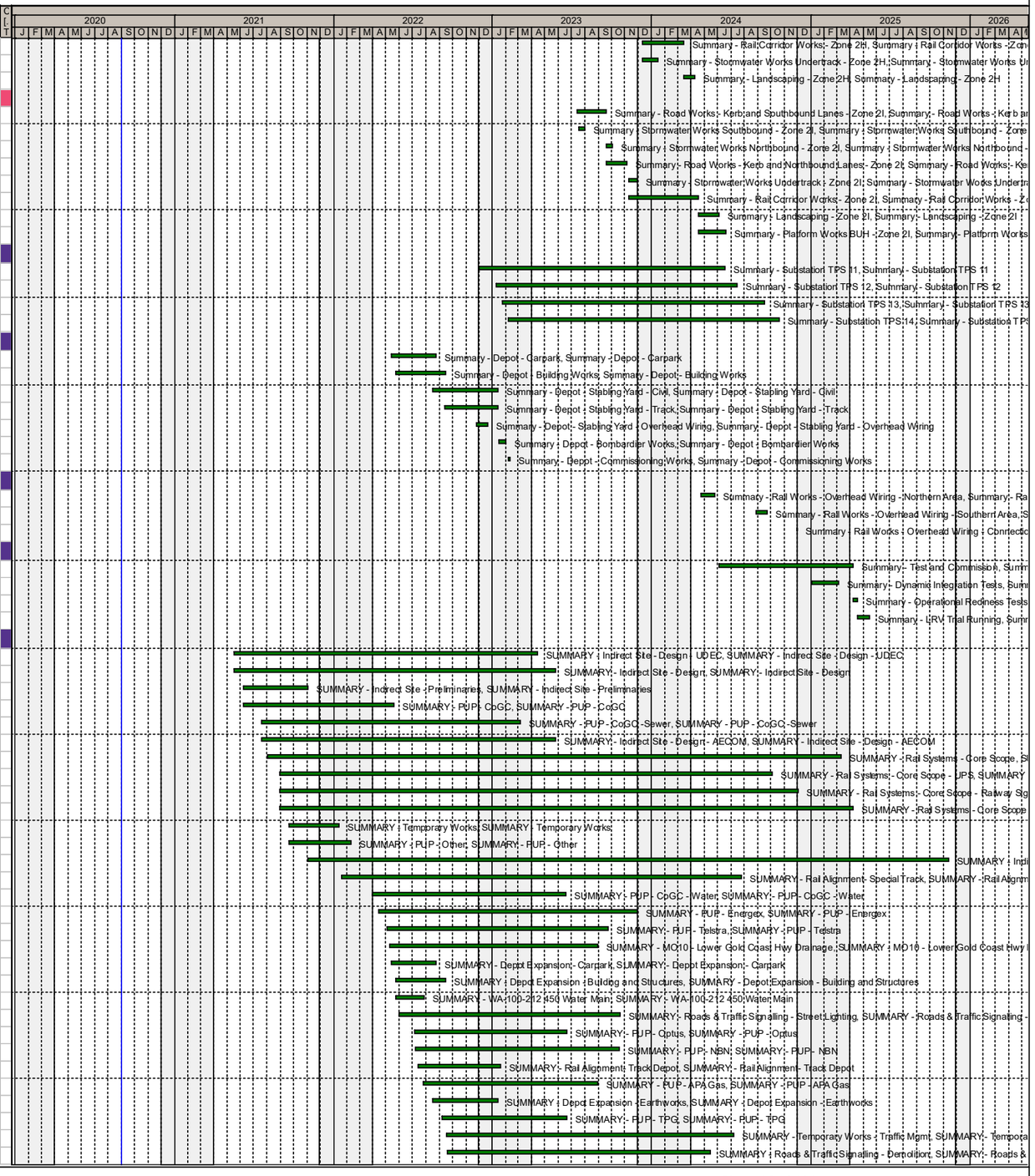


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C [illegible] T
PS-DP-2H-1020	Summary - Rail Corridor Works - Zone 2H	95d	12-Dec-23	15-Mar-24	161d	
PS-DP-2H-1140	Summary - Stormwater Works Undertrack - Zone 2H	35d	12-Dec-23	15-Jan-24	165d	
PS-DP-2H-1120	Summary - Landscaping - Zone 2H	25d	15-Mar-24	09-Apr-24	402d	
Zone 2I		342d	14-Jul-23	20-Jun-24	330d	
PS-DP-2I-1000	Summary - Road Works - Kerb and Southbound Lanes - Zone 2I	68d	14-Jul-23	20-Sep-23	114d	
PS-DP-2I-1040	Summary - Stormwater Works Southbound - Zone 2I	14d	18-Jul-23	01-Aug-23	100d	
PS-DP-2I-1042	Summary - Stormwater Works Northbound - Zone 2I	13d	20-Sep-23	04-Oct-23	118d	
PS-DP-2I-1010	Summary - Road Works - Kerb and Northbound Lanes - Zone 2I	46d	20-Sep-23	06-Nov-23	123d	
PS-DP-2I-1044	Summary - Stormwater Works Undertrack - Zone 2I	21d	09-Nov-23	29-Nov-23	120d	
PS-DP-2I-1020	Summary - Rail Corridor Works - Zone 2I	161d	09-Nov-23	18-Apr-24	98d	
PS-DP-2I-1120	Summary - Landscaping - Zone 2I	48d	18-Apr-24	04-Jun-24	346d	
PS-DP-2I-1080	Summary - Platform Works BUH - Zone 2I	63d	18-Apr-24	20-Jun-24	112d	
Traction Power Substations		689d	02-Dec-22	21-Oct-24	25d	
PS-DP-TP-1000	Summary - Substation TPS 11	564d	02-Dec-22	18-Jun-24	150d	
PS-DP-TP-1020	Summary - Substation TPS 12	554d	09-Jan-23	16-Jul-24	119d	
PS-DP-TP-1040	Summary - Substation TPS 13	602d	23-Jan-23	16-Sep-24	42d	
PS-DP-TP-1060	Summary - Substation TPS 14	622d	07-Feb-23	21-Oct-24	3d	
Depot / Stabling Yard		273d	13-May-22	09-Feb-23	257d	
PS-DP-4A-1000	Summary - Depot - Carpark	104d	13-May-22	24-Aug-22	426d	
PS-DP-4B-1060	Summary - Depot - Building Works	114d	24-May-22	14-Sep-22	401d	
PS-DP-4B-1000	Summary - Depot - Stabling Yard - Civil	149d	17-Aug-22	13-Jan-23	280d	
PS-DP-4B-1020	Summary - Depot - Stabling Yard - Track	123d	13-Sep-22	13-Jan-23	258d	
PS-DP-4B-1040	Summary - Depot - Stabling Yard - Overhead Wiring	26d	25-Nov-22	20-Dec-22	304d	
PS-DP-4B-1100	Summary - Depot - Bombardier Works	15d	16-Jan-23	30-Jan-23	263d	
PS-DP-4B-1080	Summary - Depot - Commissioning Works	3d	07-Feb-23	09-Feb-23	257d	
Rail		221d	24-Apr-24	01-Dec-24	0d	
PS-OH-8000	Summary - Rail Works - Overhead Wiring - Northern Area	30d	24-Apr-24	24-May-24	190d	
PS-OH-8020	Summary - Rail Works - Overhead Wiring - Southern Area	26d	28-Aug-24	23-Sep-24	69d	
PS-OH-8040	Summary - Rail Works - Overhead Wiring - Connection to Stage 1 (BBS)	2d	30-Nov-24	01-Dec-24	0d	
Commissioning		347d	04-Jun-24	16-May-25	0d	
PS-CM-9000	Summary - Test and Commission	307d	04-Jun-24	07-Apr-25	0d	
PS-CM-9960	Summary - Dynamic Integration Tests	62d	03-Jan-25	06-Mar-25	32d	
PS-CM-9980	Summary - Operational Redines Tests (ORT)	10d	07-Apr-25	17-Apr-25	0d	
PS-CM-9900	Summary - LRV Trial Running	29d	18-Apr-25	16-May-25	0d	
Cost Breakdown Structure		1640d	18-May-21	12-Nov-25	119d	
PS-R-DG-1040	SUMMARY - Indirect Site - Design - UDEC	697d	18-May-21	14-Apr-23	1062d	
PS-R-DG-1000	SUMMARY - Indirect Site - Design	739d	18-May-21	26-May-23	1020d	
PS-R-IDS-1000	SUMMARY - Indirect Site - Preliminaries	149d	08-Jun-21	03-Nov-21	131d	
PS-R-PUP-1000	SUMMARY - PUP - CoGC	347d	08-Jun-21	20-May-22	32d	
PS-R-PUP-1040	SUMMARY - PUP - CoGC -Sewer	594d	20-Jul-21	06-Mar-23	249d	
PS-R-DG-1020	SUMMARY - Indirect Site - Design - AECOM	676d	20-Jul-21	26-May-23	1020d	
PS-R-RSC-1000	SUMMARY - Rail Systems - Core Scope	1316d	03-Aug-21	11-Mar-25	67d	
PS-R-RSC-1120	SUMMARY - Rail Systems - Core Scope - UPS	1131d	30-Aug-21	04-Oct-24	6d	
PS-R-RSC-1140	SUMMARY - Rail Systems - Core Scope - Railway Signalling	1190d	30-Aug-21	02-Dec-24	3d	
PS-R-RSC-1160	SUMMARY - Rail Systems - Core Scope - ITF + DRC	1317d	30-Aug-21	07-Apr-25	0d	
PS-R-TW-1000	SUMMARY - Temporary Works	114d	21-Sep-21	12-Jan-22	20d	
PS-R-PUP-1180	SUMMARY - PUP - Other	143d	21-Sep-21	10-Feb-22	6d	
PS-R-IND-1020	SUMMARY - Indirect Site - Project Management	1470d	04-Nov-21	12-Nov-25	119d	
PS-R-RAL-1020	SUMMARY - Rail Alignment- Special Track	920d	19-Jan-22	26-Jul-24	127d	
PS-R-PUP-1020	SUMMARY - PUP - CoGC - Water	446d	31-Mar-22	19-Jun-23	113d	
PS-R-PUP-1060	SUMMARY - PUP - Energex	594d	15-Apr-22	29-Nov-23	271d	
PS-R-PUP-1080	SUMMARY - PUP - Telstra	508d	04-May-22	23-Sep-23	244d	
PS-R-MO10-1000	SUMMARY - MO10 - Lower Gold Coast Hwy Drainage	479d	10-May-22	31-Aug-23	434d	
PS-R-DE-1040	SUMMARY - Depot Expansion - Carpark	104d	13-May-22	24-Aug-22	426d	
PS-R-DE-1020	SUMMARY - Depot Expansion - Building and Structures	114d	24-May-22	14-Sep-22	401d	
PS-R-450-1000	SUMMARY - WA-100-212 450 Water Main	65d	24-May-22	27-Jul-22	6d	
PS-R-RTS-1140	SUMMARY - Roads & Traffic Signalling - Street Lighting	507d	31-May-22	20-Oct-23	249d	
PS-R-PUP-1120	SUMMARY - PUP - Optus	350d	06-Jul-22	21-Jun-23	160d	
PS-R-PUP-1160	SUMMARY - PUP - NBN	468d	07-Jul-22	18-Oct-23	219d	
PS-R-RAL-1060	SUMMARY - Rail Alignment- Track Depot	191d	14-Jul-22	20-Jan-23	259d	
PS-R-PUP-1100	SUMMARY - PUP - APA Gas	401d	26-Jul-22	31-Aug-23	127d	
PS-R-DE-1000	SUMMARY - Depot Expansion - Earthworks	149d	17-Aug-22	13-Jan-23	280d	
PS-R-PUP-1140	SUMMARY - PUP - TPG	286d	08-Sep-22	21-Jun-23	160d	
PS-R-RSC-1180	SUMMARY - Temporary Works - Traffic Mgmt	660d	17-Sep-22	08-Jul-24	3d	
PS-R-RTS-1000	SUMMARY - Roads & Traffic Signalling - Demolition	605d	19-Sep-22	16-May-24	82d	



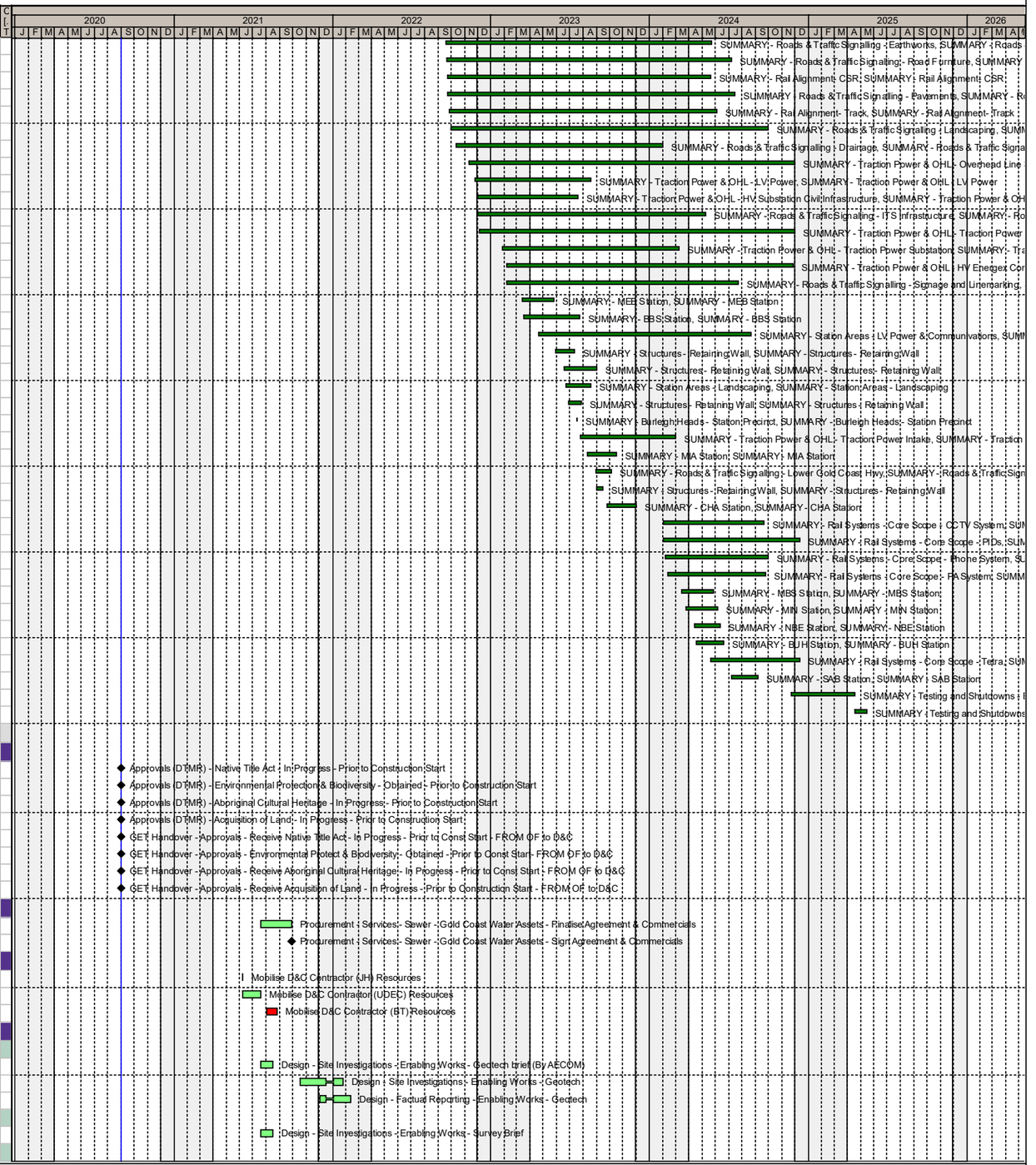
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C P
PS-R-RTS-1020	SUMMARY - Roads & Traffic Signalling - Earthworks	612d	19-Sep-22	23-May-24	86d	
PS-R-RTS-1080	SUMMARY - Roads & Traffic Signalling - Road Furniture	656d	21-Sep-22	08-Jul-24	283d	
PS-R-RAL-1040	SUMMARY - Rail Alignment- CSR	607d	22-Sep-22	21-May-24	81d	
PS-R-RTS-1040	SUMMARY - Roads & Traffic Signalling - Pavements	661d	23-Sep-22	16-Jul-24	297d	
PS-R-RAL-1000	SUMMARY - Rail Alignment- Track	615d	27-Sep-22	03-Jun-24	85d	
PS-R-RTS-1100	SUMMARY - Roads & Traffic Signalling - Landscaping	732d	30-Sep-22	30-Sep-24	228d	
PS-R-RTS-1120	SUMMARY - Roads & Traffic Signalling - Drainage	477d	13-Oct-22	01-Feb-24	181d	
PS-R-TP-1120	SUMMARY - Traction Power & OHL - Overhead Line System	752d	11-Nov-22	01-Dec-24	0d	
PS-R-TP-1000	SUMMARY - Traction Power & OHL - LV Power	268d	25-Nov-22	19-Aug-23	103d	
PS-R-TP-1040	SUMMARY - Traction Power & OHL - HV Substation Civil Infrastructure	231d	02-Dec-22	20-Jul-23	81d	
PS-R-RTS-1160	SUMMARY - Roads & Traffic Signalling - ITS Infrastructure	524d	02-Dec-22	08-May-24	159d	
PS-R-TP-1100	SUMMARY - Traction Power & OHL - Traction Power Cabling	727d	06-Dec-22	01-Dec-24	0d	
PS-R-TP-1080	SUMMARY - Traction Power & OHL - Traction Power Substation	407d	27-Jan-23	09-Mar-24	122d	
PS-R-TP-1020	SUMMARY - Traction Power & OHL - HV Energex Connections TPS	659d	06-Feb-23	26-Nov-24	3d	
PS-R-RTS-1180	SUMMARY - Roads & Traffic Signalling - Signage and Linemarking	533d	06-Feb-23	23-Jul-24	298d	
PS-R-ST-1020	SUMMARY - MEB Station	73d	14-Mar-23	26-May-23	481d	
PS-R-ST-1000	SUMMARY - BBS Station	129d	17-Mar-23	24-Jul-23	622d	
PS-R-ST-1200	SUMMARY - Station Areas - LV Power & Communivations	490d	20-Apr-23	22-Aug-24	5d	
PS-R-STR-1020	SUMMARY - Structures - Retaining Wall	44d	29-May-23	11-Jul-23	139d	
PS-R-STR-1060	SUMMARY - Structures - Retaining Wall	74d	19-Jun-23	01-Sep-23	6d	
PS-R-ST-1180	SUMMARY - Station Areas - Landscaping	57d	23-Jun-23	19-Aug-23	636d	
PS-R-STR-1000	SUMMARY - Structures - Retaining Wall	29d	29-Jun-23	28-Jul-23	159d	
PS-R-BUH-1000	SUMMARY - Burleigh Heads - Station Precinct	0d	18-Jul-23	18-Jul-23	967d	
PS-R-TP-1060	SUMMARY - Traction Power & OHL - Traction Power Intake	219d	26-Jul-23	01-Mar-24	237d	
PS-R-ST-1100	SUMMARY - MIA Station	67d	11-Aug-23	17-Oct-23	351d	
PS-R-RTS-1060	SUMMARY - Roads & Traffic Signalling - Lower Gold Coast Hwy	35d	31-Aug-23	05-Oct-23	433d	
PS-R-STR-1040	SUMMARY - Structures - Retaining Wall	14d	01-Sep-23	15-Sep-23	431d	
PS-R-ST-1120	SUMMARY - CHA Station	66d	26-Sep-23	01-Dec-23	253d	
PS-R-RSC-1080	SUMMARY - Rail Systems - Core Scope - CCTV System	231d	02-Feb-24	20-Sep-24	13d	
PS-R-RSC-1040	SUMMARY - Rail Systems - Core Scope - PIDs	315d	02-Feb-24	13-Dec-24	7d	
PS-R-RSC-1100	SUMMARY - Rail Systems - Core Scope - Phone System	237d	06-Feb-24	30-Sep-24	3d	
PS-R-RSC-1060	SUMMARY - Rail Systems - Core Scope - PA System	226d	12-Feb-24	25-Sep-24	5d	
PS-R-ST-1040	SUMMARY - MBS Station	74d	14-Mar-24	27-May-24	114d	
PS-R-ST-1080	SUMMARY - MIN Station	72d	25-Mar-24	05-Jun-24	139d	
PS-R-ST-1060	SUMMARY - NBE Station	59d	13-Apr-24	11-Jun-24	128d	
PS-R-ST-1160	SUMMARY - BUH Station	63d	18-Apr-24	20-Jun-24	112d	
PS-R-RSC-1020	SUMMARY - Rail Systems - Core Scope - Tetra	205d	21-May-24	12-Dec-24	70d	
PS-R-ST-1140	SUMMARY - SAB Station	61d	08-Jul-24	07-Sep-24	25d	
PS-R-TS-1000	SUMMARY - Testing and Shutdowns - Energisations	147d	22-Nov-24	17-Apr-25	0d	
PS-R-TS-1020	SUMMARY - Testing and Shutdowns - Pre-Revenue Ops	29d	18-Apr-25	16-May-25	0d	
ENABLING WORKS		344d	31-Aug-20	11-Feb-22	127d	
GoldlinQ / State Approvals		0d	31-Aug-20	31-Aug-20	392d	
PP-TMR-AP-1000	Approvals (DTMR) - Native Title Act - In Progress - Prior to Construction Start	0d		31-Aug-20	392d	
PP-TMR-AP-1020	Approvals (DTMR) - Environmental Protection & Biodiversity - Obtained - Prior to Construction Start	0d		31-Aug-20	392d	
PP-TMR-AP-1040	Approvals (DTMR) - Aboriginal Cultural Heritage - In Progress - Prior to Construction Start	0d		31-Aug-20	392d	
PP-TMR-AP-1060	Approvals (DTMR) - Acquisition of Land - In Progress - Prior to Construction Start	0d		31-Aug-20	392d	
GE-DC-OF-1000	GET Handover - Approvals - Receive Native Title Act - In Progress - Prior to Const Start - FROM OF to D&C	0d		31-Aug-20	392d	
GE-DC-OF-1020	GET Handover - Approvals - Environmental Protect & Biodiversity - Obtained - Prior to Const Start- FROM OF to D	0d		31-Aug-20	392d	
GE-DC-OF-1040	GET Handover - Approvals - Receive Aboriginal Cultural Heritage - In Progress - Prior to Const Start - FROM OF t	0d		31-Aug-20	392d	
GE-DC-OF-1060	GET Handover - Approvals - Receive Acquisition of Land - In Progress - Prior to Construction Start - FROM OF to	0d		31-Aug-20	392d	
Procurement - Services Contract Agreement (CoGC)		50d	20-Jul-21	28-Sep-21	159d	
PR-SV-SW-1000	Procurement - Services - Sewer - Gold Coast Water Assets - Finalise Agreement & Commercials	50d	20-Jul-21	28-Sep-21	159d	
PR-SV-SW-1020	Procurement - Services - Sewer - Gold Coast Water Assets - Sign Agreement & Commercials	0d		28-Sep-21	159d	
Mobilisation of Key Resources		58d	08-Jun-21	26-Aug-21	167d	
DG-MO-3000	Mobilise D&C Contractor (JH) Resources	0d	08-Jun-21	08-Jun-21	9d	
DG-MO-3020	Mobilise D&C Contractor (UDEC) Resources	30d	08-Jun-21	19-Jul-21	20d	
DG-MO-3040	Mobilise D&C Contractor (BT) Resources	18d	03-Aug-21	26-Aug-21	167d	
Site Investigations - AECOM		135d	20-Jul-21	11-Feb-22	82d	
Geotech Site Investigation		135d	20-Jul-21	11-Feb-22	82d	
DG-SI-9670	Design - Site Investigations - Enabling Works - Geotech brief (By AECOM)	20d	20-Jul-21	16-Aug-21	82d	
DG-SI-9690	Design - Site Investigations - Enabling Works - Geotech	60d	18-Oct-21	24-Jan-22	82d	
DG-SI-9700	Design - Factual Reporting - Enabling Works - Geotech	40d	02-Dec-21	11-Feb-22	82d	
Survey Brief		20d	20-Jul-21	16-Aug-21	23d	
DG-SI-9720	Design - Site Investigations - Enabling Works - Survey Brief	20d	20-Jul-21	16-Aug-21	23d	
Pavement Site Investigation		80d	20-Jul-21	10-Nov-21	102d	

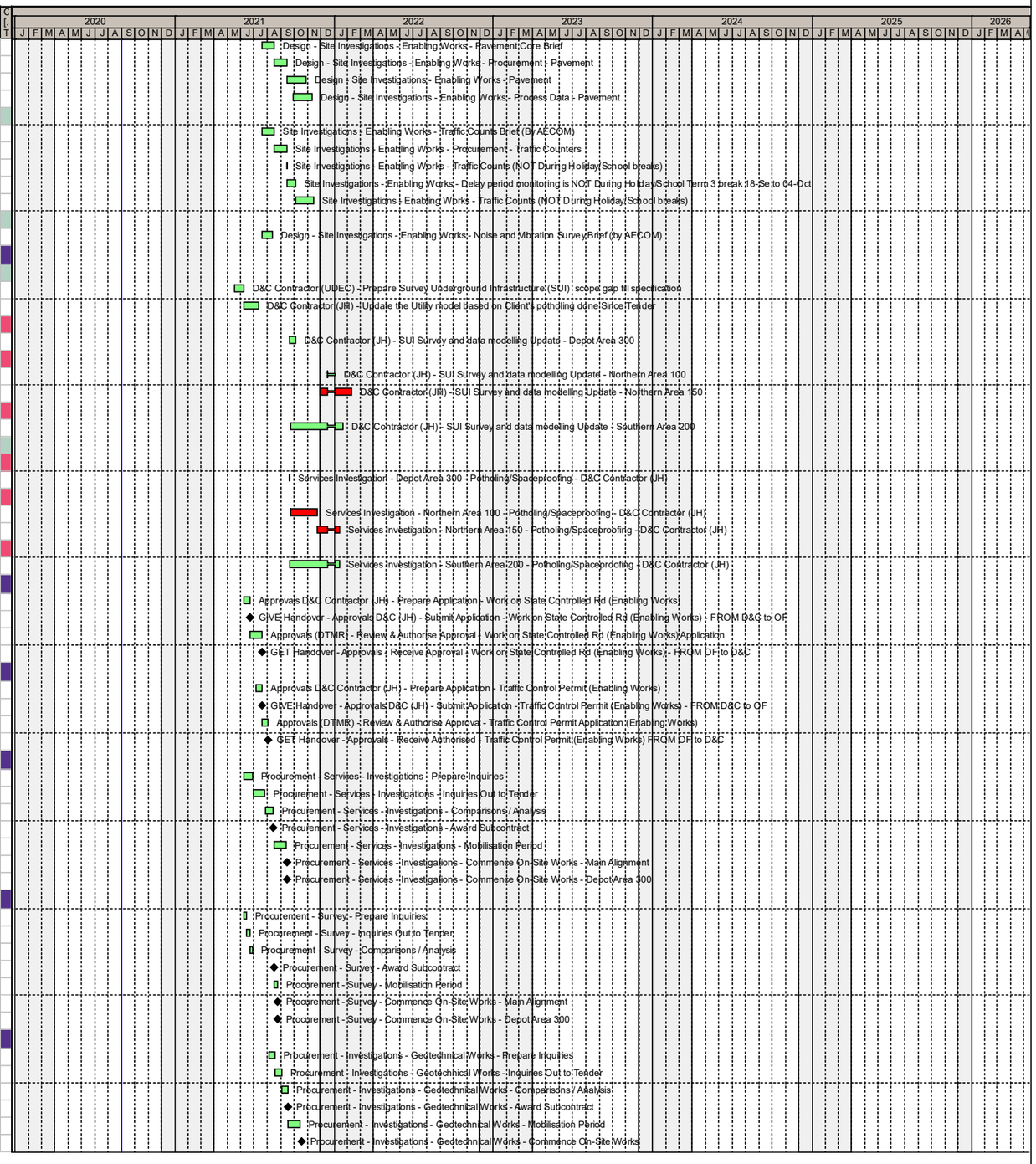


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Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C [illegible] T
DG-SI-9830	Design - Site Investigations - Enabling Works - Pavement Core Brief	20d	20-Jul-21	16-Aug-21	102d	
DG-SI-9840	Design - Site Investigations - Enabling Works - Procurement - Pavement	20d	17-Aug-21	14-Sep-21	102d	
DG-SI-9850	Design - Site Investigations - Enabling Works - Pavement	30d	15-Sep-21	27-Oct-21	102d	
DG-SI-9860	Design - Site Investigations - Enabling Works - Process Data - Pavement	30d	29-Sep-21	10-Nov-21	102d	
Traffic Counts		83d	20-Jul-21	15-Nov-21	95d	
DG-SI-9880	Site Investigations - Enabling Works - Traffic Counts Brief (By AECOM)	20d	20-Jul-21	16-Aug-21	94d	
DG-SI-9890	Site Investigations - Enabling Works - Procurement - Traffic Counters	20d	17-Aug-21	14-Sep-21	94d	
DG-SI-9900	Site Investigations - Enabling Works - Traffic Counts (NOT During Holiday/School breaks)	0d	15-Sep-21	15-Sep-21	94d	
DG-SI-9930	Site Investigations - Enabling Works - Delay period monitoring is NOT During Holiday/School Term 3 break 18-Se t	20d	15-Sep-21	04-Oct-21	149d	
DG-SI-9950	Site Investigations - Enabling Works - Traffic Counts (NOT During Holiday/School breaks)	30d	05-Oct-21	15-Nov-21	95d	
Noise and Vib Monitoring		17d	20-Jul-21	11-Aug-21	141d	
DG-SI-NV-9780	Design - Site Investigations - Enabling Works - Noise and Vibration Survey Brief (by AECOM)	17d	20-Jul-21	11-Aug-21	141d	
Services - Investigation, Modelling (JH) and Preliminary Design (UDEC)		179d	18-May-21	10-Feb-22	128d	
Services - Preliminary Design + Modelling		179d	18-May-21	10-Feb-22	128d	
DG-UDEC-1020	D&C Contractor (UDEC) - Prepare Survey Underground Infrastructure (SUI) scope gap fill specification	15d	18-May-21	07-Jun-21	58d	
DG-SV-1020	D&C Contractor (JH) - Update the Utility model based on Client's potholing done Since Tender	25d	08-Jun-21	12-Jul-21	63d	
Services - Preliminary Design + Modelling - Depot Area (300)		10d	21-Sep-21	05-Oct-21	208d	
DG-300-SV-1200	D&C Contractor (JH) - SUI Survey and data modelling Update - Depot Area 300	10d	21-Sep-21	05-Oct-21	208d	
Services - Preliminary Design + Modelling - Northern Area (100 & 150)		84d	29-Sep-21	10-Feb-22	4d	
DG-100-SV-1120	D&C Contractor (JH) - SUI Survey and data modelling Update - Northern Area 100	58d	29-Sep-21	04-Jan-22	13d	
DG-150-SV-1120	D&C Contractor (JH) - SUI Survey and data modelling Update - Northern Area 150	42d	29-Nov-21	10-Feb-22	4d	
Services - Preliminary Design + Modelling - Southern Area (200)		75d	22-Sep-21	20-Jan-22	13d	
DG-200-SV-1160	D&C Contractor (JH) - SUI Survey and data modelling Update - Southern Area 200	75d	22-Sep-21	20-Jan-22	13d	
Services - Investigation -		71d	21-Sep-21	13-Jan-22	12d	
Service Investigations - Depot Area (300)		1d	21-Sep-21	21-Sep-21	4d	
DG-300-SV-3080	Services Investigation - Depot Area 300 - Potholing/Spaceproofing - D&C Contractor (JH)	1d	21-Sep-21	21-Sep-21	4d	
Service Investigations - Northern Area (100 & 150)		70d	22-Sep-21	13-Jan-22	4d	
DG-100-SV-3000	Services Investigation - Northern Area 100 - Potholing/Spaceproofing - D&C Contractor (JH)	43d	22-Sep-21	22-Nov-21	4d	
DG-150-SV-3000	Services Investigation - Northern Area 150 - Potholing/Spaceproofing - D&C Contractor (JH)	27d	23-Nov-21	13-Jan-22	4d	
Service Investigations - Southern Area (200)		70d	21-Sep-21	12-Jan-22	13d	
DG-200-SV-3040	Services Investigation - Southern Area 200 - Potholing/Spaceproofing - D&C Contractor (JH)	70d	21-Sep-21	12-Jan-22	13d	
DTMR Road Corridor Permit		30d	08-Jun-21	19-Jul-21	49d	
PP-CO-AP-8060	Approvals D&C Contractor (JH) - Prepare Application - Work on State Controlled Rd (Enabling Works)	10d	08-Jun-21	21-Jun-21	39d	
GI-DC-OF-8060	GIVE Handover - Approvals D&C (JH) - Submit Application - Work on State Controlled Rd (Enabling Works) - FRO	0d		21-Jun-21	39d	
PP-CO-AP-8100	Approvals (DTMR) - Review & Authorise Approval - Work on State Controlled Rd (Enabling Works) Application	20d	22-Jun-21	19-Jul-21	39d	
GE-DC-OF-8100	GET Handover - Approvals - Receive Approval - Work on State Controlled Rd (Enabling Works) - FROM OF to D&	0d		19-Jul-21	49d	
DTMR Traffic Control Permit		20d	06-Jul-21	02-Aug-21	39d	
PP-CO-AP-8120	Approvals D&C Contractor (JH) - Prepare Application - Traffic Control Permit (Enabling Works)	10d	06-Jul-21	19-Jul-21	39d	
GI-DC-OF-8120	GIVE Handover - Approvals D&C (JH) - Submit Application - Traffic Control Permit (Enabling Works) - FROM D&C	0d		19-Jul-21	39d	
PP-CO-AP-8160	Approvals (DTMR) - Review & Authorise Approval - Traffic Control Permit Application (Enabling Works)	10d	20-Jul-21	02-Aug-21	39d	
GE-DC-OF-8160	GET Handover - Approvals - Receive Authorised - Traffic Control Permit (Enabling Works) FROM OF to D&C	0d		02-Aug-21	39d	
Procurement - Subcontract - Services Investigations		69d	08-Jun-21	14-Sep-21	10d	
PR-SV-IS-1000	Procurement - Services - Investigations - Prepare Inquiries	15d	08-Jun-21	28-Jun-21	9d	
PR-SV-IS-1020	Procurement - Services - Investigations - Inquiries Out to Tender	20d	29-Jun-21	26-Jul-21	9d	
PR-SV-IS-1040	Procurement - Services - Investigations - Comparisons / Analysis	14d	27-Jul-21	13-Aug-21	9d	
PR-SV-IS-1060	Procurement - Services - Investigations - Award Subcontract	0d		13-Aug-21	9d	
PR-SV-IS-1080	Procurement - Services - Investigations - Mobilisation Period	20d	16-Aug-21	13-Sep-21	9d	
PR-SV-IS-1100	Procurement - Services - Investigations - Commence On-Site Works - Main Alignment	0d	14-Sep-21		10d	
PR-SV-IS-1120	Procurement - Services - Investigations - Commence On-Site Works - Depot Area 300	0d	14-Sep-21		9d	
Procurement - Subcontract - Survey		55d	08-Jun-21	24-Aug-21	24d	
PR-SC-1000	Procurement - Survey - Prepare Inquiries	5d	08-Jun-21	14-Jun-21	58d	
PR-SC-1020	Procurement - Survey - Inquiries Out to Tender	5d	15-Jun-21	21-Jun-21	58d	
PR-SC-1040	Procurement - Survey - Comparisons / Analysis	5d	22-Jun-21	28-Jun-21	58d	
PR-SC-1060	Procurement - Survey - Award Subcontract	0d		16-Aug-21	23d	
PR-SC-1080	Procurement - Survey - Mobilisation Period	5d	17-Aug-21	23-Aug-21	23d	
PR-SC-1100	Procurement - Survey - Commence On-Site Works - Main Alignment	0d	24-Aug-21		24d	
PR-SC-1120	Procurement - Survey - Commence On-Site Works - Depot Area 300	0d	24-Aug-21		23d	
Procurement - Subcontract - Geotechnical Works Investigations		50d	05-Aug-21	18-Oct-21	82d	
PR-GW-1000	Procurement - Investigations - Geotechnical Works - Prepare Inquiries	10d	05-Aug-21	18-Aug-21	82d	
PR-GW-01010	Procurement - Investigations - Geotechnical Works - Inquiries Out to Tender	10d	19-Aug-21	02-Sep-21	82d	
PR-GW-01020	Procurement - Investigations - Geotechnical Works - Comparisons / Analysis	10d	03-Sep-21	16-Sep-21	82d	
PR-GW-01030	Procurement - Investigations - Geotechnical Works - Award Subcontract	0d		16-Sep-21	82d	
PR-GW-01040	Procurement - Investigations - Geotechnical Works - Mobilisation Period	20d	17-Sep-21	15-Oct-21	82d	
PR-GW-01050	Procurement - Investigations - Geotechnical Works - Commence On-Site Works	0d	18-Oct-21		82d	



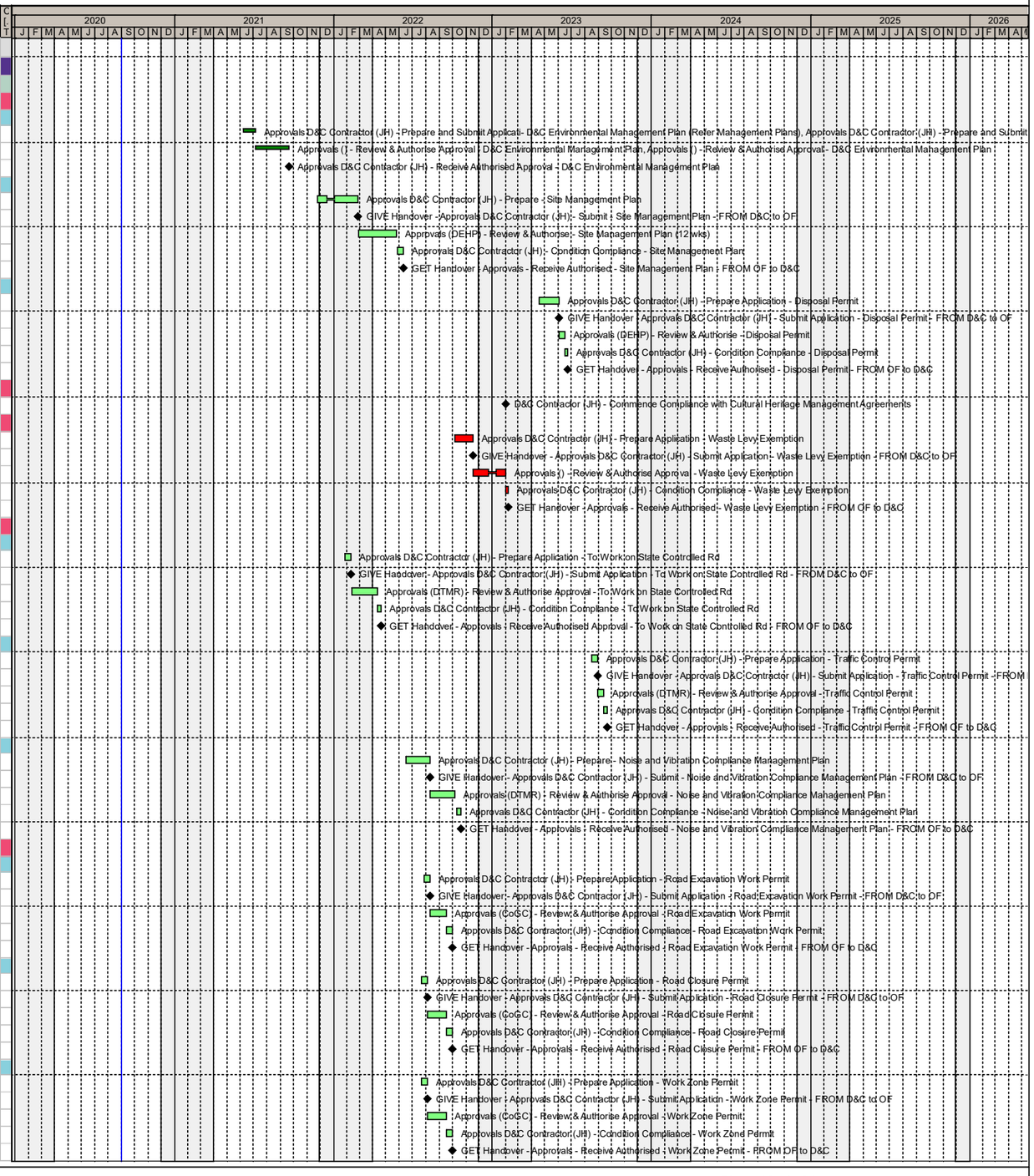
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PRELIMINARIES		562d	08-Jun-21	21-Sep-23	479d
Project Approvals		562d	08-Jun-21	21-Sep-23	101d
Contractor Approvals		562d	08-Jun-21	21-Sep-23	101d
Environmental Protection Act 1994 (EP Act)		499d	08-Jun-21	23-Jun-23	131d
Management Plan		74d	08-Jun-21	20-Sep-21	329d
PP-CO-AP-2000	Approvals D&C Contractor (JH) - Prepare and Submit Applicati- D&C Environmental Management Plan (Refer Mai	20d	08-Jun-21	05-Jul-21	28d
PP-CO-AP-2020	Approvals () - Review & Authorise Approval - D&C Environmental Management Plan	54d	06-Jul-21	20-Sep-21	4d
PP-CO-AP-2040	Approvals D&C Contractor (JH) - Receive Authorised Approval - D&C Environmental Management Plan	0d		20-Sep-21	329d
Site Management Plans		126d	24-Nov-21	09-Jun-22	385d
PP-CO-AP-2260	Approvals D&C Contractor (JH) - Prepare - Site Management Plan	56d	24-Nov-21	25-Feb-22	385d
GI-DC-OF-2260	GIVE Handover - Approvals D&C Contractor (JH) - Submit - Site Management Plan - FROM D&C to OF	0d		25-Feb-22	385d
PP-CO-AP-2280	Approvals (DEHP) - Review & Authorise - Site Management Plan (12 wks)	60d	28-Feb-22	26-May-22	385d
PP-CO-AP-2300	Approvals D&C Contractor (JH) - Condition Compliance - Site Management Plan	10d	27-May-22	09-Jun-22	385d
GE-DC-OF-2320	GET Handover - Approvals - Receive Authorised - Site Management Plan - FROM OF to D&C	0d		09-Jun-22	385d
Contaminated Soil Disposal Permits		45d	19-Apr-23	23-Jun-23	71d
PP-CO-AP-2200	Approvals D&C Contractor (JH) - Prepare Application - Disposal Permit	30d	19-Apr-23	02-Jun-23	71d
GI-DC-OF-2200	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Disposal Permit - FROM D&C to OF	0d		02-Jun-23	71d
PP-CO-AP-2220	Approvals (DEHP) - Review & Authorise - Disposal Permit	10d	02-Jun-23	16-Jun-23	71d
PP-CO-AP-2240	Approvals D&C Contractor (JH) - Condition Compliance - Disposal Permit	5d	16-Jun-23	23-Jun-23	71d
GE-DC-OF-2240	GET Handover - Approvals - Receive Authorised - Disposal Permit - FROM OF to D&C	0d		23-Jun-23	71d
Aboriginal Cultural Heritage Act 2003		0d	31-Jan-23	31-Jan-23	34d
PP-CO-AP-3000	D&C Contractor (JH) - Commence Compliance with Cultural Heritage Management Agreements	0d	31-Jan-23		34d
Waste Reduction and Recycling Act 2011		77d	06-Oct-22	07-Feb-23	34d
PP-CO-AP-4000	Approvals D&C Contractor (JH) - Prepare Application - Waste Levy Exemption	30d	06-Oct-22	17-Nov-22	34d
GI-DC-OF-4000	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Waste Levy Exemption - FROM D&C to O	0d		17-Nov-22	34d
PP-CO-AP-4020	Approvals () - Review & Authorise Approval - Waste Levy Exemption	42d	17-Nov-22	31-Jan-23	34d
PP-CO-AP-4040	Approvals D&C Contractor (JH) - Condition Compliance - Waste Levy Exemption	5d	31-Jan-23	07-Feb-23	34d
GE-DC-OF-4060	GET Handover - Approvals - Receive Authorised - Waste Levy Exemption - FROM OF to D&C	0d		07-Feb-23	34d
Transport Infrastructure Act 1994		408d	28-Jan-22	21-Sep-23	101d
DTMR Road Corridor Permit		57d	28-Jan-22	20-Apr-22	164d
PP-CO-AP-5000	Approvals D&C Contractor (JH) - Prepare Application - To Work on State Controlled Rd	10d	28-Jan-22	10-Feb-22	164d
GI-DC-OF-5000	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - To Work on State Controlled Rd - FROM I	0d		10-Feb-22	164d
PP-CO-AP-5020	Approvals (DTMR) - Review & Authorise Approval - To Work on State Controlled Rd	42d	11-Feb-22	11-Apr-22	164d
PP-CO-AP-5040	Approvals D&C Contractor (JH) - Condition Compliance - To Work on State Controlled Rd	5d	12-Apr-22	20-Apr-22	164d
GE-DC-OF-5040	GET Handover - Approvals - Receive Authorised Approval - To Work on State Controlled Rd - FROM OF to D&C	0d		20-Apr-22	164d
DTMR Traffic Control Permit		25d	16-Aug-23	21-Sep-23	101d
PP-CO-AP-5100	Approvals D&C Contractor (JH) - Prepare Application - Traffic Control Permit	10d	16-Aug-23	31-Aug-23	101d
GI-DC-OF-5100	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Traffic Control Permit - FROM D&C to OF	0d		31-Aug-23	101d
PP-CO-AP-5120	Approvals (DTMR) - Review & Authorise Approval - Traffic Control Permit	10d	31-Aug-23	14-Sep-23	101d
PP-CO-AP-5140	Approvals D&C Contractor (JH) - Condition Compliance - Traffic Control Permit	5d	14-Sep-23	21-Sep-23	101d
GE-DC-OF-5140	GET Handover - Approvals - Receive Authorised - Traffic Control Permit - FROM OF to D&C	0d		21-Sep-23	101d
DTMR Noise and Vibration Compliance Management Plan		90d	16-Jun-22	21-Oct-22	125d
PP-CO-AP-NV-5200	Approvals D&C Contractor (JH) - Prepare - Noise and Vibration Compliance Management Plan	40d	16-Jun-22	10-Aug-22	125d
GI-DC-OF-5200	GIVE Handover - Approvals D&C Contractor (JH) - Submit - Noise and Vibration Compliance Management Plan -	0d		10-Aug-22	125d
PP-CO-AP-NV-5220	Approvals (DTMR) - Review & Authorise Approval - Noise and Vibration Compliance Management Plan	40d	11-Aug-22	07-Oct-22	125d
PP-CO-AP-5240	Approvals D&C Contractor (JH) - Condition Compliance - Noise and Vibration Compliance Management Plan	10d	10-Oct-22	21-Oct-22	125d
GE-DC-OF-5240	GET Handover - Approvals - Receive Authorised - Noise and Vibration Compliance Management Plan - FROM OF	0d		21-Oct-22	125d
Local Government Act 2009		236d	13-Oct-21	30-Sep-22	78d
CoGC Road Excavation Work Permit		45d	28-Jul-22	30-Sep-22	63d
PP-CO-AP-6000	Approvals D&C Contractor (JH) - Prepare Application - Road Excavation Work Permit	10d	28-Jul-22	11-Aug-22	63d
GI-DC-OF-6000	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Road Excavation Work Permit - FROM D&	0d		11-Aug-22	63d
PP-CO-AP-6020	Approvals (CoGC) - Review & Authorise Approval - Road Excavation Work Permit	25d	11-Aug-22	16-Sep-22	63d
PP-CO-AP-6040	Approvals D&C Contractor (JH) - Condition Compliance - Road Excavation Work Permit	10d	16-Sep-22	30-Sep-22	63d
GE-DC-OF-6040	GET Handover - Approvals - Receive Authorised - Road Excavation Work Permit - FROM OF to D&C	0d		30-Sep-22	63d
CoGC Road Closure Permit		50d	21-Jul-22	30-Sep-22	63d
PP-CO-AP-6100	Approvals D&C Contractor (JH) - Prepare Application - Road Closure Permit	10d	21-Jul-22	04-Aug-22	63d
GI-DC-OF-6100	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Road Closure Permit - FROM D&C to OF	0d		04-Aug-22	63d
PP-CO-AP-6120	Approvals (CoGC) - Review & Authorise Approval - Road Closure Permit	30d	04-Aug-22	16-Sep-22	63d
PP-CO-AP-6140	Approvals D&C Contractor (JH) - Condition Compliance - Road Closure Permit	10d	16-Sep-22	30-Sep-22	63d
GE-DC-OF-6140	GET Handover - Approvals - Receive Authorised - Road Closure Permit - FROM OF to D&C	0d		30-Sep-22	63d
CoGC Work Zone Permit		50d	21-Jul-22	30-Sep-22	63d
PP-CO-AP-6200	Approvals D&C Contractor (JH) - Prepare Application - Work Zone Permit	10d	21-Jul-22	04-Aug-22	63d
GI-DC-OF-6200	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Work Zone Permit - FROM D&C to OF	0d		04-Aug-22	63d
PP-CO-AP-6220	Approvals (CoGC) - Review & Authorise Approval - Work Zone Permit	30d	04-Aug-22	16-Sep-22	63d
PP-CO-AP-6240	Approvals D&C Contractor (JH) - Condition Compliance - Work Zone Permit	10d	16-Sep-22	30-Sep-22	63d
GE-DC-OF-6240	GET Handover - Approvals - Receive Authorised - Work Zone Permit - FROM OF to D&C	0d		30-Sep-22	63d



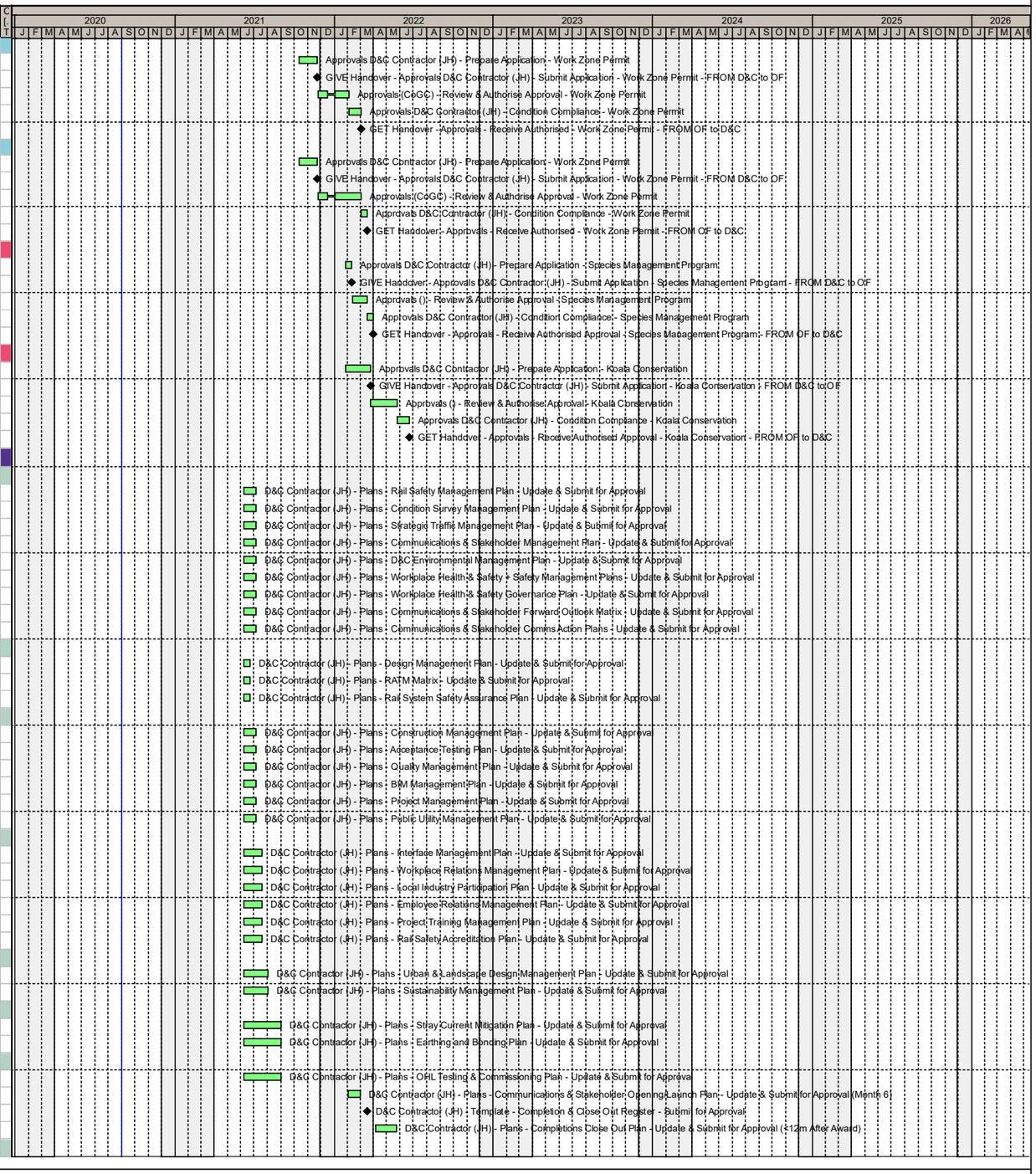
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C [T
CoGC Park Access Permit		90d	13-Oct-21	03-Mar-22	224d	
PP-CO-AP-6300	Approvals D&C Contractor (JH) - Prepare Application - Work Zone Permit	30d	13-Oct-21	23-Nov-21	224d	
GI-DC-OF-6300	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Work Zone Permit - FROM D&C to OF	0d		23-Nov-21	224d	
PP-CO-AP-6320	Approvals (CoGC) - Review & Authorise Approval - Work Zone Permit	40d	24-Nov-21	03-Feb-22	224d	
PP-CO-AP-6340	Approvals D&C Contractor (JH) - Condition Compliance - Work Zone Permit	20d	04-Feb-22	03-Mar-22	224d	
GE-DC-OF-6340	GET Handover - Approvals - Receive Authorised - Work Zone Permit - FROM OF to D&C	0d		03-Mar-22	224d	
CoGC Vegetation Clearing Permit		100d	13-Oct-21	17-Mar-22	214d	
PP-CO-AP-6400	Approvals D&C Contractor (JH) - Prepare Application - Work Zone Permit	30d	13-Oct-21	23-Nov-21	214d	
GI-DC-OF-6400	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Work Zone Permit - FROM D&C to OF	0d		23-Nov-21	214d	
PP-CO-AP-6420	Approvals (CoGC) - Review & Authorise Approval - Work Zone Permit	60d	24-Nov-21	03-Mar-22	214d	
PP-CO-AP-6440	Approvals D&C Contractor (JH) - Condition Compliance - Work Zone Permit	10d	04-Mar-22	17-Mar-22	214d	
GE-DC-OF-6440	GET Handover - Approvals - Receive Authorised - Work Zone Permit - FROM OF to D&C	0d		17-Mar-22	214d	
Nature Conservation (Wildlife Management) Regulation 2006		45d	28-Jan-22	31-Mar-22	204d	
PP-CO-AP-7000	Approvals D&C Contractor (JH) - Prepare Application - Species Management Program	10d	28-Jan-22	10-Feb-22	204d	
GI-DC-OF-7000	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Species Management Program - FROM D	0d		10-Feb-22	204d	
PP-CO-AP-7020	Approvals () - Review & Authorise Approval - Species Management Program	25d	11-Feb-22	17-Mar-22	204d	
PP-CO-AP-7040	Approvals D&C Contractor (JH) - Condition Compliance - Species Management Program	10d	18-Mar-22	31-Mar-22	204d	
GE-DC-OF-7040	GET Handover - Approvals - Receive Authorised Approval - Species Management Program - FROM OF to D&C	0d		31-Mar-22	204d	
State Government Supported Community Infrastructure - Koala Conservation Policy		100d	28-Jan-22	22-Jun-22	149d	
PP-CO-AP-8000	Approvals D&C Contractor (JH) - Prepare Application - Koala Conservation	40d	28-Jan-22	24-Mar-22	149d	
GI-DC-OG-8000	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Koala Conservation - FROM D&C to OF	0d		24-Mar-22	149d	
PP-CO-AP-8020	Approvals () - Review & Authorise Approval - Koala Conservation	40d	25-Mar-22	25-May-22	149d	
PP-CO-AP-8040	Approvals D&C Contractor (JH) - Condition Compliance - Koala Conservation	20d	26-May-22	22-Jun-22	149d	
GE-DC-OF-8040	GET Handover - Approvals - Receive Authorised Approval - Koala Conservation - FROM OF to D&C	0d		22-Jun-22	149d	
Management Plans		293d	08-Jun-21	16-Aug-22	748d	
Tranche 0 - Potholing + Design		20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1250	D&C Contractor (JH) - Plans - Rail Safety Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1120	D&C Contractor (JH) - Plans - Condition Survey Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1160	D&C Contractor (JH) - Plans - Strategic Traffic Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1170	D&C Contractor (JH) - Plans - Communications & Stakeholder Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1050	D&C Contractor (JH) - Plans - D&C Environmental Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	28d	
PP-CO-MP-1060	D&C Contractor (JH) - Plans - Workplace Health & Safety + Safety Management Plans - Update & Submit for Appı	20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1620	D&C Contractor (JH) - Plans - Workplace Health & Safety Governance Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1640	D&C Contractor (JH) - Plans - Communications & Stakeholder Forward Outlook Matrix - Update & Submit for Appr	20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1660	D&C Contractor (JH) - Plans - Communications & Stakeholder Comms Action Plans - Update & Submit for Approva	20d	08-Jun-21	05-Jul-21	43d	
Tranche 1		10d	08-Jun-21	21-Jun-21	110d	
PP-CO-MP-1080	D&C Contractor (JH) - Plans - Design Management Plan - Update & Submit for Approval	10d	08-Jun-21	21-Jun-21	53d	
PP-CO-MP-1580	D&C Contractor (JH) - Plans - RATM Matrix - Update & Submit for Approval	10d	08-Jun-21	21-Jun-21	83d	
PP-CO-MP-1270	D&C Contractor (JH) - Plans - Rail System Safety Assurance Plan - Update & Submit for Approval	10d	08-Jun-21	21-Jun-21	110d	
Tranche 2		20d	08-Jun-21	05-Jul-21	166d	
PP-CO-MP-1140	D&C Contractor (JH) - Plans - Construction Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1150	D&C Contractor (JH) - Plans - Acceptance Testing Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	166d	
PP-CO-MP-1040	D&C Contractor (JH) - Plans - Quality Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1330	D&C Contractor (JH) - Plans - BIM Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	131d	
PP-CO-MP-1000	D&C Contractor (JH) - Plans - Project Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	43d	
PP-CO-MP-1310	D&C Contractor (JH) - Plans - Public Utility Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	166d	
Tranche 3		30d	08-Jun-21	19-Jul-21	825d	
PP-CO-MP-1290	D&C Contractor (JH) - Plans - Interface Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	357d	
PP-CO-MP-1210	D&C Contractor (JH) - Plans - Workplace Relations Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	466d	
PP-CO-MP-1190	D&C Contractor (JH) - Plans - Local Industry Participation Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	81d	
PP-CO-MP-1030	D&C Contractor (JH) - Plans - Employee Relations Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	466d	
PP-CO-MP-1020	D&C Contractor (JH) - Plans - Project Training Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	825d	
PP-CO-MP-1700	D&C Contractor (JH) - Plans - Rail Safety Accreditation Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	673d	
Tranche 4		40d	08-Jun-21	02-Aug-21	441d	
PP-CO-MP-1110	D&C Contractor (JH) - Plans - Urban & Landscape Design Management Plan - Update & Submit for Approval	40d	08-Jun-21	02-Aug-21	347d	
PP-CO-MP-1600	D&C Contractor (JH) - Plans - Sustainability Management Plan - Update & Submit for Approval	40d	08-Jun-21	02-Aug-21	441d	
Tranche 5		60d	08-Jun-21	31-Aug-21	219d	
PP-CO-MP-1100	D&C Contractor (JH) - Plans - Stray Current Mitigation Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	155d	
PP-CO-MP-1480	D&C Contractor (JH) - Plans - Earthing and Bonding Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	219d	
Tranche 6		233d	08-Jun-21	24-May-22	793d	
PP-CO-MP-1520	D&C Contractor (JH) - Plans - OHL Testing & Commissioning Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	706d	
PP-CO-MP-1680	D&C Contractor (JH) - Plans - Communications & Stakeholder Opening/Launch Plan - Update & Submit for Appro	20d	02-Feb-22	01-Mar-22	849d	
PP-CO-MP-1470	D&C Contractor (JH) - Template - Completion & Close Out Register - Submit for Approval	0d	17-Mar-22		291d	
PP-CO-MP-1230	D&C Contractor (JH) - Plans - Completions Close Out Plan - Update & Submit for Approval (<12m After Award)	30d	07-Apr-22	24-May-22	291d	
Management Plans - OF3 + Independant Verifier - Review Approve (Within 15BD of Submission) PD Cl 7.4		283d	22-Jun-21	16-Aug-22	748d	



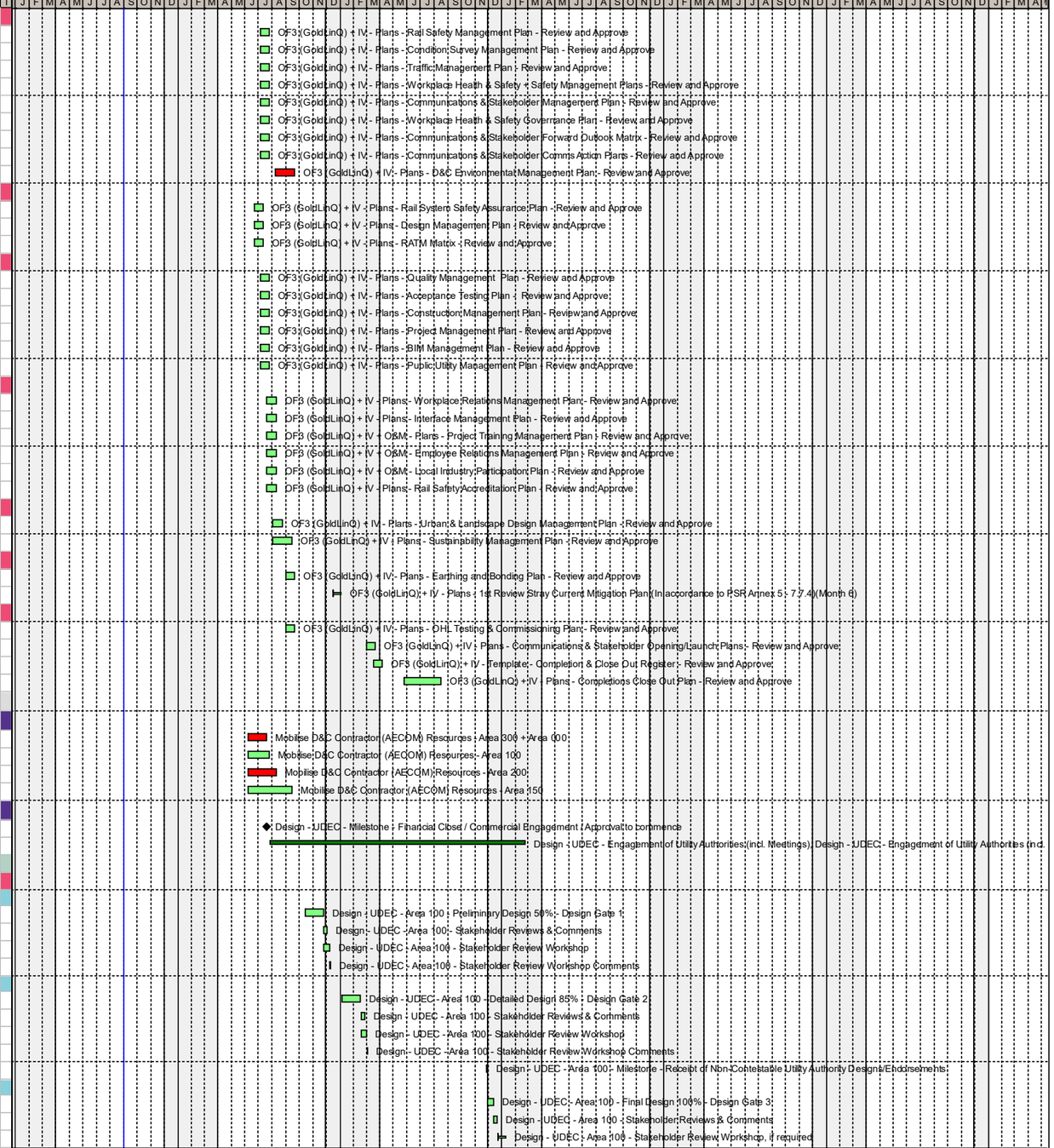
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Tranche 0 - Potholing + Design		54d	06-Jul-21	20-Sep-21	4d
PP-GL-MP-1250	OF3 (GoldLinQ) + IV - Plans - Rail Safety Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1120	OF3 (GoldLinQ) + IV - Plans - Condition Survey Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1160	OF3 (GoldLinQ) + IV - Plans - Traffic Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1060	OF3 (GoldLinQ) + IV - Plans - Workplace Health & Safety + Safety Management Plans - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1170	OF3 (GoldLinQ) + IV - Plans - Communications & Stakeholder Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1620	OF3 (GoldLinQ) + IV - Plans - Workplace Health & Safety Governance Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1640	OF3 (GoldLinQ) + IV - Plans - Communications & Stakeholder Forward Outlook Matrix - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1660	OF3 (GoldLinQ) + IV - Plans - Communications & Stakeholder Comms Action Plans - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1050	OF3 (GoldLinQ) + IV - Plans - D&C Environmental Management Plan - Review and Approve	30d	09-Aug-21	20-Sep-21	4d
Tranche 1		15d	22-Jun-21	12-Jul-21	110d
PP-GL-MP-1270	OF3 (GoldLinQ) + IV - Plans - Rail System Safety Assurance Plan - Review and Approve	15d	22-Jun-21	12-Jul-21	110d
PP-GL-MP-1080	OF3 (GoldLinQ) + IV - Plans - Design Management Plan - Review and Approve	15d	22-Jun-21	12-Jul-21	53d
PP-GL-MP-1580	OF3 (GoldLinQ) + IV - Plans - RATM Matrix - Review and Approve	15d	22-Jun-21	12-Jul-21	83d
Tranche 2		15d	06-Jul-21	26-Jul-21	166d
PP-GL-MP-1040	OF3 (GoldLinQ) + IV - Plans - Quality Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1150	OF3 (GoldLinQ) + IV - Plans - Acceptance Testing Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	166d
PP-GL-MP-1140	OF3 (GoldLinQ) + IV - Plans - Construction Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1000	OF3 (GoldLinQ) + IV - Plans - Project Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	43d
PP-GL-MP-1330	OF3 (GoldLinQ) + IV - Plans - BIM Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	131d
PP-GL-MP-1310	OF3 (GoldLinQ) + IV - Plans - Public Utility Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	166d
Tranche 3		15d	20-Jul-21	09-Aug-21	825d
PP-GL-MP-1210	OF3 (GoldLinQ) + IV - Plans - Workplace Relations Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	466d
PP-GL-MP-1290	OF3 (GoldLinQ) + IV - Plans - Interface Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	357d
PP-GL-MP-1020	OF3 (GoldLinQ) + IV + O&M - Plans - Project Training Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	825d
PP-GL-MP-1030	OF3 (GoldLinQ) + IV + O&M - Employee Relations Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	466d
PP-GL-MP-1190	OF3 (GoldLinQ) + IV + O&M - Local Industry Participation Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	81d
PP-GL-MP-1700	OF3 (GoldLinQ) + IV - Plans - Rail Safety Accreditation Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	673d
Tranche 4		30d	03-Aug-21	14-Sep-21	441d
PP-GL-MP-1110	OF3 (GoldLinQ) + IV - Plans - Urban & Landscape Design Management Plan - Review and Approve	15d	03-Aug-21	23-Aug-21	347d
PP-GL-MP-1610	OF3 (GoldLinQ) + IV - Plans - Sustainability Management Plan - Review and Approve	30d	03-Aug-21	14-Sep-21	441d
Tranche 5		78d	01-Sep-21	04-Jan-22	439d
PP-GL-MP-1480	OF3 (GoldLinQ) + IV - Plans - Earthing and Bonding Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	219d
PP-BT-MP-1040	OF3 (GoldLinQ) + IV - Plans - 1st Review Stray Current Mitigation Plan (In accordance to PSR Annex 5 - 7.7.4)(M	15d	30-Nov-21	04-Jan-22	439d
Tranche 6		233d	01-Sep-21	16-Aug-22	748d
PP-GL-MP-1530	OF3 (GoldLinQ) + IV - Plans - OHL Testing & Commissioning Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	777d
PP-GL-MP-1680	OF3 (GoldLinQ) + IV - Plans - Communications & Stakeholder Opening/Launch Plans - Review and Approve	15d	02-Mar-22	22-Mar-22	849d
PP-GL-MP-1490	OF3 (GoldLinQ) + IV - Template - Completion & Close Out Register - Review and Approve	15d	17-Mar-22	06-Apr-22	291d
PP-GL-MP-1230	OF3 (GoldLinQ) + IV - Plans - Completions Close Out Plan - Review and Approve	60d	25-May-22	16-Aug-22	291d
DESIGN (Annexure 17 - Part 1 Attach 1 Sect 3)		558d	08-Jun-21	15-Sep-23	603d
Mobilisation of Key Resources		71d	08-Jun-21	15-Sep-21	15d
DG-000-MO-1000	Mobilise D&C Contractor (AECOM) Resources - Area 300 + Area 000	30d	08-Jun-21	19-Jul-21	4d
DG-000-MO-1020	Mobilise D&C Contractor (AECOM) Resources - Area 100	35d	08-Jun-21	26-Jul-21	39d
DG-000-MO-1060	Mobilise D&C Contractor (AECOM) Resources - Area 200	45d	08-Jun-21	09-Aug-21	28d
DG-000-MO-1040	Mobilise D&C Contractor (AECOM) Resources - Area 150	71d	08-Jun-21	15-Sep-21	15d
Area 000 - Project Wide - Utilities (UDEC)		385d	20-Jul-21	21-Feb-23	172d
DG-UDEC-1120	Design - UDEC - Milestone - Financial Close / Commercial Engagement / Approval to commence	0d	20-Jul-21		20d
DG-UDEC-1140	Design - UDEC - Engagement of Utility Authorities (incl. Meetings)	380d	27-Jul-21	21-Feb-23	161d
Combined Utility Packages		325d	14-Oct-21	21-Feb-23	172d
Area 100 Broadbeach to Heron Ave (Ch 33,350 - 35,500) - Combined Utilities Package		297d	14-Oct-21	11-Jan-23	200d
Design Development Gate 1		42d	14-Oct-21	10-Dec-21	391d
DG-100-CU-1000	Design - UDEC - Area 100 - Preliminary Design 50% - Design Gate 1	30d	14-Oct-21	24-Nov-21	247d
DG-100-CU-1020	Design - UDEC - Area 100 - Stakeholder Reviews & Comments	7d	25-Nov-21	03-Dec-21	394d
DG-100-CU-1040	Design - UDEC - Area 100 - Stakeholder Review Workshop	10d	25-Nov-21	08-Dec-21	391d
DG-100-CU-1060	Design - UDEC - Area 100 - Stakeholder Review Workshop Comments	2d	09-Dec-21	10-Dec-21	391d
Design Development Gate 2		227d	05-Jan-22	28-Nov-22	200d
DG-100-CU-1080	Design - UDEC - Area 100 - Detailed Design 85% - Design Gate 2	30d	05-Jan-22	16-Feb-22	385d
DG-100-CU-1100	Design - UDEC - Area 100 - Stakeholder Reviews & Comments	7d	17-Feb-22	25-Feb-22	388d
DG-100-CU-1120	Design - UDEC - Area 100 - Stakeholder Review Workshop	10d	17-Feb-22	02-Mar-22	385d
DG-100-CU-1140	Design - UDEC - Area 100 - Stakeholder Review Workshop Comments	2d	03-Mar-22	04-Mar-22	385d
DG-100-CU-1160	Design - UDEC - Area 100 - Milestone - Receipt of Non-Contestable Utility Authority Designs/Endorsements	1d	28-Nov-22	28-Nov-22	200d
AFC Design Gate 3		22d	29-Nov-22	11-Jan-23	200d
DG-100-CU-1180	Design - UDEC - Area 100 - Final Design 100% - Design Gate 3	10d	29-Nov-22	12-Dec-22	200d
DG-100-CU-1200	Design - UDEC - Area 100 - Stakeholder Reviews & Comments	7d	13-Dec-22	21-Dec-22	200d
DG-100-CU-1220	Design - UDEC - Area 100 - Stakeholder Review Workshop, if required	10d	13-Dec-22	09-Jan-23	202d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C [illegible] T
DG-100-CU-1240	Design - UDEC - Area 100 - Stakeholder Certification (or confirmation of rejection)	5d	22-Dec-22	11-Jan-23	200d	
Area 150 (200) Heron Ave to Dawn Pde (Ch 35,500 - 37,150) - Combined Utilities Package		251d	11-Feb-22	21-Feb-23	61d	
Design Development Gate 1		42d	11-Feb-22	11-Apr-22	203d	
DG-150-CU-2000	Design - UDEC - Area 150 - Preliminary Design 50% - Design Gate 1	30d	11-Feb-22	24-Mar-22	203d	
DG-150-CU-2020	Design - UDEC - Area 150 - Stakeholder Reviews & Comments	7d	25-Mar-22	04-Apr-22	206d	
DG-150-CU-2040	Design - UDEC - Area 150 - Stakeholder Review Workshop	10d	25-Mar-22	07-Apr-22	203d	
DG-150-CU-2060	Design - UDEC - Area 150 - Stakeholder Review Workshop Comments	2d	08-Apr-22	11-Apr-22	203d	
Design Development Gate 2		184d	12-Apr-22	16-Jan-23	61d	
DG-150-CU-2080	Design - UDEC - Area 150 - Detailed Design 85% - Design Gate 2	30d	12-Apr-22	27-May-22	203d	
DG-150-CU-2100	Design - UDEC - Area 150 - Stakeholder Reviews & Comments	7d	30-May-22	07-Jun-22	206d	
DG-150-CU-2120	Design - UDEC - Area 150 - Stakeholder Review Workshop	10d	30-May-22	10-Jun-22	203d	
DG-150-CU-2140	Design - UDEC - Area 150 - Stakeholder Review Workshop Comments	2d	13-Jun-22	14-Jun-22	203d	
DG-150-CU-2160	Design - UDEC - Area 150 - Milestone - Receipt of Non-Contestable Utility Authority Designs/Endorsements	1d	16-Jan-23	16-Jan-23	61d	
AFC Design Gate 3		25d	17-Jan-23	21-Feb-23	61d	
DG-150-CU-2180	Design - UDEC - Area 150 - Final Design 100% - Design Gate 3	10d	17-Jan-23	31-Jan-23	61d	
DG-150-CU-2200	Design - UDEC - Area 150 - Stakeholder Reviews & Comments	7d	01-Feb-23	09-Feb-23	64d	
DG-150-CU-2220	Design - UDEC - Area 150 - Stakeholder Review Workshop, if required	10d	01-Feb-23	14-Feb-23	61d	
DG-150-CU-2240	Design - UDEC - Area 150 - Stakeholder Certification (or confirmation of rejection)	5d	15-Feb-23	21-Feb-23	61d	
Area 200 (300) Dawn Pde to Terminus End (Ch 37,150 - 40,135)- Combined Utilities Package		295d	25-Nov-21	21-Feb-23	161d	
Design Development Gate 1		42d	25-Nov-21	08-Feb-22	347d	
DG-200-CU-3000	Design - UDEC - Area 200 - Preliminary Design 50% - Design Gate 1	30d	25-Nov-21	20-Jan-22	347d	
DG-200-CU-3020	Design - UDEC - Area 200 - Stakeholder Reviews & Comments	7d	21-Jan-22	01-Feb-22	350d	
DG-200-CU-3040	Design - UDEC - Area 200 - Stakeholder Review Workshop	10d	21-Jan-22	04-Feb-22	347d	
DG-200-CU-3060	Design - UDEC - Area 200 - Stakeholder Review Workshop Comments	2d	07-Feb-22	08-Feb-22	347d	
Design Development Gate 2		228d	09-Feb-22	16-Jan-23	161d	
DG-200-CU-3080	Design - UDEC - Area 200 - Detailed Design 85% - Design Gate 2	30d	09-Feb-22	22-Mar-22	347d	
DG-200-CU-3100	Design - UDEC - Area 200 - Stakeholder Reviews & Comments	7d	23-Mar-22	31-Mar-22	350d	
DG-200-CU-3120	Design - UDEC - Area 200 - Stakeholder Review Workshop	10d	23-Mar-22	05-Apr-22	347d	
DG-200-CU-3140	Design - UDEC - Area 200 - Stakeholder Review Workshop Comments	2d	06-Apr-22	07-Apr-22	347d	
DG-200-CU-3160	Design - UDEC - Area 200 - Milestone - Receipt of Non-Contestable Utility Authority Designs/Endorsements	1d	16-Jan-23	16-Jan-23	161d	
AFC Design Gate 3		25d	17-Jan-23	21-Feb-23	161d	
DG-200-CU-3180	Design - UDEC - Area 200 - Final Design 100% - Design Gate 3	10d	17-Jan-23	31-Jan-23	161d	
DG-200-CU-3200	Design - UDEC - Area 200 - Stakeholder Reviews & Comments	7d	01-Feb-23	09-Feb-23	164d	
DG-200-CU-3220	Design - UDEC - Area 200 - Stakeholder Review Workshop, if required	10d	01-Feb-23	14-Feb-23	161d	
DG-200-CU-3240	Design - UDEC - Area 200 - Stakeholder Certification (or confirmation of rejection)	5d	15-Feb-23	21-Feb-23	161d	
Non-Contestable Design Packages		271d	05-Jan-22	13-Feb-23	178d	
Telstra DP#1 - Design Gate 3 (1A, i55, 1B, i56, 1C		80d	05-Jan-22	03-May-22	147d	
DG-SV-TLS-1000	Design - Authority - Telstra - DP#1 - Design Gate 3	40d	05-Jan-22	02-Mar-22	65d	
DG-SV-TLS-1020	Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	03-Mar-22	16-Mar-22	172d	
DG-SV-TLS-1040	Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	03-Mar-22	16-Mar-22	172d	
DG-SV-TLS-1080	Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	03-Mar-22	03-May-22	147d	
DG-SV-TLS-1060	Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	17-Mar-22	23-Mar-22	172d	
NBN/ OPTUS/ Others - DP#1 - Design Gate 3		62d	03-Mar-22	02-Jun-22	158d	
DG-SV-NB-1030	Design - Authority - NBN/ OPTUS / Others - DP#1 - Design Gate 3	40d	03-Mar-22	03-May-22	158d	
DG-SV-NB-1040	Design - Authority - NBN/ OPTUS / Others - Stakeholder Reviews & Comments	7d	04-May-22	12-May-22	158d	
DG-SV-NB-1050	Design - Authority - NBN/ OPTUS / Others - Stakeholder Review Workshop, if required	10d	13-May-22	26-May-22	158d	
DG-SV-NB-1060	Design - Authority - NBN/ OPTUS / Others - Stakeholder Certification (or confirmation of rejection)	5d	27-May-22	02-Jun-22	158d	
Telstra DP#2 - Design Gate 3 (1D, i62, 1E, 2G, 2A		80d	09-Mar-22	04-Jul-22	141d	
DG-SV-TLS-2000	Design - Authority - Telstra - DP#2 - Design Gate 3	40d	09-Mar-22	09-May-22	61d	
DG-SV-TLS-2020	Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	10-May-22	23-May-22	166d	
DG-SV-TLS-2040	Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	10-May-22	23-May-22	166d	
DG-SV-TLS-2080	Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	10-May-22	04-Jul-22	141d	
DG-SV-TLS-2060	Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	24-May-22	30-May-22	166d	
NBN/ OPTUS/ Others - DP#2 - Design Gate 3		62d	10-May-22	03-Aug-22	303d	
DG-SV-NB-2000	Design - Authority - NBN/ OPTUS / Others - DP#2 - Design Gate 3	40d	10-May-22	04-Jul-22	288d	
DG-SV-NB-2020	Design - Authority - NBN/ OPTUS / Others - Stakeholder Reviews & Comments	7d	05-Jul-22	13-Jul-22	303d	
DG-SV-NB-2040	Design - Authority - NBN/ OPTUS / Others - Stakeholder Review Workshop, if required	10d	14-Jul-22	27-Jul-22	303d	
DG-SV-NB-2060	Design - Authority - NBN/ OPTUS / Others - Stakeholder Certification (or confirmation of rejection)	5d	28-Jul-22	03-Aug-22	303d	
Telstra DP#3 - Design Gate 3 (i64, 1F, 1G, i76, 2B, i78, 2D		80d	10-May-22	30-Aug-22	92d	
DG-SV-TLS-3000	Design - Authority - Telstra - DP#3 - Design Gate 3	40d	10-May-22	04-Jul-22	61d	
DG-SV-TLS-3020	Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	05-Jul-22	18-Jul-22	117d	
DG-SV-TLS-3040	Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	05-Jul-22	18-Jul-22	117d	
DG-SV-TLS-3080	Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	05-Jul-22	30-Aug-22	72d	
DG-SV-TLS-3060	Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	19-Jul-22	25-Jul-22	117d	
NBN/ OPTUS/ Others - DP#3 - Design Gate 3		62d	05-Jul-22	29-Sep-22	263d	
DG-SV-NB-3000	Design - Authority - NBN/ OPTUS / Others - DP#3 - Design Gate 3	40d	05-Jul-22	30-Aug-22	148d	

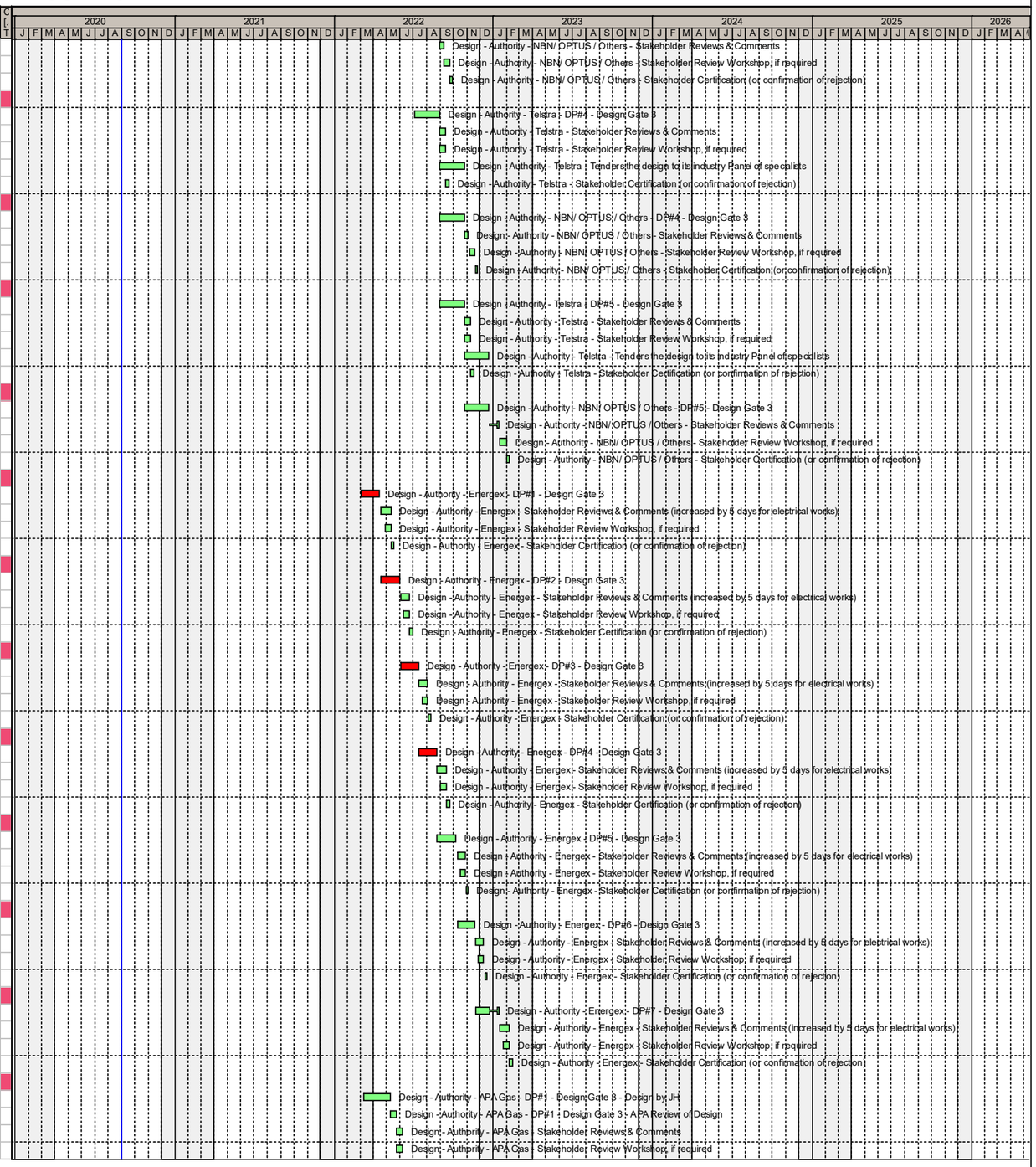


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DG-SV-NB-3020	Design - Authority - NBN/ OPTUS / Others - Stakeholder Reviews & Comments	7d	31-Aug-22	08-Sep-22	263d	
DG-SV-NB-3040	Design - Authority - NBN/ OPTUS / Others - Stakeholder Review Workshop, if required	10d	09-Sep-22	22-Sep-22	263d	
DG-SV-NB-3060	Design - Authority - NBN/ OPTUS / Others - Stakeholder Certification (or confirmation of rejection)	5d	23-Sep-22	29-Sep-22	263d	
Telstra DP#4 - Design Gate 3 (i67, i69, 1H, i70, 2C, i79		80d	05-Jul-22	26-Oct-22	152d	
DG-SV-TLS-4000	Design - Authority - Telstra - DP#4 - Design Gate 3	40d	05-Jul-22	30-Aug-22	61d	
DG-SV-TLS-4020	Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	31-Aug-22	13-Sep-22	177d	
DG-SV-TLS-4040	Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	31-Aug-22	13-Sep-22	177d	
DG-SV-TLS-4080	Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	31-Aug-22	26-Oct-22	152d	
DG-SV-TLS-4060	Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	14-Sep-22	20-Sep-22	177d	
NBN/ OPTUS/ Others - DP#4 - Design Gate 3		62d	31-Aug-22	25-Nov-22	112d	
DG-SV-NB-4000	Design - Authority - NBN/ OPTUS / Others - DP#4 - Design Gate 3	40d	31-Aug-22	26-Oct-22	108d	
DG-SV-NB-4020	Design - Authority - NBN/ OPTUS / Others - Stakeholder Reviews & Comments	7d	27-Oct-22	04-Nov-22	112d	
DG-SV-NB-4040	Design - Authority - NBN/ OPTUS / Others - Stakeholder Review Workshop, if required	10d	07-Nov-22	18-Nov-22	112d	
DG-SV-NB-4060	Design - Authority - NBN/ OPTUS / Others - Stakeholder Certification (or confirmation of rejection)	5d	21-Nov-22	25-Nov-22	112d	
Telstra DP#5 - Design Gate 3 (1J, i71, 1K, i86, 2I		80d	31-Aug-22	21-Dec-22	61d	
DG-SV-TLS-5000	Design - Authority - Telstra - DP#5 - Design Gate 3	40d	31-Aug-22	26-Oct-22	61d	
DG-SV-TLS-5020	Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	27-Oct-22	09-Nov-22	86d	
DG-SV-TLS-5040	Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	27-Oct-22	09-Nov-22	86d	
DG-SV-TLS-5080	Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	27-Oct-22	21-Dec-22	61d	
DG-SV-TLS-5060	Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	10-Nov-22	16-Nov-22	86d	
NBN/ OPTUS/ Others - DP#5 - Design Gate 3		62d	27-Oct-22	06-Feb-23	172d	
DG-SV-NB-5000	Design - Authority - NBN/ OPTUS / Others - DP#5 - Design Gate 3	40d	27-Oct-22	21-Dec-22	68d	
DG-SV-NB-5020	Design - Authority - NBN/ OPTUS / Others - Stakeholder Reviews & Comments	7d	22-Dec-22	13-Jan-23	172d	
DG-SV-NB-5040	Design - Authority - NBN/ OPTUS / Others - Stakeholder Review Workshop, if required	10d	16-Jan-23	30-Jan-23	172d	
DG-SV-NB-5060	Design - Authority - NBN/ OPTUS / Others - Stakeholder Certification (or confirmation of rejection)	5d	31-Jan-23	06-Feb-23	172d	
Energex DP#1 - Design Gate 3 (1A, 1B, i56, 2A)		50d	04-Mar-22	18-May-22	105d	
DG-SV-EG-1000	Design - Authority - Energex - DP#1 - Design Gate 3	30d	04-Mar-22	14-Apr-22	28d	
DG-SV-EG-1020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	19-Apr-22	11-May-22	105d	
DG-SV-EG-1040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	27-Apr-22	11-May-22	105d	
DG-SV-EG-1060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	12-May-22	18-May-22	105d	
Energex DP#2 - Design Gate 3 (1C, i58, 1D, 2G/i85)		50d	19-Apr-22	29-Jun-22	44d	
DG-SV-EG-2000	Design - Authority - Energex - DP#2 - Design Gate 3	30d	19-Apr-22	01-Jun-22	28d	
DG-SV-EG-2020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	02-Jun-22	22-Jun-22	44d	
DG-SV-EG-2040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	09-Jun-22	22-Jun-22	44d	
DG-SV-EG-2060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	23-Jun-22	29-Jun-22	44d	
Energex DP#3 - Design Gate 3 (1E, i64, 1F, 2D)		50d	02-Jun-22	10-Aug-22	73d	
DG-SV-EG-3000	Design - Authority - Energex - DP#3 - Design Gate 3	30d	02-Jun-22	13-Jul-22	28d	
DG-SV-EG-3020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	14-Jul-22	03-Aug-22	73d	
DG-SV-EG-3040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	21-Jul-22	03-Aug-22	73d	
DG-SV-EG-3060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	04-Aug-22	10-Aug-22	73d	
Energex DP#4 - Design Gate 3 (2B, i78, i79, 1G)		50d	14-Jul-22	22-Sep-22	42d	
DG-SV-EG-4000	Design - Authority - Energex - DP#4 - Design Gate 3	30d	14-Jul-22	24-Aug-22	28d	
DG-SV-EG-4020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	25-Aug-22	15-Sep-22	42d	
DG-SV-EG-4040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	02-Sep-22	15-Sep-22	42d	
DG-SV-EG-4060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	16-Sep-22	22-Sep-22	42d	
Energex DP#5 - Design Gate 3 (i67, i69, 1H, 2C)		50d	25-Aug-22	04-Nov-22	174d	
DG-SV-EG-5000	Design - Authority - Energex - DP#5 - Design Gate 3	30d	25-Aug-22	07-Oct-22	45d	
DG-SV-EG-5020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	10-Oct-22	28-Oct-22	174d	
DG-SV-EG-5040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	17-Oct-22	28-Oct-22	174d	
DG-SV-EG-5060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	31-Oct-22	04-Nov-22	174d	
Energex DP#6 - Design Gate 3 (i70, 1J, 2H/i86)		50d	10-Oct-22	16-Dec-22	91d	
DG-SV-EG-6000	Design - Authority - Energex - DP#6 - Design Gate 3	30d	10-Oct-22	18-Nov-22	45d	
DG-SV-EG-6020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	21-Nov-22	09-Dec-22	91d	
DG-SV-EG-6040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	28-Nov-22	09-Dec-22	91d	
DG-SV-EG-6060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	12-Dec-22	16-Dec-22	91d	
Energex DP#7 - Design Gate 3 (2I, 1K)		50d	21-Nov-22	13-Feb-23	60d	
DG-SV-EG-7000	Design - Authority - Energex - DP#7 - Design Gate 3	30d	21-Nov-22	13-Jan-23	45d	
DG-SV-EG-7020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	16-Jan-23	06-Feb-23	60d	
DG-SV-EG-7040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	23-Jan-23	06-Feb-23	60d	
DG-SV-EG-7060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	07-Feb-23	13-Feb-23	60d	
APA Gas DP#1 - Design Gate 3 (1A, 1B, 1C, 2A		65d	09-Mar-22	13-Jun-22	88d	
DG-SV-GA-1000	Design - Authority - APA Gas - DP#1 - Design Gate 3 - Design by JH	40d	09-Mar-22	09-May-22	69d	
DG-SV-GA-1080	Design - Authority - APA Gas - DP#1 - Design Gate 3 - APA Review of Design	10d	10-May-22	23-May-22	88d	
DG-SV-GA-1020	Design - Authority - APA Gas - Stakeholder Reviews & Comments	10d	24-May-22	06-Jun-22	88d	
DG-SV-GA-1040	Design - Authority - APA Gas - Stakeholder Review Workshop, if required	10d	24-May-22	06-Jun-22	88d	

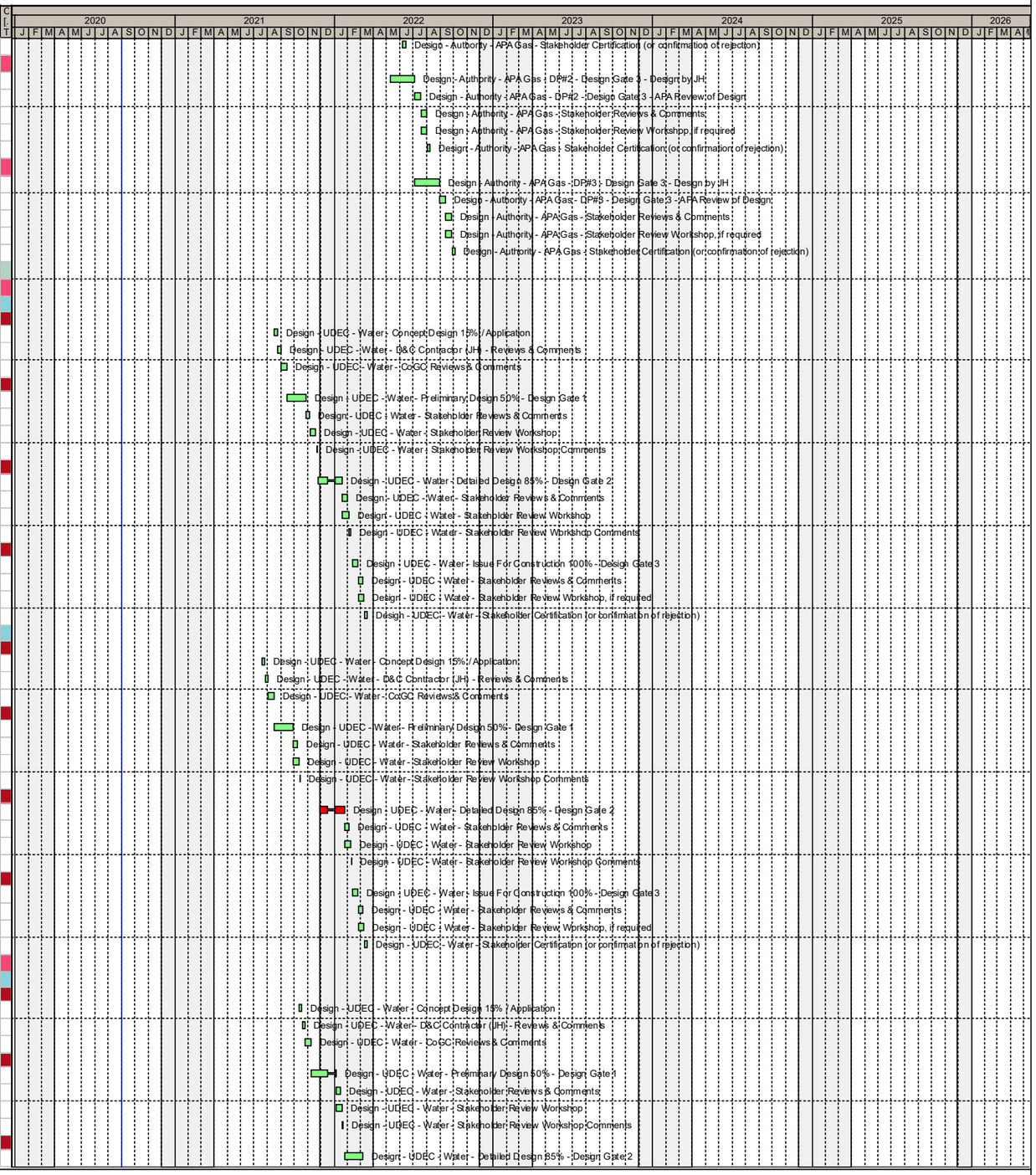


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DG-SV-GA-1060	Design - Authority - APA Gas - Stakeholder Certification (or confirmation of rejection)	5d	07-Jun-22	13-Jun-22	88d	
APA Gas DP#2 - Design Gate 3 (1D, 1G, 1F, 2D, 2G		65d	10-May-22	08-Aug-22	69d	
DG-SV-GA-2000	Design - Authority - APA Gas - DP#2 - Design Gate 3 - Design by JH	40d	10-May-22	04-Jul-22	69d	
DG-SV-GA-2080	Design - Authority - APA Gas - DP#2 - Design Gate 3 - APA Review of Design	10d	05-Jul-22	18-Jul-22	69d	
DG-SV-GA-2020	Design - Authority - APA Gas - Stakeholder Reviews & Comments	10d	19-Jul-22	01-Aug-22	69d	
DG-SV-GA-2040	Design - Authority - APA Gas - Stakeholder Review Workshop, if required	10d	19-Jul-22	01-Aug-22	69d	
DG-SV-GA-2060	Design - Authority - APA Gas - Stakeholder Certification (or confirmation of rejection)	5d	02-Aug-22	08-Aug-22	69d	
APA Gas DP#3 - Design Gate 3 (1E, i76, 2B, 2C, 2I		65d	05-Jul-22	05-Oct-22	107d	
DG-SV-GA-3000	Design - Authority - APA Gas - DP#3 - Design Gate 3 - Design by JH	40d	05-Jul-22	30-Aug-22	107d	
DG-SV-GA-3080	Design - Authority - APA Gas - DP#3 - Design Gate 3 - APA Review of Design	10d	31-Aug-22	13-Sep-22	107d	
DG-SV-GA-3020	Design - Authority - APA Gas - Stakeholder Reviews & Comments	10d	14-Sep-22	27-Sep-22	107d	
DG-SV-GA-3040	Design - Authority - APA Gas - Stakeholder Review Workshop, if required	10d	14-Sep-22	27-Sep-22	107d	
DG-SV-GA-3060	Design - Authority - APA Gas - Stakeholder Certification (or confirmation of rejection)	5d	28-Sep-22	05-Oct-22	107d	
CoGC Water / Sewer Design Packages		313d	20-Jul-21	27-Oct-22	126d	
Design Group-1		159d	20-Jul-21	17-Mar-22	17d	
Water DP#2 (ENABLING WORKS PACKAGE) (Zone 1D, 1F, i56, i62, i69) (WA-100-003/8/29/57/209/18/37/73		139d	17-Aug-21	17-Mar-22	17d	
Design Development Concept (15%) / Application		20d	17-Aug-21	14-Sep-21	20d	
DG-SV-WT-2000	Design - UDEC - Water - Concept Design 15% / Application	5d	17-Aug-21	23-Aug-21	20d	
DG-SV-WT-2020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	24-Aug-21	31-Aug-21	20d	
DG-SV-WT-2040	Design - UDEC - Water - CoGC Reviews & Comments	10d	01-Sep-21	14-Sep-21	20d	
Design Development Gate 1 (50%)		49d	15-Sep-21	23-Nov-21	20d	
DG-SV-WT-2060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	15-Sep-21	27-Oct-21	20d	
DG-SV-WT-2080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	28-Oct-21	05-Nov-21	20d	
DG-SV-WT-2100	Design - UDEC - Water - Stakeholder Review Workshop	10d	08-Nov-21	19-Nov-21	20d	
DG-SV-WT-2120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	22-Nov-21	23-Nov-21	20d	
Design Development Gate 2 (85%)		42d	24-Nov-21	07-Feb-22	20d	
DG-SV-WT-2140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	24-Nov-21	19-Jan-22	20d	
DG-SV-WT-2160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	20-Jan-22	31-Jan-22	23d	
DG-SV-WT-2180	Design - UDEC - Water - Stakeholder Review Workshop	10d	20-Jan-22	03-Feb-22	20d	
DG-SV-WT-2200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	04-Feb-22	07-Feb-22	20d	
AFC Design Gate 3 (100%)		25d	11-Feb-22	17-Mar-22	17d	
DG-SV-WT-2220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	11-Feb-22	24-Feb-22	17d	
DG-SV-WT-2240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	25-Feb-22	07-Mar-22	20d	
DG-SV-WT-2260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	25-Feb-22	10-Mar-22	17d	
DG-SV-WT-2280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	11-Mar-22	17-Mar-22	17d	
Water DP#3 (ENABLING WORKS PACKAGE) (Zone 1G & i62) (WA-100-212/224/229)		159d	20-Jul-21	17-Mar-22	12d	
Design Development Concept (15%) / Application		20d	20-Jul-21	16-Aug-21	20d	
DG-SV-WT-3000	Design - UDEC - Water - Concept Design 15% / Application	5d	20-Jul-21	26-Jul-21	20d	
DG-SV-WT-3020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	27-Jul-21	02-Aug-21	20d	
DG-SV-WT-3040	Design - UDEC - Water - CoGC Reviews & Comments	10d	03-Aug-21	16-Aug-21	20d	
Design Development Gate 1 (50%)		42d	17-Aug-21	15-Oct-21	34d	
DG-SV-WT-3060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	17-Aug-21	28-Sep-21	34d	
DG-SV-WT-3080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	29-Sep-21	08-Oct-21	34d	
DG-SV-WT-3100	Design - UDEC - Water - Stakeholder Review Workshop	10d	29-Sep-21	13-Oct-21	34d	
DG-SV-WT-3120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	14-Oct-21	15-Oct-21	34d	
Design Development Gate 2 (85%)		42d	29-Nov-21	10-Feb-22	12d	
DG-SV-WT-3140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	29-Nov-21	24-Jan-22	4d	
DG-SV-WT-3160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	25-Jan-22	03-Feb-22	15d	
DG-SV-WT-3180	Design - UDEC - Water - Stakeholder Review Workshop	10d	25-Jan-22	08-Feb-22	12d	
DG-SV-WT-3200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	09-Feb-22	10-Feb-22	12d	
AFC Design Gate 3 (100%)		25d	11-Feb-22	17-Mar-22	12d	
DG-SV-WT-3220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	11-Feb-22	24-Feb-22	12d	
DG-SV-WT-3240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	25-Feb-22	07-Mar-22	15d	
DG-SV-WT-3260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	25-Feb-22	10-Mar-22	12d	
DG-SV-WT-3280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	11-Mar-22	17-Mar-22	12d	
Design Group-2		134d	13-Oct-21	10-May-22	61d	
Water DP#1 (Zone 1A- 1E)		130d	13-Oct-21	04-May-22	27d	
Design Development Concept (15%) / Application		20d	13-Oct-21	09-Nov-21	18d	
DG-SV-WT-1000	Design - UDEC - Water - Concept Design 15% / Application	5d	13-Oct-21	19-Oct-21	13d	
DG-SV-WT-1020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	20-Oct-21	26-Oct-21	18d	
DG-SV-WT-1040	Design - UDEC - Water - CoGC Reviews & Comments	10d	27-Oct-21	09-Nov-21	18d	
Design Development Gate 1 (50%)		42d	10-Nov-21	21-Jan-22	18d	
DG-SV-WT-1060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	10-Nov-21	05-Jan-22	18d	
DG-SV-WT-1080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	06-Jan-22	14-Jan-22	21d	
DG-SV-WT-1100	Design - UDEC - Water - Stakeholder Review Workshop	10d	06-Jan-22	19-Jan-22	18d	
DG-SV-WT-1120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	20-Jan-22	21-Jan-22	18d	
Design Development Gate 2 (85%)		42d	25-Jan-22	24-Mar-22	27d	
DG-SV-WT-1140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	25-Jan-22	08-Mar-22	17d	

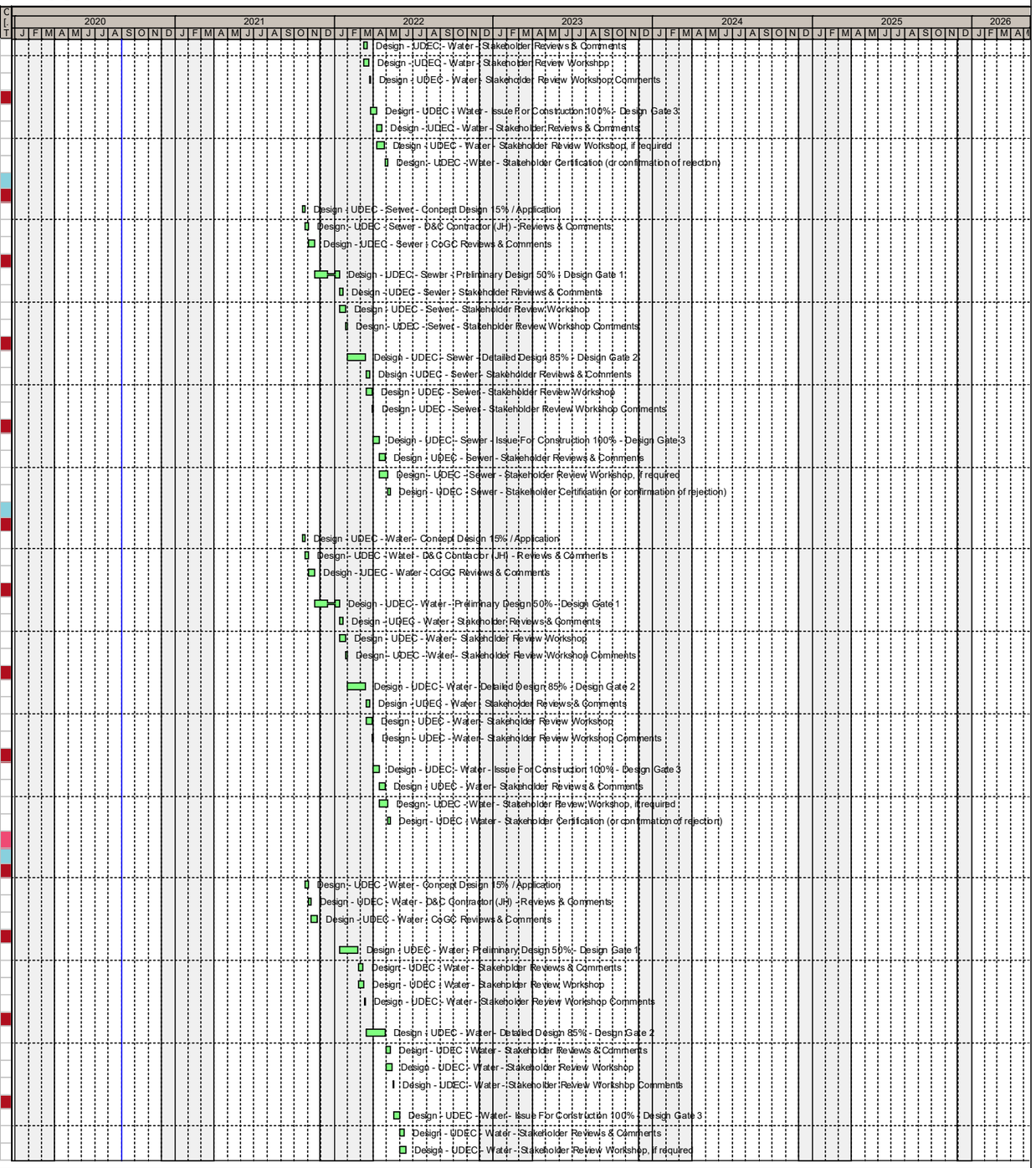


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-SV-WT-1160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	09-Mar-22	17-Mar-22	30d
DG-SV-WT-1180	Design - UDEC - Water - Stakeholder Review Workshop	10d	09-Mar-22	22-Mar-22	27d
DG-SV-WT-1200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	23-Mar-22	24-Mar-22	27d
AFC Design Gate 3 (100%)		25d	25-Mar-22	04-May-22	27d
DG-SV-WT-1220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	25-Mar-22	07-Apr-22	27d
DG-SV-WT-1240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	08-Apr-22	20-Apr-22	30d
DG-SV-WT-1260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	08-Apr-22	26-Apr-22	27d
DG-SV-WT-1280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	27-Apr-22	04-May-22	27d
Sewer DP#5 (Zone 1A - 1F)		129d	20-Oct-21	10-May-22	61d
Design Development Concept (15%) / Application		20d	20-Oct-21	16-Nov-21	13d
DG-SV-SW-5000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	20-Oct-21	26-Oct-21	13d
DG-SV-SW-5020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	27-Oct-21	02-Nov-21	13d
DG-SV-SW-5040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	03-Nov-21	16-Nov-21	13d
Design Development Gate 1 (50%)		42d	17-Nov-21	31-Jan-22	13d
DG-SV-SW-5060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	17-Nov-21	12-Jan-22	13d
DG-SV-SW-5080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	13-Jan-22	21-Jan-22	16d
DG-SV-SW-5100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	13-Jan-22	27-Jan-22	13d
DG-SV-SW-5120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	28-Jan-22	31-Jan-22	13d
Design Development Gate 2 (85%)		42d	01-Feb-22	30-Mar-22	61d
DG-SV-SW-5140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	01-Feb-22	14-Mar-22	13d
DG-SV-SW-5160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	15-Mar-22	23-Mar-22	64d
DG-SV-SW-5180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	15-Mar-22	28-Mar-22	61d
DG-SV-SW-5200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	29-Mar-22	30-Mar-22	61d
AFC Design Gate 3 (100%)		25d	31-Mar-22	10-May-22	61d
DG-SV-SW-5220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	31-Mar-22	13-Apr-22	61d
DG-SV-SW-5240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	14-Apr-22	27-Apr-22	64d
DG-SV-SW-5260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	14-Apr-22	03-May-22	61d
DG-SV-SW-5280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	04-May-22	10-May-22	61d
Water DP#4 (Zone 1E - 1G)		129d	20-Oct-21	10-May-22	23d
Design Development Concept (15%) / Application		20d	20-Oct-21	16-Nov-21	13d
DG-SV-WT-4000	Design - UDEC - Water - Concept Design 15% / Application	5d	20-Oct-21	26-Oct-21	13d
DG-SV-WT-4020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	27-Oct-21	02-Nov-21	13d
DG-SV-WT-4040	Design - UDEC - Water - CoGC Reviews & Comments	10d	03-Nov-21	16-Nov-21	13d
Design Development Gate 1 (50%)		42d	17-Nov-21	31-Jan-22	13d
DG-SV-WT-4060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	17-Nov-21	12-Jan-22	13d
DG-SV-WT-4080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Jan-22	21-Jan-22	16d
DG-SV-WT-4100	Design - UDEC - Water - Stakeholder Review Workshop	10d	13-Jan-22	27-Jan-22	13d
DG-SV-WT-4120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	28-Jan-22	31-Jan-22	13d
Design Development Gate 2 (85%)		42d	01-Feb-22	30-Mar-22	23d
DG-SV-WT-4140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	01-Feb-22	14-Mar-22	13d
DG-SV-WT-4160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	15-Mar-22	23-Mar-22	26d
DG-SV-WT-4180	Design - UDEC - Water - Stakeholder Review Workshop	10d	15-Mar-22	28-Mar-22	23d
DG-SV-WT-4200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	29-Mar-22	30-Mar-22	23d
AFC Design Gate 3 (100%)		25d	31-Mar-22	10-May-22	23d
DG-SV-WT-4220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	31-Mar-22	13-Apr-22	23d
DG-SV-WT-4240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	14-Apr-22	27-Apr-22	26d
DG-SV-WT-4260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	14-Apr-22	03-May-22	23d
DG-SV-WT-4280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	04-May-22	10-May-22	23d
Design Group-3		154d	27-Oct-21	21-Jun-22	69d
Water DP#5 (Zone 1K - 2A)		154d	27-Oct-21	21-Jun-22	13d
Design Development Concept (15%) / Application		20d	27-Oct-21	23-Nov-21	28d
DG-SV-WT-5000	Design - UDEC - Water - Concept Design 15% / Application	5d	27-Oct-21	02-Nov-21	28d
DG-SV-WT-5020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	03-Nov-21	09-Nov-21	28d
DG-SV-WT-5040	Design - UDEC - Water - CoGC Reviews & Comments	10d	10-Nov-21	23-Nov-21	28d
Design Development Gate 1 (50%)		42d	13-Jan-22	14-Mar-22	13d
DG-SV-WT-5060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	13-Jan-22	24-Feb-22	13d
DG-SV-WT-5080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	25-Feb-22	07-Mar-22	16d
DG-SV-WT-5100	Design - UDEC - Water - Stakeholder Review Workshop	10d	25-Feb-22	10-Mar-22	13d
DG-SV-WT-5120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	11-Mar-22	14-Mar-22	13d
Design Development Gate 2 (85%)		42d	15-Mar-22	17-May-22	13d
DG-SV-WT-5140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	15-Mar-22	28-Apr-22	13d
DG-SV-WT-5160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	29-Apr-22	10-May-22	16d
DG-SV-WT-5180	Design - UDEC - Water - Stakeholder Review Workshop	10d	29-Apr-22	13-May-22	13d
DG-SV-WT-5200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	16-May-22	17-May-22	13d
AFC Design Gate 3 (100%)		25d	18-May-22	21-Jun-22	13d
DG-SV-WT-5220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	18-May-22	31-May-22	13d
DG-SV-WT-5240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	01-Jun-22	09-Jun-22	16d
DG-SV-WT-5260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	01-Jun-22	14-Jun-22	13d



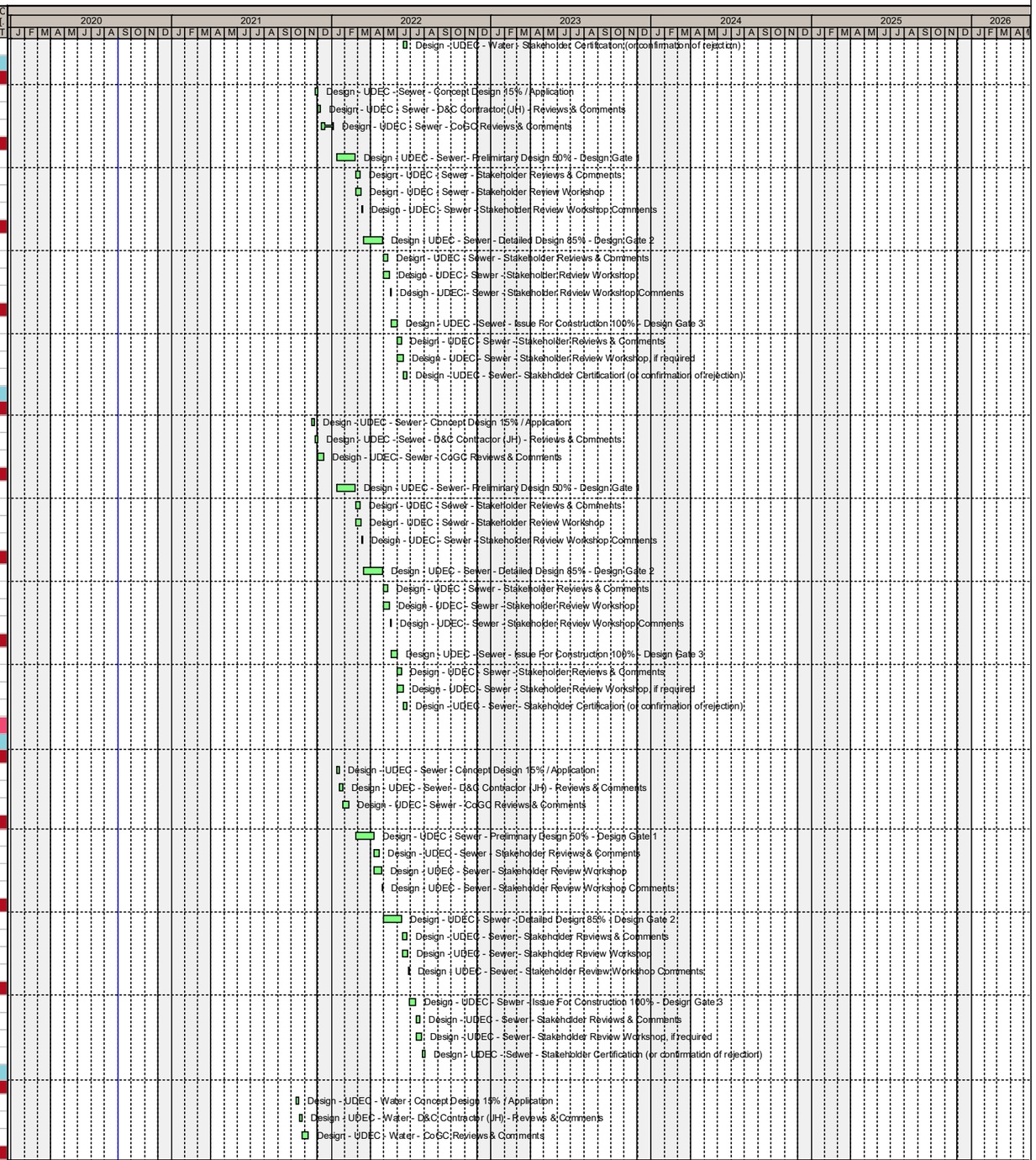
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-SV-WT-5280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	15-Jun-22	21-Jun-22	13d
Sewer DP#2 (Zone 1E - 1I)		134d	24-Nov-21	21-Jun-22	69d
Design Development Concept (15%) / Application		20d	24-Nov-21	05-Jan-22	28d
DG-SV-SW-2000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	24-Nov-21	30-Nov-21	28d
DG-SV-SW-2020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	01-Dec-21	07-Dec-21	28d
DG-SV-SW-2040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	08-Dec-21	05-Jan-22	28d
Design Development Gate 1 (50%)		42d	13-Jan-22	14-Mar-22	23d
DG-SV-SW-2060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	13-Jan-22	24-Feb-22	23d
DG-SV-SW-2080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	25-Feb-22	07-Mar-22	26d
DG-SV-SW-2100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	25-Feb-22	10-Mar-22	23d
DG-SV-SW-2120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	11-Mar-22	14-Mar-22	23d
Design Development Gate 2 (85%)		42d	15-Mar-22	17-May-22	69d
DG-SV-SW-2140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	15-Mar-22	28-Apr-22	23d
DG-SV-SW-2160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	29-Apr-22	10-May-22	72d
DG-SV-SW-2180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	29-Apr-22	13-May-22	69d
DG-SV-SW-2200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	16-May-22	17-May-22	69d
AFC Design Gate 3 (100%)		25d	18-May-22	21-Jun-22	69d
DG-SV-SW-2220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	18-May-22	31-May-22	69d
DG-SV-SW-2240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	01-Jun-22	09-Jun-22	72d
DG-SV-SW-2260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	01-Jun-22	14-Jun-22	69d
DG-SV-SW-2280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	15-Jun-22	21-Jun-22	69d
Sewer DP#1 (Zone 1A - 1F)		139d	17-Nov-21	21-Jun-22	31d
Design Development Concept (15%) / Application		20d	17-Nov-21	14-Dec-21	33d
DG-SV-SW-1000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	17-Nov-21	23-Nov-21	28d
DG-SV-SW-1020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	24-Nov-21	30-Nov-21	33d
DG-SV-SW-1040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	01-Dec-21	14-Dec-21	33d
Design Development Gate 1 (50%)		42d	13-Jan-22	14-Mar-22	53d
DG-SV-SW-1060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	13-Jan-22	24-Feb-22	23d
DG-SV-SW-1080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	25-Feb-22	07-Mar-22	56d
DG-SV-SW-1100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	25-Feb-22	10-Mar-22	53d
DG-SV-SW-1120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	11-Mar-22	14-Mar-22	53d
Design Development Gate 2 (85%)		42d	15-Mar-22	17-May-22	31d
DG-SV-SW-1140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	15-Mar-22	28-Apr-22	23d
DG-SV-SW-1160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	29-Apr-22	10-May-22	34d
DG-SV-SW-1180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	29-Apr-22	13-May-22	31d
DG-SV-SW-1200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	16-May-22	17-May-22	31d
AFC Design Gate 3 (100%)		25d	18-May-22	21-Jun-22	31d
DG-SV-SW-1220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	18-May-22	31-May-22	31d
DG-SV-SW-1240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	01-Jun-22	09-Jun-22	34d
DG-SV-SW-1260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	01-Jun-22	14-Jun-22	31d
DG-SV-SW-1280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	15-Jun-22	21-Jun-22	31d
Design Group-4		217d	09-Sep-21	02-Aug-22	39d
Sewer DP#3 (Zone 1K - 2B)		139d	13-Jan-22	02-Aug-22	37d
Design Development Concept (15%) / Application		20d	13-Jan-22	10-Feb-22	33d
DG-SV-SW-3000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	13-Jan-22	19-Jan-22	33d
DG-SV-SW-3020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	20-Jan-22	27-Jan-22	33d
DG-SV-SW-3040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	28-Jan-22	10-Feb-22	33d
Design Development Gate 1 (50%)		42d	25-Feb-22	28-Apr-22	23d
DG-SV-SW-3060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	25-Feb-22	07-Apr-22	23d
DG-SV-SW-3080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	08-Apr-22	20-Apr-22	26d
DG-SV-SW-3100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	08-Apr-22	26-Apr-22	23d
DG-SV-SW-3120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	27-Apr-22	28-Apr-22	23d
Design Development Gate 2 (85%)		42d	29-Apr-22	28-Jun-22	37d
DG-SV-SW-3140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	29-Apr-22	10-Jun-22	23d
DG-SV-SW-3160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	13-Jun-22	21-Jun-22	40d
DG-SV-SW-3180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	13-Jun-22	24-Jun-22	37d
DG-SV-SW-3200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	27-Jun-22	28-Jun-22	37d
AFC Design Gate 3 (100%)		25d	29-Jun-22	02-Aug-22	37d
DG-SV-SW-3220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	29-Jun-22	12-Jul-22	37d
DG-SV-SW-3240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	13-Jul-22	21-Jul-22	40d
DG-SV-SW-3260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	13-Jul-22	26-Jul-22	37d
DG-SV-SW-3280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	27-Jul-22	02-Aug-22	37d
Water DP#8 (Zone 2D - 2I)		194d	13-Oct-21	02-Aug-22	31d
Design Development Concept (15%) / Application		20d	13-Oct-21	09-Nov-21	48d
DG-SV-WT-8000	Design - UDEC - Water - Concept Design 15% / Application	5d	13-Oct-21	19-Oct-21	13d
DG-SV-WT-8020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	20-Oct-21	26-Oct-21	48d
DG-SV-WT-8040	Design - UDEC - Water - CoGC Reviews & Comments	10d	27-Oct-21	09-Nov-21	48d
Design Development Gate 1 (50%)		42d	25-Feb-22	28-Apr-22	23d



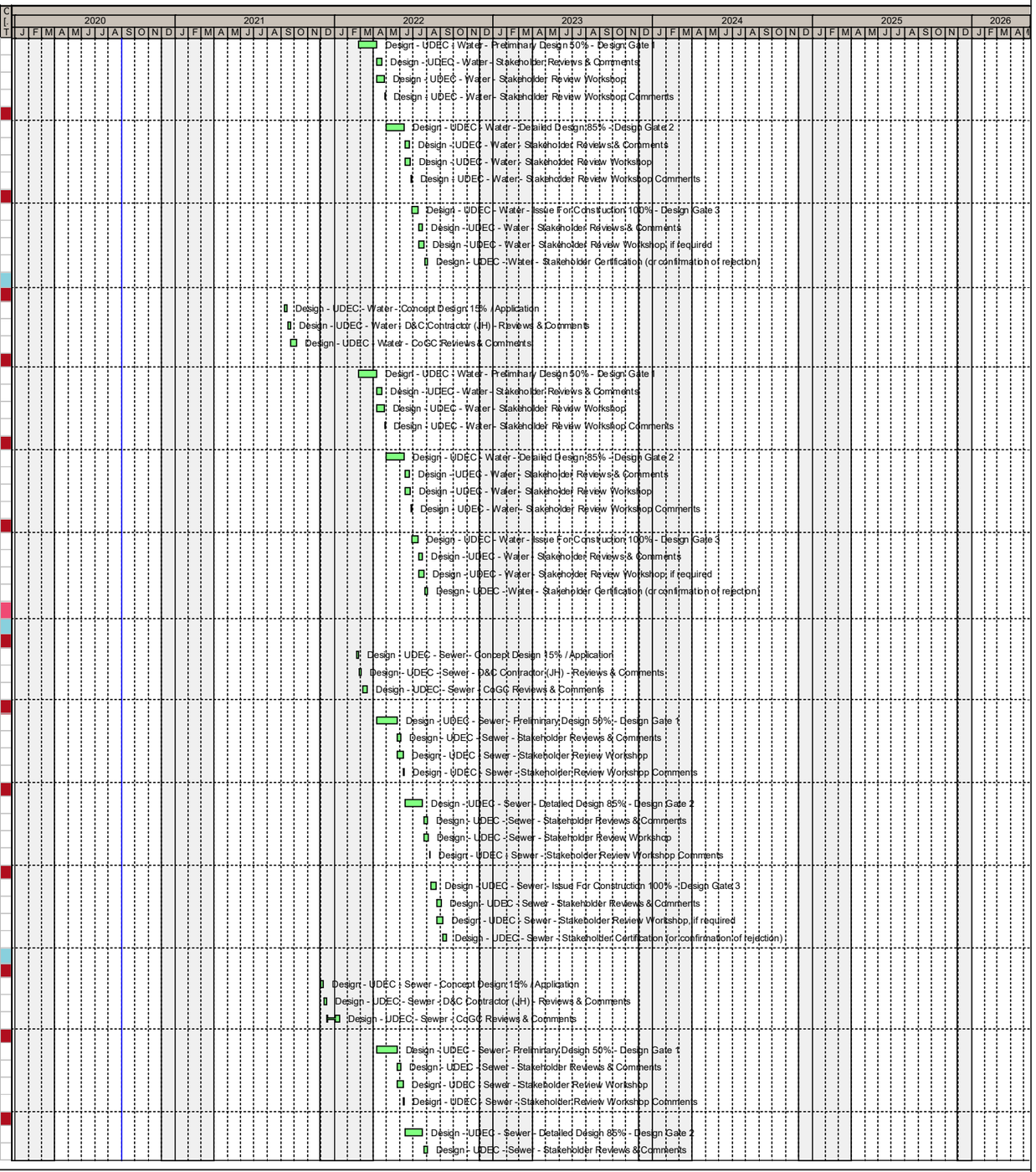
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-SV-WT-8060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	25-Feb-22	07-Apr-22	23d
DG-SV-WT-8080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	08-Apr-22	20-Apr-22	26d
DG-SV-WT-8100	Design - UDEC - Water - Stakeholder Review Workshop	10d	08-Apr-22	26-Apr-22	23d
DG-SV-WT-8120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	27-Apr-22	28-Apr-22	23d
Design Development Gate 2 (85%)		42d	29-Apr-22	28-Jun-22	31d
DG-SV-WT-8140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	29-Apr-22	10-Jun-22	23d
DG-SV-WT-8160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Jun-22	21-Jun-22	34d
DG-SV-WT-8180	Design - UDEC - Water - Stakeholder Review Workshop	10d	13-Jun-22	24-Jun-22	31d
DG-SV-WT-8200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	27-Jun-22	28-Jun-22	31d
AFC Design Gate 3 (100%)		25d	29-Jun-22	02-Aug-22	31d
DG-SV-WT-8220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	29-Jun-22	12-Jul-22	31d
DG-SV-WT-8240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Jul-22	21-Jul-22	34d
DG-SV-WT-8260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	13-Jul-22	26-Jul-22	31d
DG-SV-WT-8280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	27-Jul-22	02-Aug-22	31d
Water DP#6 (Zone 2A - 2C)		217d	09-Sep-21	02-Aug-22	39d
Design Development Concept (15%) / Application		20d	09-Sep-21	07-Oct-21	91d
DG-SV-WT-6000	Design - UDEC - Water - Concept Design 15% / Application	5d	09-Sep-21	15-Sep-21	31d
DG-SV-WT-6020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	16-Sep-21	22-Sep-21	91d
DG-SV-WT-6040	Design - UDEC - Water - CoGC Reviews & Comments	10d	23-Sep-21	07-Oct-21	91d
Design Development Gate 1 (50%)		42d	25-Feb-22	28-Apr-22	23d
DG-SV-WT-6060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	25-Feb-22	07-Apr-22	23d
DG-SV-WT-6080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	08-Apr-22	20-Apr-22	26d
DG-SV-WT-6100	Design - UDEC - Water - Stakeholder Review Workshop	10d	08-Apr-22	26-Apr-22	23d
DG-SV-WT-6120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	27-Apr-22	28-Apr-22	23d
Design Development Gate 2 (85%)		42d	29-Apr-22	28-Jun-22	39d
DG-SV-WT-6140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	29-Apr-22	10-Jun-22	23d
DG-SV-WT-6160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Jun-22	21-Jun-22	42d
DG-SV-WT-6180	Design - UDEC - Water - Stakeholder Review Workshop	10d	13-Jun-22	24-Jun-22	39d
DG-SV-WT-6200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	27-Jun-22	28-Jun-22	39d
AFC Design Gate 3 (100%)		25d	29-Jun-22	02-Aug-22	39d
DG-SV-WT-6220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	29-Jun-22	12-Jul-22	39d
DG-SV-WT-6240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Jul-22	21-Jul-22	42d
DG-SV-WT-6260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	13-Jul-22	26-Jul-22	39d
DG-SV-WT-6280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	27-Jul-22	02-Aug-22	39d
Design Group-5		189d	01-Dec-21	14-Sep-22	23d
Sewer DP#4 (Zone 2C - 2I)		143d	21-Feb-22	14-Sep-22	23d
Design Development Concept (15%) / Application		20d	21-Feb-22	18-Mar-22	37d
DG-SV-SW-4000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	21-Feb-22	25-Feb-22	37d
DG-SV-SW-4020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	28-Feb-22	04-Mar-22	37d
DG-SV-SW-4040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	07-Mar-22	18-Mar-22	37d
Design Development Gate 1 (50%)		42d	08-Apr-22	10-Jun-22	23d
DG-SV-SW-4060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	08-Apr-22	25-May-22	23d
DG-SV-SW-4080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	26-May-22	03-Jun-22	26d
DG-SV-SW-4100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	26-May-22	08-Jun-22	23d
DG-SV-SW-4120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	09-Jun-22	10-Jun-22	23d
Design Development Gate 2 (85%)		42d	13-Jun-22	09-Aug-22	23d
DG-SV-SW-4140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	13-Jun-22	22-Jul-22	23d
DG-SV-SW-4160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	25-Jul-22	02-Aug-22	26d
DG-SV-SW-4180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	25-Jul-22	05-Aug-22	23d
DG-SV-SW-4200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	08-Aug-22	09-Aug-22	23d
AFC Design Gate 3 (100%)		25d	10-Aug-22	14-Sep-22	23d
DG-SV-SW-4220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	10-Aug-22	23-Aug-22	23d
DG-SV-SW-4240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	24-Aug-22	02-Sep-22	26d
DG-SV-SW-4260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	24-Aug-22	07-Sep-22	23d
DG-SV-SW-4280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	08-Sep-22	14-Sep-22	23d
Sewer DP#6 (Zone 1H - 2G)		189d	01-Dec-21	14-Sep-22	23d
Design Development Concept (15%) / Application		20d	01-Dec-21	12-Jan-22	33d
DG-SV-SW-6000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	01-Dec-21	07-Dec-21	33d
DG-SV-SW-6020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	08-Dec-21	14-Dec-21	33d
DG-SV-SW-6040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	15-Dec-21	12-Jan-22	33d
Design Development Gate 1 (50%)		42d	08-Apr-22	10-Jun-22	23d
DG-SV-SW-6060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	08-Apr-22	25-May-22	23d
DG-SV-SW-6080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	26-May-22	03-Jun-22	26d
DG-SV-SW-6100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	26-May-22	08-Jun-22	23d
DG-SV-SW-6120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	09-Jun-22	10-Jun-22	23d
Design Development Gate 2 (85%)		42d	13-Jun-22	09-Aug-22	23d
DG-SV-SW-6140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	13-Jun-22	22-Jul-22	23d
DG-SV-SW-6160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	25-Jul-22	02-Aug-22	26d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DG-SV-SW-6180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	25-Jul-22	05-Aug-22	23d	
DG-SV-SW-6200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	08-Aug-22	09-Aug-22	23d	
AFC Design Gate 3 (100%)		25d	10-Aug-22	14-Sep-22	23d	
DG-SV-SW-6220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	10-Aug-22	23-Aug-22	23d	
DG-SV-SW-6240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	24-Aug-22	02-Sep-22	26d	
DG-SV-SW-6260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	24-Aug-22	07-Sep-22	23d	
DG-SV-SW-6280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	08-Sep-22	14-Sep-22	23d	
Water DP#7 (Zone 2D, 2E, 2F)		163d	21-Jan-22	14-Sep-22	23d	
Design Development Concept (15%) / Application		20d	21-Jan-22	18-Feb-22	37d	
DG-SV-WT-7000	Design - UDEC - Water - Concept Design 15% / Application	5d	21-Jan-22	28-Jan-22	37d	
DG-SV-WT-7020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	31-Jan-22	04-Feb-22	37d	
DG-SV-WT-7040	Design - UDEC - Water - CoGC Reviews & Comments	10d	07-Feb-22	18-Feb-22	37d	
Design Development Gate 1 (50%)		42d	08-Apr-22	10-Jun-22	23d	
DG-SV-WT-7060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	08-Apr-22	25-May-22	23d	
DG-SV-WT-7080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	26-May-22	03-Jun-22	26d	
DG-SV-WT-7100	Design - UDEC - Water - Stakeholder Review Workshop	10d	26-May-22	08-Jun-22	23d	
DG-SV-WT-7120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	09-Jun-22	10-Jun-22	23d	
Design Development Gate 2 (85%)		42d	13-Jun-22	09-Aug-22	23d	
DG-SV-WT-7140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	13-Jun-22	22-Jul-22	23d	
DG-SV-WT-7160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	25-Jul-22	02-Aug-22	26d	
DG-SV-WT-7180	Design - UDEC - Water - Stakeholder Review Workshop	10d	25-Jul-22	05-Aug-22	23d	
DG-SV-WT-7200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	08-Aug-22	09-Aug-22	23d	
AFC Design Gate 3 (100%)		25d	10-Aug-22	14-Sep-22	23d	
DG-SV-WT-7220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	10-Aug-22	23-Aug-22	23d	
DG-SV-WT-7240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	24-Aug-22	02-Sep-22	26d	
DG-SV-WT-7260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	24-Aug-22	07-Sep-22	23d	
DG-SV-WT-7280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	08-Sep-22	14-Sep-22	23d	
Design Group-6		153d	21-Mar-22	27-Oct-22	126d	
Water DP#10 (Zone 2A Miami Shore Pde)		153d	21-Mar-22	27-Oct-22	126d	
Design Development Concept (15%) / Application		20d	21-Mar-22	19-Apr-22	150d	
DG-SV-WT-10000	Design - UDEC - Water - Concept Design 15% / Application	5d	21-Mar-22	25-Mar-22	150d	
DG-SV-WT-10010	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	28-Mar-22	01-Apr-22	150d	
DG-SV-WT-10030	Design - UDEC - Water - CoGC Reviews & Comments	10d	04-Apr-22	19-Apr-22	150d	
Design Development Gate 1 (50%)		42d	26-May-22	22-Jul-22	126d	
DG-SV-WT-10050	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	26-May-22	06-Jul-22	126d	
DG-SV-WT-10070	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	07-Jul-22	15-Jul-22	129d	
DG-SV-WT-10090	Design - UDEC - Water - Stakeholder Review Workshop	10d	07-Jul-22	20-Jul-22	126d	
DG-SV-WT-10110	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	21-Jul-22	22-Jul-22	126d	
Design Development Gate 2 (85%)		42d	25-Jul-22	21-Sep-22	126d	
DG-SV-WT-10130	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	25-Jul-22	05-Sep-22	126d	
DG-SV-WT-10150	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	06-Sep-22	14-Sep-22	129d	
DG-SV-WT-10170	Design - UDEC - Water - Stakeholder Review Workshop	10d	06-Sep-22	19-Sep-22	126d	
DG-SV-WT-10190	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	20-Sep-22	21-Sep-22	126d	
AFC Design Gate 3 (100%)		25d	22-Sep-22	27-Oct-22	126d	
DG-SV-WT-10210	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	22-Sep-22	06-Oct-22	126d	
DG-SV-WT-10230	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	07-Oct-22	17-Oct-22	129d	
DG-SV-WT-10250	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	07-Oct-22	20-Oct-22	126d	
DG-SV-WT-10270	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	21-Oct-22	27-Oct-22	126d	
Area 000 - Project Wide		449d	20-Jul-21	26-May-23	682d	
DG-MS-1000	Design - Detail Complete	0d		27-Feb-23	367d	
Flood Modelling		328d	20-Jul-21	17-Nov-22	602d	
Flood Modelling - North - Existing Report		86d	27-Jul-21	25-Nov-21	665d	
DG-000-FM-1000	Design - Area 000 - Flood Modelling - North - Existing Report	45d	27-Jul-21	28-Sep-21	38d	
DG-000-FM-1020	Design - Area 000 - Flood Modelling - North - Existing - External Review - IV Goldlinq State O&M & Close Commer	15d	29-Sep-21	20-Oct-21	41d	
DG-000-FM-1040	Design - Area 000 - Flood Modelling - North - Existing Report	26d	29-Sep-21	04-Nov-21	38d	
DG-000-FM-1060	Design - Area 000 - Flood Modelling - North - Existing - External Review - IV Goldlinq State O&M & Close Commer	15d	05-Nov-21	25-Nov-21	665d	
Flood Modelling - North - Design Report		79d	29-Jun-22	19-Oct-22	623d	
DG-000-FM-2000	Design - Area 000 - Flood Modelling - North - Design Report	33d	29-Jun-22	12-Aug-22	623d	
DG-000-FM-2020	Design - Area 000 - Flood Modelling - North - Design Report - External Review - IV Goldlinq State O&M & Close C	15d	15-Aug-22	05-Sep-22	629d	
DG-000-FM-2040	Design - Area 000 - Flood Modelling - North - Design Report	31d	15-Aug-22	27-Sep-22	623d	
DG-000-FM-2060	Design - Area 000 - Flood Modelling - North - Design Report - External Review - IV Goldlinq State O&M & Close C	15d	28-Sep-22	19-Oct-22	623d	
Flood Modelling - South - Existing Report		96d	03-Aug-21	16-Dec-21	47d	
DG-000-FM-3000	Design - Area 000 - Flood Modelling - South - Existing Report	44d	03-Aug-21	05-Oct-21	47d	
DG-000-FM-3020	Design - Area 000 - Flood Modelling - South - Existing - External Review - IV Goldlinq State O&M & Close Commer	15d	06-Oct-21	26-Oct-21	59d	
DG-000-FM-3040	Design - Area 000 - Flood Modelling - South - Existing Report	37d	06-Oct-21	25-Nov-21	47d	
DG-000-FM-3060	Design - Area 000 - Flood Modelling - South - Existing - External Review - IV Goldlinq State O&M & Close Commer	15d	26-Nov-21	16-Dec-21	47d	
Flood Modelling - South - Design Report		86d	19-Jul-22	17-Nov-22	602d	

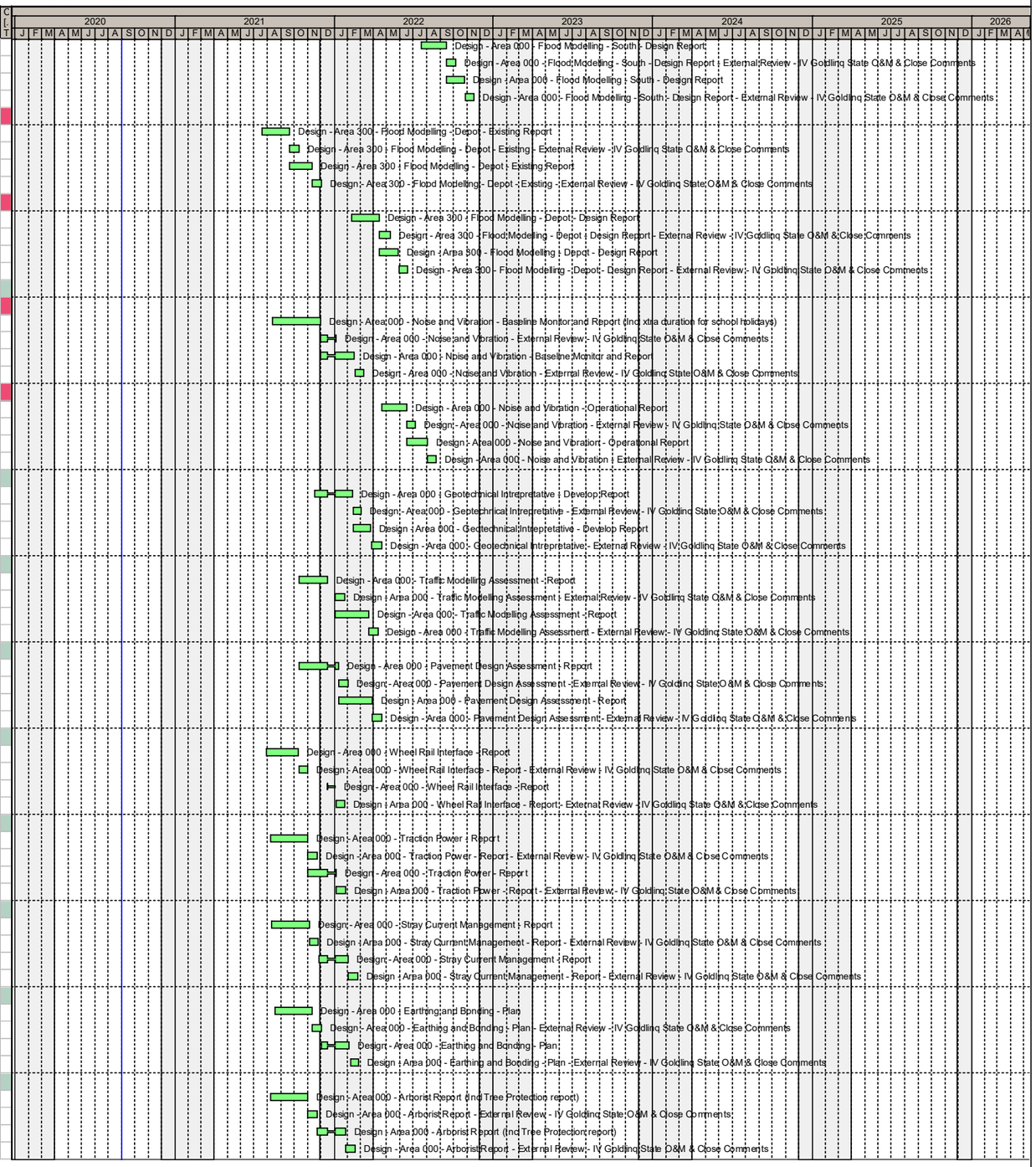


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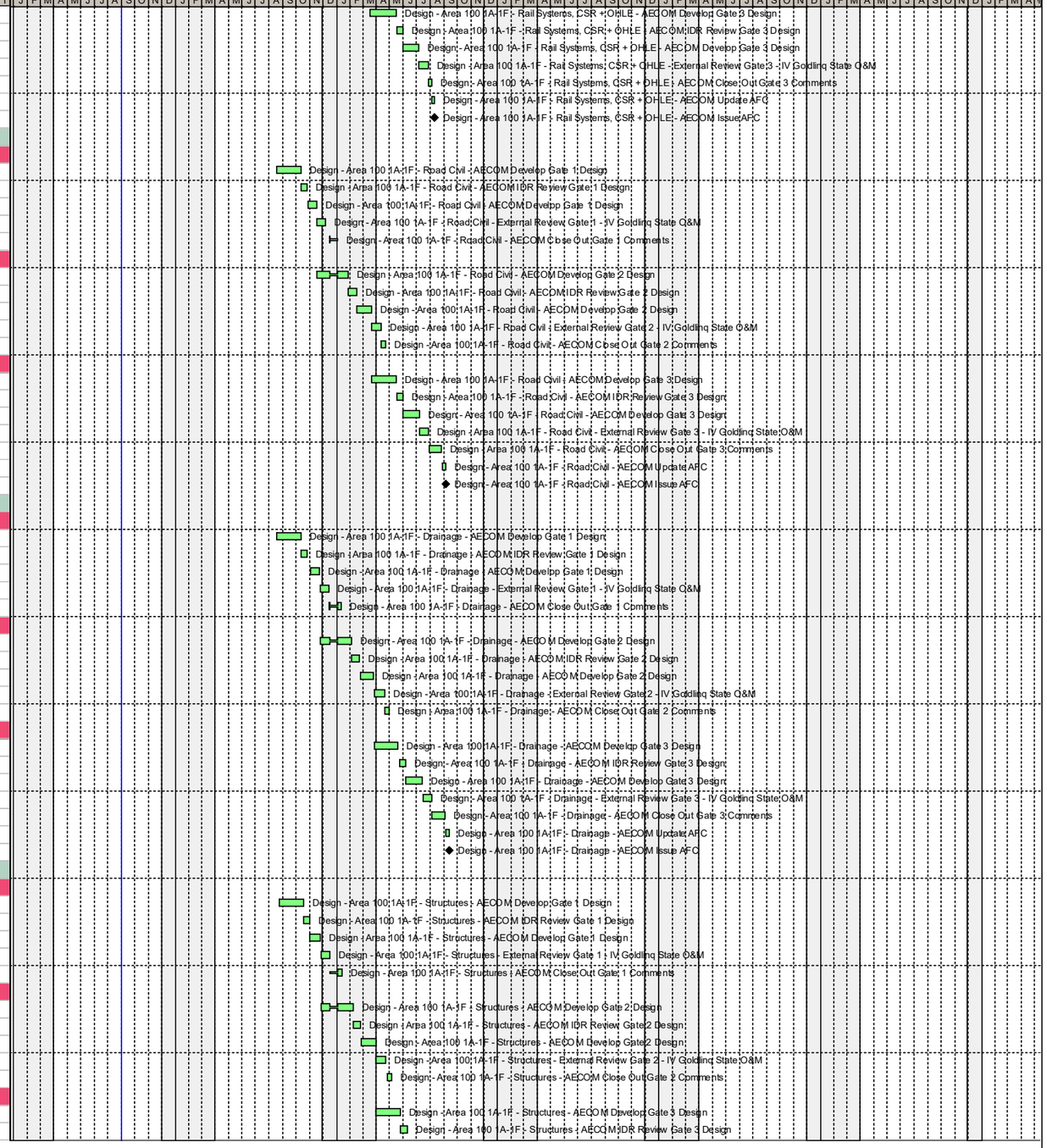
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DG-000-FM-4000	Design - Area 000 - Flood Modelling - South - Design Report	42d	19-Jul-22	15-Sep-22	320d	
DG-000-FM-4020	Design - Area 000 - Flood Modelling - South - Design Report - External Review - IV Goldlinq State O&M & Close C	15d	16-Sep-22	07-Oct-22	611d	
DG-000-FM-4040	Design - Area 000 - Flood Modelling - South - Design Report	29d	16-Sep-22	27-Oct-22	602d	
DG-000-FM-4060	Design - Area 000 - Flood Modelling - South - Design Report - External Review - IV Goldlinq State O&M & Close C	15d	28-Oct-22	17-Nov-22	602d	
Flood Modelling - Depot - Existing Report		96d	20-Jul-21	02-Dec-21	187d	
DG-000-FM-5000	Design - Area 300 - Flood Modelling - Depot - Existing Report	44d	20-Jul-21	20-Sep-21	187d	
DG-000-FM-5020	Design - Area 300 - Flood Modelling - Depot - Existing - External Review - IV Goldlinq State O&M & Close Comme	15d	21-Sep-21	12-Oct-21	199d	
DG-000-FM-5040	Design - Area 300 - Flood Modelling - Depot - Existing Report	37d	21-Sep-21	11-Nov-21	187d	
DG-000-FM-5060	Design - Area 300 - Flood Modelling - Depot - Existing - External Review - IV Goldlinq State O&M & Close Comme	15d	12-Nov-21	02-Dec-21	187d	
Flood Modelling - Depot - Design Report		88d	10-Feb-22	17-Jun-22	333d	
DG-000-FM-6000	Design - Area 300 - Flood Modelling - Depot - Design Report	45d	10-Feb-22	13-Apr-22	333d	
DG-000-FM-6020	Design - Area 300 - Flood Modelling - Depot - Design Report - External Review - IV Goldlinq State O&M & Close C	15d	14-Apr-22	10-May-22	336d	
DG-000-FM-6040	Design - Area 300 - Flood Modelling - Depot - Design Report	28d	14-Apr-22	27-May-22	333d	
DG-000-FM-6060	Design - Area 300 - Flood Modelling - Depot - Design Report - External Review - IV Goldlinq State O&M & Close C	15d	30-May-22	17-Jun-22	333d	
Noise and Vibration		251d	12-Aug-21	23-Aug-22	156d	
Noise and Vibration - Baseline Report		136d	12-Aug-21	09-Mar-22	141d	
DG-000-NV-1000	Design - Area 000 - Noise and Vibration - Baseline Monitor and Report (Incl xtra duration for school holidays)	77d	12-Aug-21	30-Nov-21	141d	
DG-000-NV-1020	Design - Area 000 - Noise and Vibration - External Review - IV Goldlinq State O&M & Close Comments	15d	01-Dec-21	05-Jan-22	160d	
DG-000-NV-1040	Design - Area 000 - Noise and Vibration - Baseline Monitor and Report	44d	01-Dec-21	16-Feb-22	141d	
DG-000-NV-1060	Design - Area 000 - Noise and Vibration - External Review - IV Goldlinq State O&M & Close Comments	15d	17-Feb-22	09-Mar-22	141d	
Noise and Vibration - Operational Report		88d	20-Apr-22	23-Aug-22	156d	
DG-000-NV-2000	Design - Area 000 - Noise and Vibration - Operational Report	39d	20-Apr-22	15-Jun-22	125d	
DG-000-NV-2020	Design - Area 000 - Noise and Vibration - External Review - IV Goldlinq State O&M & Close Comments	15d	16-Jun-22	06-Jul-22	165d	
DG-000-NV-2040	Design - Area 000 - Noise and Vibration - Operational Report	34d	16-Jun-22	02-Aug-22	156d	
DG-000-NV-2060	Design - Area 000 - Noise and Vibration - External Review - IV Goldlinq State O&M & Close Comments	15d	03-Aug-22	23-Aug-22	156d	
Geotechnical Interpretative Report		95d	18-Nov-21	19-Apr-22	82d	
DG-000-GT-1000	Design - Area 000 - Geotechnical Intrepretative - Develop Report	50d	18-Nov-21	11-Feb-22	82d	
DG-000-GT-1020	Design - Area 000 - Geotechnical Intrepretative - External Review - IV Goldlinq State O&M & Close Comments	15d	14-Feb-22	04-Mar-22	87d	
DG-000-GT-1040	Design - Area 000 - Geotechnical Intrepretative - Develop Report	30d	14-Feb-22	25-Mar-22	82d	
DG-000-GT-1060	Design - Area 000 - Geotechnical Intrepretative - External Review - IV Goldlinq State O&M & Close Comments	15d	28-Mar-22	19-Apr-22	82d	
Traffic Modelling Assessment Report		117d	13-Oct-21	11-Apr-22	100d	
DG-000-TM-1000	Design - Area 000 - Traffic Modelling Assessment - Report	48d	13-Oct-21	17-Dec-21	100d	
DG-000-TM-1020	Design - Area 000 - Traffic Modelling Assessment - External Review - IV Goldlinq State O&M & Close Comments	15d	04-Jan-22	24-Jan-22	129d	
DG-000-TM-1040	Design - Area 000 - Traffic Modelling Assessment - Report	54d	04-Jan-22	21-Mar-22	100d	
DG-000-TM-1060	Design - Area 000 - Traffic Modelling Assessment - External Review - IV Goldlinq State O&M & Close Comments	15d	22-Mar-22	11-Apr-22	100d	
Pavement Design Assessment Report		122d	13-Oct-21	20-Apr-22	95d	
DG-000-PD-1000	Design - Area 000 - Pavement Design Assessment - Report	53d	13-Oct-21	10-Jan-22	95d	
DG-000-PD-1020	Design - Area 000 - Pavement Design Assessment - External Review - IV Goldlinq State O&M & Close Comments	15d	11-Jan-22	01-Feb-22	124d	
DG-000-PD-1040	Design - Area 000 - Pavement Design Assessment - Report	54d	11-Jan-22	28-Mar-22	95d	
DG-000-PD-1060	Design - Area 000 - Pavement Design Assessment - External Review - IV Goldlinq State O&M & Close Comments	15d	29-Mar-22	20-Apr-22	95d	
Wheel Rail Interface - Report		115d	30-Jul-21	25-Jan-22	237d	
DG-000-WR-1000	Design - Area 000 - Wheel Rail Interface - Report	50d	30-Jul-21	11-Oct-21	237d	
DG-000-WR-1020	Design - Area 000 - Wheel Rail Interface - Report - External Review - IV Goldlinq State O&M & Close Comments	15d	12-Oct-21	01-Nov-21	237d	
DG-000-WR-1040	Design - Area 000 - Wheel Rail Interface - Report	25d	16-Nov-21	04-Jan-22	237d	
DG-000-WR-1060	Design - Area 000 - Wheel Rail Interface - Report - External Review - IV Goldlinq State O&M & Close Comments	15d	05-Jan-22	25-Jan-22	237d	
Traction Power - Report		110d	09-Aug-21	27-Jan-22	62d	
DG-000-TP-1000	Design - Area 000 - Traction Power - Report	59d	09-Aug-21	01-Nov-21	62d	
DG-000-TP-1020	Design - Area 000 - Traction Power - Report - External Review - IV Goldlinq State O&M & Close Comments	15d	02-Nov-21	22-Nov-21	68d	
DG-000-TP-1040	Design - Area 000 - Traction Power - Report	36d	02-Nov-21	05-Jan-22	62d	
DG-000-TP-1060	Design - Area 000 - Traction Power - Report - External Review - IV Goldlinq State O&M & Close Comments	15d	06-Jan-22	27-Jan-22	62d	
Stray Current Management - Report		127d	11-Aug-21	23-Feb-22	119d	
DG-000-SC-1000	Design - Area 000 - Stray Current Management - Report	60d	11-Aug-21	04-Nov-21	119d	
DG-000-SC-1020	Design - Area 000 - Stray Current Management - Report - External Review - IV Goldlinq State O&M & Close Comr	15d	05-Nov-21	25-Nov-21	119d	
DG-000-SC-1040	Design - Area 000 - Stray Current Management - Report	37d	26-Nov-21	02-Feb-22	119d	
DG-000-SC-1060	Design - Area 000 - Stray Current Management - Report - External Review - IV Goldlinq State O&M & Close Comr	15d	03-Feb-22	23-Feb-22	119d	
Earthing and Bonding Plan		124d	18-Aug-21	25-Feb-22	183d	
DG-000-EB-1000	Design - Area 000 - Earthing and Bonding - Plan	60d	18-Aug-21	11-Nov-21	183d	
DG-000-EB-1020	Design - Area 000 - Earthing and Bonding - Plan - External Review - IV Goldlinq State O&M & Close Comments	15d	12-Nov-21	02-Dec-21	183d	
DG-000-EB-1040	Design - Area 000 - Earthing and Bonding - Plan	34d	03-Dec-21	04-Feb-22	183d	
DG-000-EB-1060	Design - Area 000 - Earthing and Bonding - Plan - External Review - IV Goldlinq State O&M & Close Comments	15d	07-Feb-22	25-Feb-22	183d	
Arborist Report (Incl Tree Protection Report)		125d	09-Aug-21	17-Feb-22	380d	
DG-000-LS-1000	Design - Area 000 - Arborist Report (Incl Tree Protection report)	59d	09-Aug-21	01-Nov-21	380d	
DG-000-LS-1020	Design - Area 000 - Arborist Report - External Review - IV Goldlinq State O&M & Close Comments	15d	02-Nov-21	22-Nov-21	380d	
DG-000-LS-1040	Design - Area 000 - Arborist Report (Incl Tree Protection report)	36d	23-Nov-21	27-Jan-22	380d	
DG-000-LS-1060	Design - Area 000 - Arborist Report - External Review - IV Goldlinq State O&M & Close Comments	15d	28-Jan-22	17-Feb-22	380d	


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
Fire Engineering Brief - Depot (Update)		170d	30-Aug-21	17-May-22	227d	
DG-000-FE-1000	Design - Area 000 - Fire Engineering - Brief (Update)	40d	30-Aug-21	25-Oct-21	227d	
DG-000-FE-1020	Design - Area 000 - Fire Engineering - Brief (Update) - External Review - IV Goldlinq State O&M & Close Commer	15d	26-Oct-21	15-Nov-21	317d	
DG-000-FE-1040	Design - Area 000 - Fire Engineering - Brief (Update)	115d	26-Oct-21	22-Apr-22	227d	
DG-000-FE-1060	Design - Area 000 - Fire Engineering - Brief (Update) - External Review - IV Goldlinq State O&M & Close Commer	15d	26-Apr-22	17-May-22	227d	
Fire Engineering Report - Depot (Update)		145d	01-Nov-21	13-Jun-22	892d	
DG-000-FE-2000	Design - Area 000 - Fire Engineering - Report (Update)	48d	01-Nov-21	20-Jan-22	248d	
DG-000-FE-2020	Design - Area 000 - Fire Engineering - Report (Update) - External Review - IV Goldlinq State O&M & Close Comr	15d	21-Jan-22	11-Feb-22	305d	
DG-000-FE-2040	Design - Area 000 - Fire Engineering - Report (Update)	82d	21-Jan-22	23-May-22	248d	
DG-000-FE-2060	Design - Area 000 - Fire Engineering - Report (Update) - External Review - IV Goldlinq State O&M & Close Comr	15d	24-May-22	13-Jun-22	892d	
Reliability, Availability, Maintainability and Safety (RAMs) Annex 5 Part 1 cl 2.3		401d	27-Sep-21	26-May-23	499d	
DG-000-RM-1000	Design - Area 000 - RAMS	311d	27-Sep-21	13-Jan-23	78d	
DG-000-RM-1020	Design - Area 000 - RAMS - External Review - IV Goldlinq State O&M & Close Comments	311d	19-Oct-21	06-Feb-23	499d	
DG-000-RM-1040	Design - Area 000 - RAMS	60d	07-Feb-23	05-May-23	499d	
DG-000-RM-1060	Design - Area 000 - RAMS - External Review - IV Goldlinq State O&M & Close Comments	15d	08-May-23	26-May-23	499d	
System Engineering and Assurance		150d	18-Feb-22	22-Sep-22	807d	
DG-000-SEA-3100	Design - Area 000 - Systems Engineering and Assurance	60d	18-Feb-22	18-May-22	557d	
DG-000-SEA-3120	Design - Area 000 - Systems Engineering and Assurance - External Review - IV Goldlinq State O&M & Close Comr	15d	19-May-22	08-Jun-22	807d	
DG-000-SEA-3140	Design - Area 000 - Systems Engineering and Assurance	60d	09-Jun-22	01-Sep-22	807d	
DG-000-SEA-3160	Design - Area 000 - Systems Engineering and Assurance - External Review - IV Goldlinq State O&M & Close Comr	15d	02-Sep-22	22-Sep-22	807d	
Environmental Design		14d	20-Jul-21	06-Aug-21	4d	
DG-000-MP-4900	Design - Area 000 - D&C Environmental Management Plan Input	14d	20-Jul-21	06-Aug-21	4d	
Technical Reports		243d	01-Sep-21	31-Aug-22	858d	
DG-000-OM-1360	Design - Operational Modelling Report	130d	01-Sep-21	18-Mar-22	971d	
DG-000-LCA-9610	Area 000 - D&C Contractor (JH) - Licensed Construction Areas - Surface Works	60d	14-Oct-21	20-Jan-22	416d	
DG-000-NV-8300	Area 000 - D&C Contractor (JH) - Construction Noise and Vibration Assessment Report	100d	02-Nov-21	06-Apr-22	200d	
DG-000-LCA-9590	Area 000 - D&C Contractor (JH) - Licensed Construction Areas - Volumetric Boundaries and Sections	60d	11-Nov-21	18-Feb-22	396d	
DG-000-SV-9580	Area 000 - D&C Contractor (UDEC) - Maintenance Access Plans	120d	09-Dec-21	16-Jun-22	536d	
DG-000-NV-8200	Area 000 - Bombardier (BT) - Mechanical Equipment Noise and Vibration Assessment Report	120d	10-Mar-22	31-Aug-22	141d	
Area 100 - Broadbeach to Heron Ave (Ch 33,350 - 35,500)		375d	27-Jul-21	14-Feb-23	248d	
Area 100 - Zone 1A to 1F - Rail Civil		252d	27-Jul-21	08-Aug-22	103d	
Design Development Gate 1 - 70%		95d	27-Jul-21	08-Dec-21	46d	
DG-100-RaC-1000	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 1 Design	43d	27-Jul-21	24-Sep-21	39d	
DG-100-RaC-1020	Design - Area 100 1A-1F - Rail Civil - AECOM IDR Review Gate 1 Design	11d	27-Sep-21	12-Oct-21	46d	
DG-100-RaC-1040	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 1 Design	16d	13-Oct-21	03-Nov-21	46d	
DG-100-RaC-1060	Design - Area 100 1A-1F - Rail Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	04-Nov-21	24-Nov-21	46d	
DG-100-RaC-1080	Design - Area 100 1A-1F - Rail Civil - AECOM Close Out Gate 1 Comments	10d	25-Nov-21	08-Dec-21	46d	
Design Development Gate 2		103d	04-Nov-21	13-Apr-22	108d	
DG-100-RaC-2000	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 2 Design	36d	04-Nov-21	07-Jan-22	103d	
DG-100-RaC-2020	Design - Area 100 1A-1F - Rail Civil - AECOM IDR Review Gate 2 Design	11d	10-Jan-22	24-Jan-22	103d	
DG-100-RaC-2040	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 2 Design	32d	25-Jan-22	10-Mar-22	103d	
DG-100-RaC-2060	Design - Area 100 1A-1F - Rail Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	11-Mar-22	31-Mar-22	108d	
DG-100-RaC-2080	Design - Area 100 1A-1F - Rail Civil - AECOM Close Out Gate 2 Comments	9d	01-Apr-22	13-Apr-22	108d	
Design Development Gate 3 - AFC		103d	11-Mar-22	08-Aug-22	103d	
DG-100-RaC-3000	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 3 Design	39d	11-Mar-22	10-May-22	103d	
DG-100-RaC-3020	Design - Area 100 1A-1F - Rail Civil - AECOM IDR Review Gate 3 Design	11d	11-May-22	25-May-22	103d	
DG-100-RaC-3040	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 3 Design	26d	26-May-22	30-Jun-22	103d	
DG-100-RaC-3060	Design - Area 100 1A-1F - Rail Civil - External Review Gate 3 - IV Goldlinq State O&M	15d	01-Jul-22	21-Jul-22	103d	
DG-100-RaC-3080	Design - Area 100 1A-1F - Rail Civil - AECOM Close Out Gate 3 Comments	8d	22-Jul-22	02-Aug-22	103d	
DG-100-RaC-3100	Design - Area 100 1A-1F - Rail Civil - AECOM Update AFC	4d	03-Aug-22	08-Aug-22	103d	
DG-100-RaC-3120	Design - Area 100 1A-1F - Rail Civil - AECOM Issue AFC	0d		08-Aug-22	103d	
Area 100 - Zone 1A to 1F - Rail Syatems, CSR+ OHLE		253d	28-Jul-21	10-Aug-22	101d	
Design Development Gate 1 - 70%		98d	28-Jul-21	14-Dec-21	102d	
DG-100-RaS-1000	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 1 Design	43d	28-Jul-21	27-Sep-21	101d	
DG-100-RaS-1020	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 1 Design	11d	28-Sep-21	13-Oct-21	101d	
DG-100-RaS-1040	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 1 Design	19d	14-Oct-21	09-Nov-21	101d	
DG-100-RaS-1060	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - External Review Gate 1 - IV Goldlinq State O&M	15d	10-Nov-21	30-Nov-21	102d	
DG-100-RaS-1080	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Close Out Gate 1 Comments	10d	01-Dec-21	14-Dec-21	102d	
Design Development Gate 2		103d	10-Nov-21	21-Apr-22	106d	
DG-100-RaS-2000	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 2 Design	36d	10-Nov-21	13-Jan-22	101d	
DG-100-RaS-2020	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 2 Design	11d	14-Jan-22	31-Jan-22	101d	
DG-100-RaS-2040	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 2 Design	32d	01-Feb-22	16-Mar-22	101d	
DG-100-RaS-2060	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - External Review Gate 2 - IV Goldlinq State O&M	15d	17-Mar-22	06-Apr-22	106d	
DG-100-RaS-2080	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Close Out Gate 2 Comments	9d	07-Apr-22	21-Apr-22	106d	
Design Development Gate 3 - AFC		101d	17-Mar-22	10-Aug-22	101d	


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DG-100-RaS-3000	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 3 Design	39d	17-Mar-22	16-May-22	101d	
DG-100-RaS-3020	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 3 Design	11d	17-May-22	31-May-22	101d	
DG-100-RaS-3040	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 3 Design	26d	01-Jun-22	06-Jul-22	101d	
DG-100-RaS-3060	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - External Review Gate 3 - IV Goldlinq State O&M	15d	07-Jul-22	27-Jul-22	101d	
DG-100-RaS-3080	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Close Out Gate 3 Comments	6d	28-Jul-22	04-Aug-22	101d	
DG-100-RaS-3100	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Update AFC	4d	05-Aug-22	10-Aug-22	101d	
DG-100-RaS-3120	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Issue AFC	0d		10-Aug-22	101d	
Area 100 - Zone 1A to 1F - Road Civil		255d	18-Aug-21	05-Sep-22	68d	
Design Development Gate 1 - 70%		87d	18-Aug-21	04-Jan-22	38d	
DG-100-RoC-1000	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 1 Design	38d	18-Aug-21	12-Oct-21	39d	
DG-100-RoC-1020	Design - Area 100 1A-1F - Road Civil - AECOM IDR Review Gate 1 Design	10d	13-Oct-21	26-Oct-21	39d	
DG-100-RoC-1040	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 1 Design	14d	28-Oct-21	16-Nov-21	38d	
DG-100-RoC-1060	Design - Area 100 1A-1F - Road Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	17-Nov-21	07-Dec-21	38d	
DG-100-RoC-1080	Design - Area 100 1A-1F - Road Civil - AECOM Close Out Gate 1 Comments	9d	08-Dec-21	04-Jan-22	38d	
Design Development Gate 2		99d	17-Nov-21	22-Apr-22	72d	
DG-100-RoC-2000	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 2 Design	40d	17-Nov-21	27-Jan-22	68d	
DG-100-RoC-2020	Design - Area 100 1A-1F - Road Civil - AECOM IDR Review Gate 2 Design	13d	28-Jan-22	15-Feb-22	68d	
DG-100-RoC-2040	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 2 Design	24d	16-Feb-22	21-Mar-22	68d	
DG-100-RoC-2060	Design - Area 100 1A-1F - Road Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	22-Mar-22	11-Apr-22	72d	
DG-100-RoC-2080	Design - Area 100 1A-1F - Road Civil - AECOM Close Out Gate 2 Comments	7d	12-Apr-22	22-Apr-22	72d	
Design Development Gate 3 - AFC		115d	22-Mar-22	05-Sep-22	68d	
DG-100-RoC-3000	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 3 Design	36d	22-Mar-22	16-May-22	68d	
DG-100-RoC-3020	Design - Area 100 1A-1F - Road Civil - AECOM IDR Review Gate 3 Design	11d	17-May-22	31-May-22	68d	
DG-100-RoC-3040	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 3 Design	27d	01-Jun-22	07-Jul-22	68d	
DG-100-RoC-3060	Design - Area 100 1A-1F - Road Civil - External Review Gate 3 - IV Goldlinq State O&M	15d	08-Jul-22	28-Jul-22	68d	
DG-100-RoC-3080	Design - Area 100 1A-1F - Road Civil - AECOM Close Out Gate 3 Comments	20d	29-Jul-22	25-Aug-22	68d	
DG-100-RoC-3100	Design - Area 100 1A-1F - Road Civil - AECOM Update AFC	6d	29-Aug-22	05-Sep-22	68d	
DG-100-RoC-3120	Design - Area 100 1A-1F - Road Civil - AECOM Issue AFC	0d		05-Sep-22	68d	
Area 100 - Zone 1A to 1F - Drainage		260d	18-Aug-21	12-Sep-22	63d	
Design Development Gate 1 - 70%		92d	18-Aug-21	11-Jan-22	69d	
DG-100-DrN-1000	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 1 Design	38d	18-Aug-21	12-Oct-21	69d	
DG-100-DrN-1020	Design - Area 100 1A-1F - Drainage - AECOM IDR Review Gate 1 Design	10d	13-Oct-21	26-Oct-21	69d	
DG-100-DrN-1040	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 1 Design	14d	04-Nov-21	23-Nov-21	63d	
DG-100-DrN-1060	Design - Area 100 1A-1F - Drainage - External Review Gate 1 - IV Goldlinq State O&M	15d	24-Nov-21	14-Dec-21	69d	
DG-100-DrN-1080	Design - Area 100 1A-1F - Drainage - AECOM Close Out Gate 1 Comments	9d	15-Dec-21	11-Jan-22	69d	
Design Development Gate 2		98d	24-Nov-21	29-Apr-22	67d	
DG-100-DrN-2000	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 2 Design	40d	24-Nov-21	03-Feb-22	63d	
DG-100-DrN-2020	Design - Area 100 1A-1F - Drainage - AECOM IDR Review Gate 2 Design	13d	04-Feb-22	22-Feb-22	63d	
DG-100-DrN-2040	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 2 Design	23d	23-Feb-22	25-Mar-22	63d	
DG-100-DrN-2060	Design - Area 100 1A-1F - Drainage - External Review Gate 2 - IV Goldlinq State O&M	15d	28-Mar-22	19-Apr-22	67d	
DG-100-DrN-2080	Design - Area 100 1A-1F - Drainage - AECOM Close Out Gate 2 Comments	7d	20-Apr-22	29-Apr-22	67d	
Design Development Gate 3 - AFC		116d	28-Mar-22	12-Sep-22	63d	
DG-100-DrN-3000	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 3 Design	36d	28-Mar-22	20-May-22	63d	
DG-100-DrN-3020	Design - Area 100 1A-1F - Drainage - AECOM IDR Review Gate 3 Design	11d	23-May-22	06-Jun-22	63d	
DG-100-DrN-3040	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 3 Design	28d	07-Jun-22	14-Jul-22	63d	
DG-100-DrN-3060	Design - Area 100 1A-1F - Drainage - External Review Gate 3 - IV Goldlinq State O&M	15d	15-Jul-22	04-Aug-22	63d	
DG-100-DrN-3080	Design - Area 100 1A-1F - Drainage - AECOM Close Out Gate 3 Comments	20d	05-Aug-22	02-Sep-22	63d	
DG-100-DrN-3100	Design - Area 100 1A-1F - Drainage - AECOM Update AFC	6d	05-Sep-22	12-Sep-22	63d	
DG-100-DrN-3120	Design - Area 100 1A-1F - Drainage - AECOM Issue AFC	0d		12-Sep-22	63d	
Area 100 - Zone 1A to 1F - Structures		259d	24-Aug-21	15-Sep-22	89d	
Design Development Gate 1 - 70%		90d	24-Aug-21	13-Jan-22	95d	
DG-100-StR-1000	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 1 Design	38d	24-Aug-21	18-Oct-21	89d	
DG-100-StR-1020	Design - Area 100 1A-1F - Structures - AECOM IDR Review Gate 1 Design	10d	19-Oct-21	01-Nov-21	89d	
DG-100-StR-1040	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 1 Design	18d	02-Nov-21	25-Nov-21	89d	
DG-100-StR-1060	Design - Area 100 1A-1F - Structures - External Review Gate 1 - IV Goldlinq State O&M	15d	26-Nov-21	16-Dec-21	95d	
DG-100-StR-1080	Design - Area 100 1A-1F - Structures - AECOM Close Out Gate 1 Comments	9d	17-Dec-21	13-Jan-22	95d	
Design Development Gate 2		99d	26-Nov-21	05-May-22	93d	
DG-100-StR-2000	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 2 Design	40d	26-Nov-21	07-Feb-22	89d	
DG-100-StR-2020	Design - Area 100 1A-1F - Structures - AECOM IDR Review Gate 2 Design	13d	08-Feb-22	24-Feb-22	89d	
DG-100-StR-2040	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 2 Design	24d	25-Feb-22	30-Mar-22	89d	
DG-100-StR-2060	Design - Area 100 1A-1F - Structures - External Review Gate 2 - IV Goldlinq State O&M	15d	31-Mar-22	22-Apr-22	93d	
DG-100-StR-2080	Design - Area 100 1A-1F - Structures - AECOM Close Out Gate 2 Comments	7d	26-Apr-22	05-May-22	93d	
Design Development Gate 3 - AFC		116d	31-Mar-22	15-Sep-22	89d	
DG-100-StR-3000	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 3 Design	36d	31-Mar-22	25-May-22	89d	
DG-100-StR-3020	Design - Area 100 1A-1F - Structures - AECOM IDR Review Gate 3 Design	11d	26-May-22	09-Jun-22	89d	



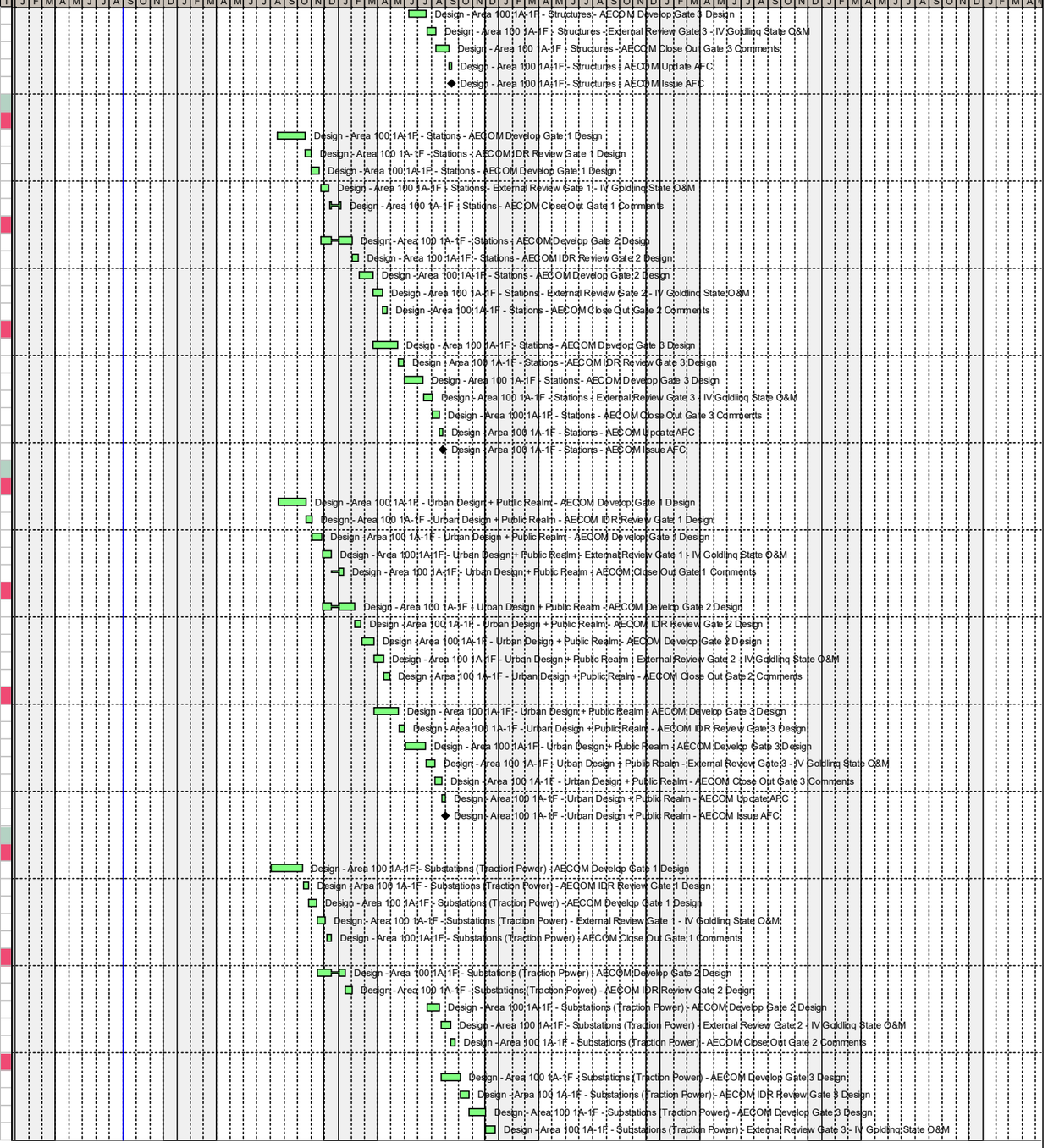
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

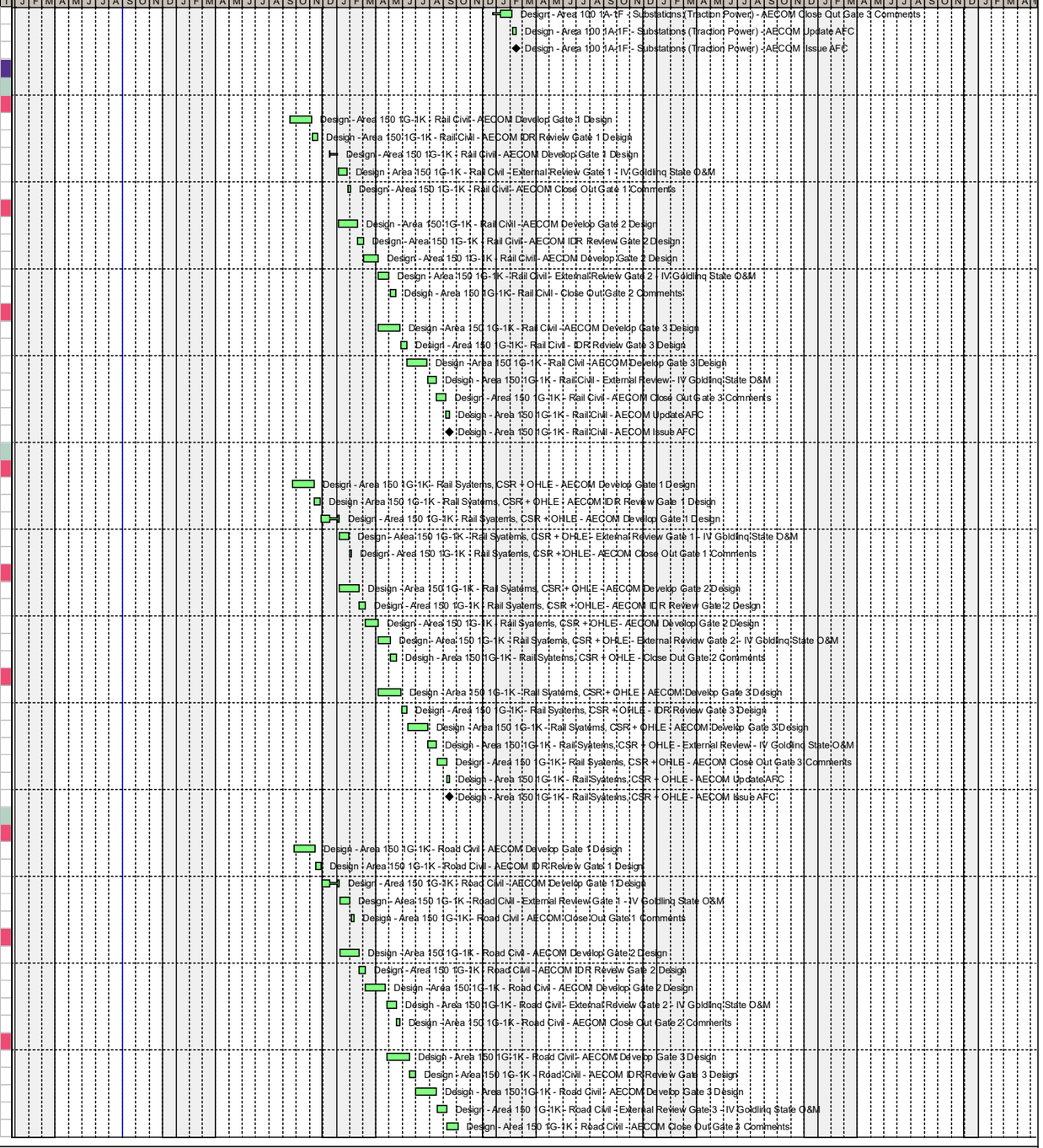
Sheet 25 of 121

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DG-100-StR-3040	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 3 Design	29d	10-Jun-22	20-Jul-22	89d	
DG-100-StR-3060	Design - Area 100 1A-1F - Structures - External Review Gate 3 - IV Goldlinq State O&M	15d	21-Jul-22	10-Aug-22	89d	
DG-100-StR-3080	Design - Area 100 1A-1F - Structures - AECOM Close Out Gate 3 Comments	20d	11-Aug-22	08-Sep-22	89d	
DG-100-StR-3100	Design - Area 100 1A-1F - Structures - AECOM Update AFC	5d	09-Sep-22	15-Sep-22	89d	
DG-100-StR-3120	Design - Area 100 1A-1F - Structures - AECOM Issue AFC	0d		15-Sep-22	89d	
Area 100 - Zone 1A to 1F - Stations (BBS / MEB / MBS)		251d	16-Aug-21	25-Aug-22	358d	
Design Development Gate 1 - 70%		92d	16-Aug-21	07-Jan-22	364d	
DG-100-StN-1000	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 1 Design	44d	16-Aug-21	18-Oct-21	358d	
DG-100-StN-1020	Design - Area 100 1A-1F - Stations - AECOM IDR Review Gate 1 Design	10d	19-Oct-21	01-Nov-21	358d	
DG-100-StN-1040	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 1 Design	14d	02-Nov-21	19-Nov-21	358d	
DG-100-StN-1060	Design - Area 100 1A-1F - Stations - External Review Gate 1 - IV Goldlinq State O&M	15d	22-Nov-21	10-Dec-21	364d	
DG-100-StN-1080	Design - Area 100 1A-1F - Stations - AECOM Close Out Gate 1 Comments	9d	13-Dec-21	07-Jan-22	364d	
Design Development Gate 2		96d	22-Nov-21	22-Apr-22	362d	
DG-100-StN-2000	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 2 Design	40d	22-Nov-21	01-Feb-22	358d	
DG-100-StN-2020	Design - Area 100 1A-1F - Stations - AECOM IDR Review Gate 2 Design	11d	02-Feb-22	16-Feb-22	358d	
DG-100-StN-2040	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 2 Design	23d	17-Feb-22	21-Mar-22	358d	
DG-100-StN-2060	Design - Area 100 1A-1F - Stations - External Review Gate 2 - IV Goldlinq State O&M	15d	22-Mar-22	11-Apr-22	362d	
DG-100-StN-2080	Design - Area 100 1A-1F - Stations - AECOM Close Out Gate 2 Comments	7d	12-Apr-22	22-Apr-22	362d	
Design Development Gate 3 - AFC		109d	22-Mar-22	25-Aug-22	358d	
DG-100-StN-3000	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 3 Design	36d	22-Mar-22	16-May-22	358d	
DG-100-StN-3020	Design - Area 100 1A-1F - Stations - AECOM IDR Review Gate 3 Design	10d	17-May-22	30-May-22	358d	
DG-100-StN-3040	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 3 Design	31d	31-May-22	12-Jul-22	358d	
DG-100-StN-3060	Design - Area 100 1A-1F - Stations - External Review Gate 3 - IV Goldlinq State O&M	15d	13-Jul-22	02-Aug-22	358d	
DG-100-StN-3080	Design - Area 100 1A-1F - Stations - AECOM Close Out Gate 3 Comments	12d	03-Aug-22	18-Aug-22	358d	
DG-100-StN-3100	Design - Area 100 1A-1F - Stations - AECOM Update AFC	5d	19-Aug-22	25-Aug-22	358d	
DG-100-StN-3120	Design - Area 100 1A-1F - Stations - AECOM Issue AFC	0d		25-Aug-22	358d	
Area 100 - Zone 1A to 1F - Urban Design and Public Realm		253d	18-Aug-21	01-Sep-22	354d	
Design Development Gate 1 - 70%		94d	18-Aug-21	13-Jan-22	360d	
DG-100-UrD-1000	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 1 Design	44d	18-Aug-21	20-Oct-21	354d	
DG-100-UrD-1020	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM IDR Review Gate 1 Design	10d	21-Oct-21	03-Nov-21	354d	
DG-100-UrD-1040	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 1 Design	16d	04-Nov-21	25-Nov-21	354d	
DG-100-UrD-1060	Design - Area 100 1A-1F - Urban Design + Public Realm - External Review Gate 1 - IV Goldlinq State O&M	15d	26-Nov-21	16-Dec-21	360d	
DG-100-UrD-1080	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Close Out Gate 1 Comments	9d	17-Dec-21	13-Jan-22	360d	
Design Development Gate 2		94d	26-Nov-21	27-Apr-22	358d	
DG-100-UrD-2000	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 2 Design	40d	26-Nov-21	07-Feb-22	354d	
DG-100-UrD-2020	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM IDR Review Gate 2 Design	11d	08-Feb-22	22-Feb-22	354d	
DG-100-UrD-2040	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 2 Design	21d	23-Feb-22	23-Mar-22	354d	
DG-100-UrD-2060	Design - Area 100 1A-1F - Urban Design + Public Realm - External Review Gate 2 - IV Goldlinq State O&M	15d	24-Mar-22	13-Apr-22	358d	
DG-100-UrD-2080	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Close Out Gate 2 Comments	7d	14-Apr-22	27-Apr-22	358d	
Design Development Gate 3 - AFC		111d	24-Mar-22	01-Sep-22	354d	
DG-100-UrD-3000	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 3 Design	36d	24-Mar-22	18-May-22	354d	
DG-100-UrD-3020	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM IDR Review Gate 3 Design	10d	19-May-22	01-Jun-22	354d	
DG-100-UrD-3040	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 3 Design	33d	02-Jun-22	18-Jul-22	354d	
DG-100-UrD-3060	Design - Area 100 1A-1F - Urban Design + Public Realm - External Review Gate 3 - IV Goldlinq State O&M	15d	19-Jul-22	08-Aug-22	354d	
DG-100-UrD-3080	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Close Out Gate 3 Comments	12d	09-Aug-22	24-Aug-22	354d	
DG-100-UrD-3100	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Update AFC	5d	25-Aug-22	01-Sep-22	354d	
DG-100-UrD-3120	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Issue AFC	0d		01-Sep-22	354d	
Area 100 - Zone 1A to 1F - Substations (Traction Power)		370d	03-Aug-21	14-Feb-23	62d	
Design Development Gate 1 - 70%		96d	03-Aug-21	16-Dec-21	190d	
DG-100-TP-1000	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 1 Design	50d	03-Aug-21	13-Oct-21	153d	
DG-100-TP-1020	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM IDR Review Gate 1 Design	8d	14-Oct-21	25-Oct-21	153d	
DG-100-TP-1040	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 1 Design	14d	26-Oct-21	12-Nov-21	153d	
DG-100-TP-1060	Design - Area 100 1A-1F - Substations (Traction Power) - External Review Gate 1 - IV Goldlinq State O&M	15d	15-Nov-21	03-Dec-21	190d	
DG-100-TP-1080	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Close Out Gate 1 Comments	9d	06-Dec-21	16-Dec-21	190d	
Design Development Gate 2		207d	15-Nov-21	22-Sep-22	69d	
DG-100-TP-2000	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 2 Design	35d	15-Nov-21	17-Jan-22	179d	
DG-100-TP-2020	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM IDR Review Gate 2 Design	11d	18-Jan-22	02-Feb-22	179d	
DG-100-TP-2040	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 2 Design	21d	22-Jul-22	19-Aug-22	62d	
DG-100-TP-2060	Design - Area 100 1A-1F - Substations (Traction Power) - External Review Gate 2 - IV Goldlinq State O&M	15d	22-Aug-22	12-Sep-22	69d	
DG-100-TP-2080	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Close Out Gate 2 Comments	8d	13-Sep-22	22-Sep-22	69d	
Design Development Gate 3 - AFC		114d	22-Aug-22	14-Feb-23	62d	
DG-100-TP-3000	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 3 Design	30d	22-Aug-22	04-Oct-22	62d	
DG-100-TP-3020	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM IDR Review Gate 3 Design	14d	05-Oct-22	24-Oct-22	62d	
DG-100-TP-3040	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 3 Design	28d	25-Oct-22	01-Dec-22	62d	
DG-100-TP-3060	Design - Area 100 1A-1F - Substations (Traction Power) - External Review Gate 3 - IV Goldlinq State O&M	15d	02-Dec-22	22-Dec-22	62d	


2020
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J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-100-TP-3080	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Close Out Gate 3 Comments	20d	23-Dec-22	03-Feb-23	62d
DG-100-TP-3100	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Update AFC	7d	06-Feb-23	14-Feb-23	62d
DG-100-TP-3120	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Issue AFC	0d		14-Feb-23	62d
Area 150 - Heron Ave to Dawn Pde (Ch 35,500 - 37,150)		325d	17-Sep-21	25-Jan-23	295d
Area 150 - Zone 1G to 1K - Rail Civil		241d	17-Sep-21	14-Sep-22	161d
Design Development Gate 1 - 70%		86d	17-Sep-21	02-Feb-22	18d
DG-150-RaC-1000	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 1 Design	35d	17-Sep-21	05-Nov-21	15d
DG-150-RaC-1020	Design - Area 150 1G-1K - Rail Civil - AECOM IDR Review Gate 1 Design	10d	08-Nov-21	19-Nov-21	18d
DG-150-RaC-1040	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 1 Design	21d	22-Nov-21	04-Jan-22	18d
DG-150-RaC-1060	Design - Area 150 1G-1K - Rail Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	05-Jan-22	25-Jan-22	18d
DG-150-RaC-1080	Design - Area 150 1G-1K - Rail Civil - AECOM Close Out Gate 1 Comments	5d	27-Jan-22	02-Feb-22	18d
Design Development Gate 2		89d	05-Jan-22	16-May-22	169d
DG-150-RaC-2000	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 2 Design	31d	05-Jan-22	17-Feb-22	161d
DG-150-RaC-2020	Design - Area 150 1G-1K - Rail Civil - AECOM IDR Review Gate 2 Design	10d	18-Feb-22	03-Mar-22	161d
DG-150-RaC-2040	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 2 Design	23d	04-Mar-22	05-Apr-22	161d
DG-150-RaC-2060	Design - Area 150 1G-1K - Rail Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	06-Apr-22	29-Apr-22	169d
DG-150-RaC-2080	Design - Area 150 1G-1K - Rail Civil - Close Out Gate 2 Comments	10d	03-May-22	16-May-22	169d
Design Development Gate 3 - AFC		111d	06-Apr-22	14-Sep-22	161d
DG-150-RaC-3000	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 3 Design	33d	06-Apr-22	26-May-22	161d
DG-150-RaC-3020	Design - Area 150 1G-1K - Rail Civil - IDR Review Gate 3 Design	10d	27-May-22	09-Jun-22	161d
DG-150-RaC-3040	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 3 Design	33d	10-Jun-22	26-Jul-22	161d
DG-150-RaC-3060	Design - Area 150 1G-1K - Rail Civil - External Review - IV Goldlinq State O&M	15d	27-Jul-22	16-Aug-22	161d
DG-150-RaC-3080	Design - Area 150 1G-1K - Rail Civil - AECOM Close Out Gate 3 Comments	15d	17-Aug-22	07-Sep-22	161d
DG-150-RaC-3100	Design - Area 150 1G-1K - Rail Civil - AECOM Update AFC	5d	08-Sep-22	14-Sep-22	161d
DG-150-RaC-3120	Design - Area 150 1G-1K - Rail Civil - AECOM Issue AFC	0d		14-Sep-22	161d
Area 150 - Zone 1G to 1K - Rail Systems, CSR + OHLE		238d	23-Sep-21	15-Sep-22	160d
Design Development Gate 1 - 70%		84d	23-Sep-21	04-Feb-22	171d
DG-150-RaS-1000	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 1 Design	35d	23-Sep-21	11-Nov-21	160d
DG-150-RaS-1020	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM IDR Review Gate 1 Design	10d	12-Nov-21	25-Nov-21	160d
DG-150-RaS-1040	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 1 Design	19d	26-Nov-21	06-Jan-22	160d
DG-150-RaS-1060	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - External Review Gate 1 - IV Goldlinq State O&M	15d	07-Jan-22	28-Jan-22	171d
DG-150-RaS-1080	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Close Out Gate 1 Comments	5d	31-Jan-22	04-Feb-22	171d
Design Development Gate 2		88d	07-Jan-22	17-May-22	168d
DG-150-RaS-2000	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 2 Design	31d	07-Jan-22	21-Feb-22	160d
DG-150-RaS-2020	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM IDR Review Gate 2 Design	10d	22-Feb-22	07-Mar-22	160d
DG-150-RaS-2040	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 2 Design	22d	08-Mar-22	06-Apr-22	160d
DG-150-RaS-2060	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - External Review Gate 2 - IV Goldlinq State O&M	15d	07-Apr-22	03-May-22	168d
DG-150-RaS-2080	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - Close Out Gate 2 Comments	10d	04-May-22	17-May-22	168d
Design Development Gate 3 - AFC		111d	07-Apr-22	15-Sep-22	160d
DG-150-RaS-3000	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 3 Design	33d	07-Apr-22	27-May-22	160d
DG-150-RaS-3020	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - IDR Review Gate 3 Design	10d	30-May-22	10-Jun-22	160d
DG-150-RaS-3040	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 3 Design	33d	13-Jun-22	27-Jul-22	160d
DG-150-RaS-3060	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - External Review - IV Goldlinq State O&M	15d	28-Jul-22	17-Aug-22	160d
DG-150-RaS-3080	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Close Out Gate 3 Comments	15d	18-Aug-22	08-Sep-22	160d
DG-150-RaS-3100	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Update AFC	5d	09-Sep-22	15-Sep-22	160d
DG-150-RaS-3120	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Issue AFC	0d		15-Sep-22	160d
Area 150 - Zone 1G to 1K - Road Civil		253d	27-Sep-21	11-Oct-22	125d
Design Development Gate 1 - 70%		86d	27-Sep-21	10-Feb-22	12d
DG-150-RoC-1000	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 1 Design	34d	27-Sep-21	12-Nov-21	15d
DG-150-RoC-1020	Design - Area 150 1G-1K - Road Civil - AECOM IDR Review Gate 1 Design	10d	15-Nov-21	26-Nov-21	15d
DG-150-RoC-1040	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 1 Design	19d	29-Nov-21	07-Jan-22	15d
DG-150-RoC-1060	Design - Area 150 1G-1K - Road Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	10-Jan-22	31-Jan-22	15d
DG-150-RoC-1080	Design - Area 150 1G-1K - Road Civil - AECOM Close Out Gate 1 Comments	5d	04-Feb-22	10-Feb-22	12d
Design Development Gate 2		94d	10-Jan-22	26-May-22	129d
DG-150-RoC-2000	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 2 Design	30d	10-Jan-22	21-Feb-22	125d
DG-150-RoC-2020	Design - Area 150 1G-1K - Road Civil - AECOM IDR Review Gate 2 Design	10d	22-Feb-22	07-Mar-22	125d
DG-150-RoC-2040	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 2 Design	32d	08-Mar-22	22-Apr-22	125d
DG-150-RoC-2060	Design - Area 150 1G-1K - Road Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	26-Apr-22	17-May-22	129d
DG-150-RoC-2080	Design - Area 150 1G-1K - Road Civil - AECOM Close Out Gate 2 Comments	7d	18-May-22	26-May-22	129d
Design Development Gate 3 - AFC		118d	26-Apr-22	11-Oct-22	125d
DG-150-RoC-3000	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 3 Design	36d	26-Apr-22	15-Jun-22	125d
DG-150-RoC-3020	Design - Area 150 1G-1K - Road Civil - AECOM IDR Review Gate 3 Design	10d	16-Jun-22	29-Jun-22	125d
DG-150-RoC-3040	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 3 Design	35d	30-Jun-22	17-Aug-22	125d
DG-150-RoC-3060	Design - Area 150 1G-1K - Road Civil - External Review Gate 3 - IV Goldlinq State O&M	15d	18-Aug-22	08-Sep-22	125d
DG-150-RoC-3080	Design - Area 150 1G-1K - Road Civil - AECOM Close Out Gate 3 Comments	17d	09-Sep-22	04-Oct-22	125d

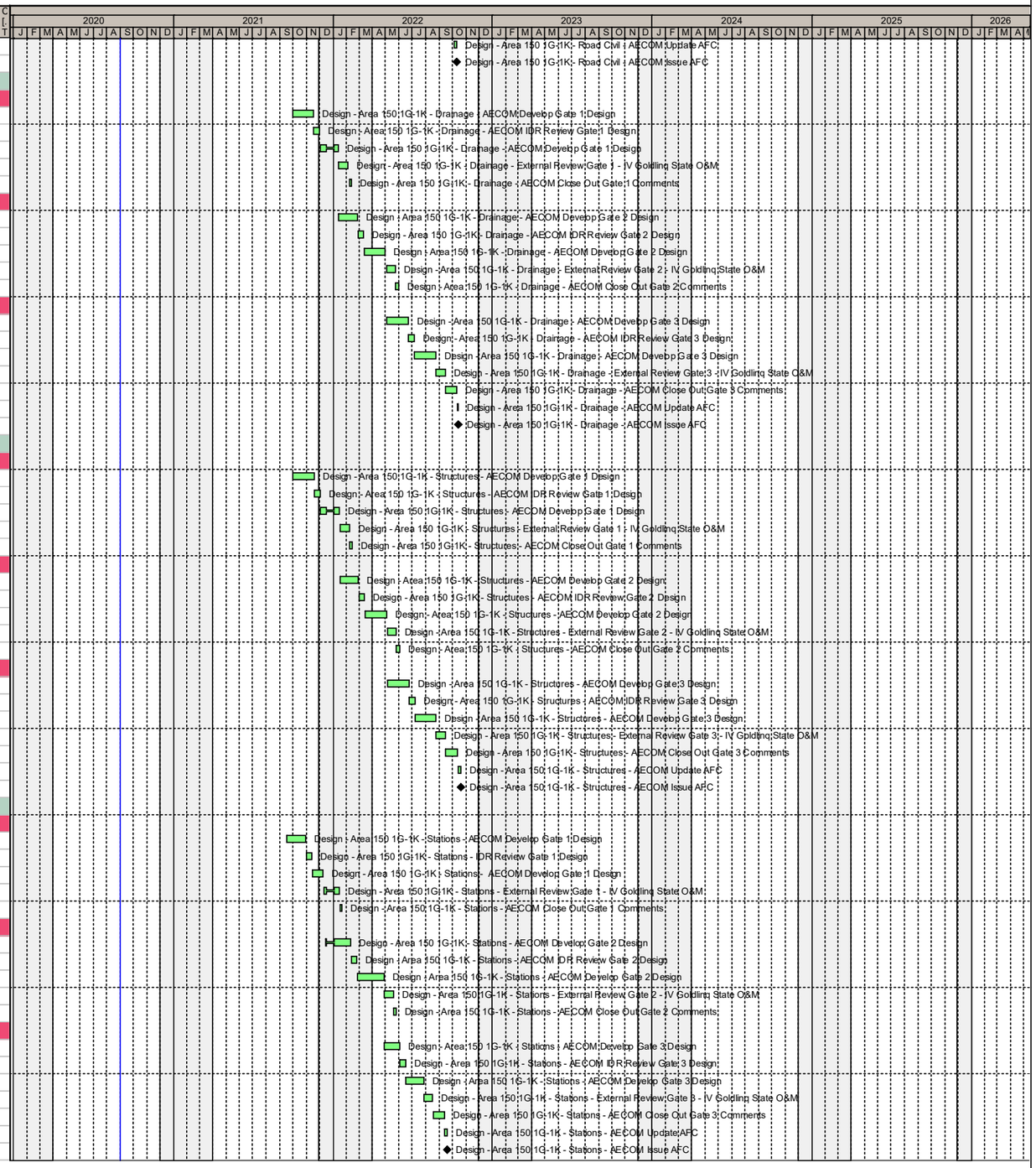


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-150-RoC-3100	Design - Area 150 1G-1K - Road Civil - AECOM Update AFC	5d	05-Oct-22	11-Oct-22	125d
DG-150-RoC-3120	Design - Area 150 1G-1K - Road Civil - AECOM Issue AFC	0d		11-Oct-22	125d
Area 150 - Zone 1G to 1K - Drainage		253d	30-Sep-21	14-Oct-22	122d
Design Development Gate 1 - 70%		84d	30-Sep-21	11-Feb-22	132d
DG-150-DrN-1000	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 1 Design	34d	30-Sep-21	17-Nov-21	122d
DG-150-DrN-1020	Design - Area 150 1G-1K - Drainage - AECOM IDR Review Gate 1 Design	10d	18-Nov-21	01-Dec-21	122d
DG-150-DrN-1040	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 1 Design	20d	02-Dec-21	13-Jan-22	122d
DG-150-DrN-1060	Design - Area 150 1G-1K - Drainage - External Review Gate 1 - IV Goldlinq State O&M	15d	14-Jan-22	04-Feb-22	132d
DG-150-DrN-1080	Design - Area 150 1G-1K - Drainage - AECOM Close Out Gate 1 Comments	5d	07-Feb-22	11-Feb-22	132d
Design Development Gate 2		94d	14-Jan-22	01-Jun-22	126d
DG-150-DrN-2000	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 2 Design	30d	14-Jan-22	25-Feb-22	122d
DG-150-DrN-2020	Design - Area 150 1G-1K - Drainage - AECOM IDR Review Gate 2 Design	10d	28-Feb-22	11-Mar-22	122d
DG-150-DrN-2040	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 2 Design	32d	14-Mar-22	29-Apr-22	122d
DG-150-DrN-2060	Design - Area 150 1G-1K - Drainage - External Review Gate 2 - IV Goldlinq State O&M	15d	03-May-22	23-May-22	126d
DG-150-DrN-2080	Design - Area 150 1G-1K - Drainage - AECOM Close Out Gate 2 Comments	7d	24-May-22	01-Jun-22	126d
Design Development Gate 3 - AFC		117d	03-May-22	14-Oct-22	122d
DG-150-DrN-3000	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 3 Design	36d	03-May-22	21-Jun-22	122d
DG-150-DrN-3020	Design - Area 150 1G-1K - Drainage - AECOM IDR Review Gate 3 Design	10d	22-Jun-22	05-Jul-22	122d
DG-150-DrN-3040	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 3 Design	36d	06-Jul-22	24-Aug-22	122d
DG-150-DrN-3060	Design - Area 150 1G-1K - Drainage - External Review Gate 3 - IV Goldlinq State O&M	15d	25-Aug-22	15-Sep-22	122d
DG-150-DrN-3080	Design - Area 150 1G-1K - Drainage - AECOM Close Out Gate 3 Comments	17d	16-Sep-22	11-Oct-22	122d
DG-150-DrN-3100	Design - Area 150 1G-1K - Drainage - AECOM Update AFC	3d	12-Oct-22	14-Oct-22	122d
DG-150-DrN-3120	Design - Area 150 1G-1K - Drainage - AECOM Issue AFC	0d		14-Oct-22	122d
Area 150 - Zone 1G to 1K - Structures		256d	01-Oct-21	20-Oct-22	118d
Design Development Gate 1 - 70%		84d	01-Oct-21	14-Feb-22	128d
DG-150-StR-1000	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 1 Design	34d	01-Oct-21	18-Nov-21	118d
DG-150-StR-1020	Design - Area 150 1G-1K - Structures - AECOM IDR Review Gate 1 Design	10d	19-Nov-21	02-Dec-21	118d
DG-150-StR-1040	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 1 Design	20d	03-Dec-21	14-Jan-22	118d
DG-150-StR-1060	Design - Area 150 1G-1K - Structures - External Review Gate 1 - IV Goldlinq State O&M	15d	17-Jan-22	07-Feb-22	128d
DG-150-StR-1080	Design - Area 150 1G-1K - Structures - AECOM Close Out Gate 1 Comments	5d	08-Feb-22	14-Feb-22	128d
Design Development Gate 2		95d	17-Jan-22	03-Jun-22	122d
DG-150-StR-2000	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 2 Design	30d	17-Jan-22	28-Feb-22	118d
DG-150-StR-2020	Design - Area 150 1G-1K - Structures - AECOM IDR Review Gate 2 Design	10d	01-Mar-22	14-Mar-22	118d
DG-150-StR-2040	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 2 Design	33d	15-Mar-22	04-May-22	118d
DG-150-StR-2060	Design - Area 150 1G-1K - Structures - External Review Gate 2 - IV Goldlinq State O&M	15d	05-May-22	25-May-22	122d
DG-150-StR-2080	Design - Area 150 1G-1K - Structures - AECOM Close Out Gate 2 Comments	7d	26-May-22	03-Jun-22	122d
Design Development Gate 3 - AFC		119d	05-May-22	20-Oct-22	118d
DG-150-StR-3000	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 3 Design	36d	05-May-22	23-Jun-22	118d
DG-150-StR-3020	Design - Area 150 1G-1K - Structures - AECOM IDR Review Gate 3 Design	10d	24-Jun-22	07-Jul-22	118d
DG-150-StR-3040	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 3 Design	34d	08-Jul-22	24-Aug-22	118d
DG-150-StR-3060	Design - Area 150 1G-1K - Structures - External Review Gate 3 - IV Goldlinq State O&M	15d	25-Aug-22	15-Sep-22	118d
DG-150-StR-3080	Design - Area 150 1G-1K - Structures - AECOM Close Out Gate 3 Comments	19d	16-Sep-22	13-Oct-22	118d
DG-150-StR-3100	Design - Area 150 1G-1K - Structures - AECOM Update AFC	5d	14-Oct-22	20-Oct-22	118d
DG-150-StR-3120	Design - Area 150 1G-1K - Structures - AECOM Issue AFC	0d		20-Oct-22	118d
Area 150 - Zone 1G to 1K - Stations (NBE / MIN)		244d	17-Sep-21	19-Sep-22	376d
Design Development Gate 1 - 70%		79d	17-Sep-21	21-Jan-22	389d
DG-150-StN-1000	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 1 Design	30d	17-Sep-21	29-Oct-21	196d
DG-150-StN-1020	Design - Area 150 1G-1K - Stations - IDR Review Gate 1 Design	10d	01-Nov-21	12-Nov-21	379d
DG-150-StN-1040	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 1 Design	19d	15-Nov-21	09-Dec-21	379d
DG-150-StN-1060	Design - Area 150 1G-1K - Stations - External Review Gate 1 - IV Goldlinq State O&M	15d	10-Dec-21	14-Jan-22	389d
DG-150-StN-1080	Design - Area 150 1G-1K - Stations - AECOM Close Out Gate 1 Comments	5d	17-Jan-22	21-Jan-22	389d
Design Development Gate 2		101d	15-Dec-21	26-May-22	381d
DG-150-StN-2000	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 2 Design	30d	15-Dec-21	10-Feb-22	376d
DG-150-StN-2020	Design - Area 150 1G-1K - Stations - AECOM IDR Review Gate 2 Design	10d	11-Feb-22	24-Feb-22	376d
DG-150-StN-2040	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 2 Design	41d	25-Feb-22	27-Apr-22	376d
DG-150-StN-2060	Design - Area 150 1G-1K - Stations - External Review Gate 2 - IV Goldlinq State O&M	15d	28-Apr-22	19-May-22	381d
DG-150-StN-2080	Design - Area 150 1G-1K - Stations - AECOM Close Out Gate 2 Comments	5d	20-May-22	26-May-22	381d
Design Development Gate 3 - AFC		101d	28-Apr-22	19-Sep-22	376d
DG-150-StN-3000	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 3 Design	25d	28-Apr-22	02-Jun-22	376d
DG-150-StN-3020	Design - Area 150 1G-1K - Stations - AECOM IDR Review Gate 3 Design	10d	03-Jun-22	16-Jun-22	376d
DG-150-StN-3040	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 3 Design	29d	17-Jun-22	27-Jul-22	376d
DG-150-StN-3060	Design - Area 150 1G-1K - Stations - External Review Gate 3 - IV Goldlinq State O&M	15d	28-Jul-22	17-Aug-22	376d
DG-150-StN-3080	Design - Area 150 1G-1K - Stations - AECOM Close Out Gate 3 Comments	17d	18-Aug-22	12-Sep-22	376d
DG-150-StN-3100	Design - Area 150 1G-1K - Stations - AECOM Update AFC	5d	13-Sep-22	19-Sep-22	376d
DG-150-StN-3120	Design - Area 150 1G-1K - Stations - AECOM Issue AFC	0d		19-Sep-22	376d



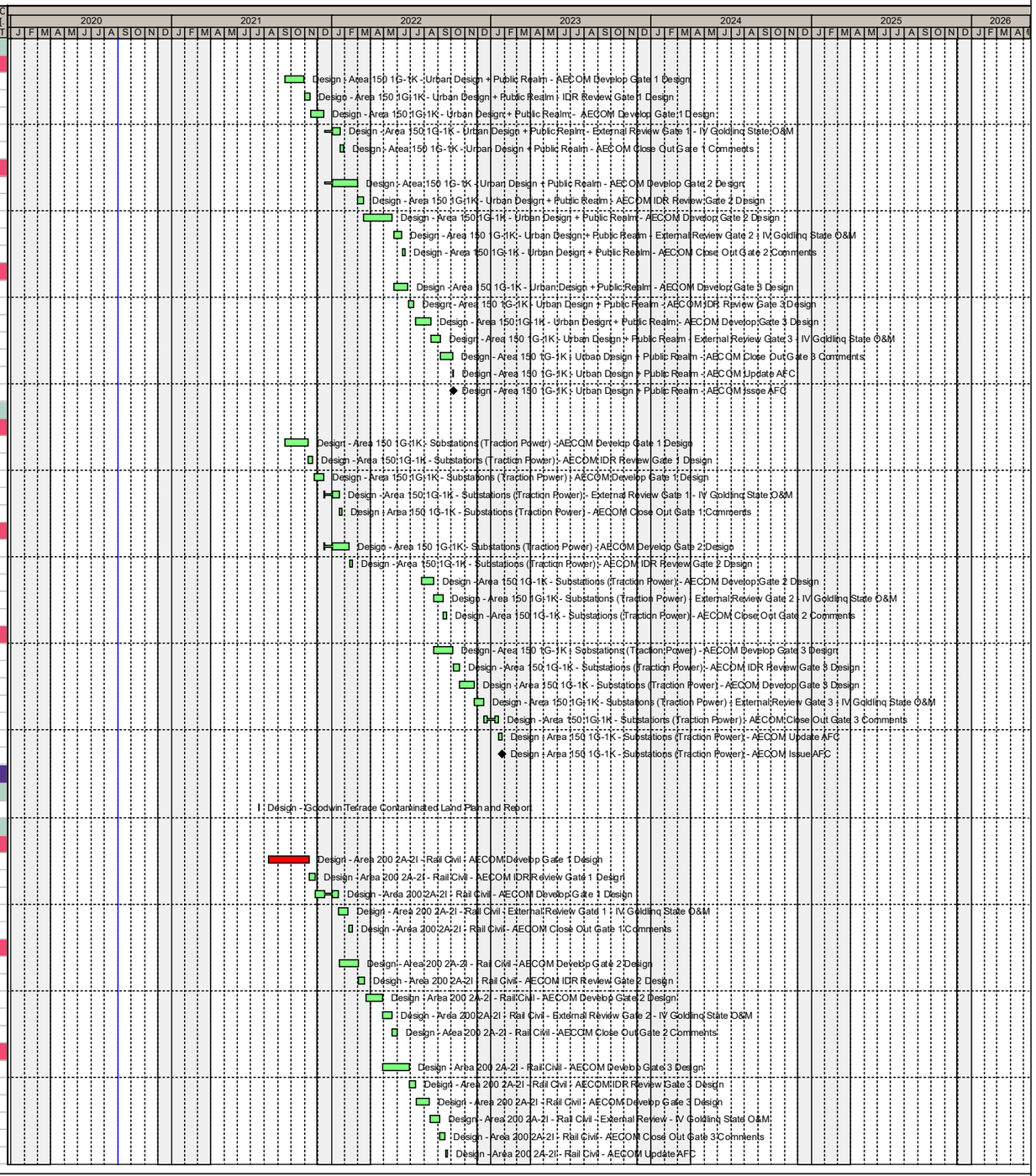
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
Area 150 - Zone 1G to 1K - Urban Design and Public Realm		257d	17-Sep-21	07-Oct-22	363d	
Design Development Gate 1 - 70%		83d	17-Sep-21	28-Jan-22	385d	
DG-150-UrD-1000	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 1 Design	30d	17-Sep-21	29-Oct-21	363d	
DG-150-UrD-1020	Design - Area 150 1G-1K - Urban Design + Public Realm - IDR Review Gate 1 Design	10d	01-Nov-21	12-Nov-21	363d	
DG-150-UrD-1040	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 1 Design	23d	15-Nov-21	15-Dec-21	363d	
DG-150-UrD-1060	Design - Area 150 1G-1K - Urban Design + Public Realm - External Review Gate 1 - IV Goldlinq State O&M	15d	16-Dec-21	20-Jan-22	385d	
DG-150-UrD-1080	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Close Out Gate 1 Comments	5d	21-Jan-22	28-Jan-22	385d	
Design Development Gate 2		116d	16-Dec-21	17-Jun-22	368d	
DG-150-UrD-2000	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 2 Design	42d	16-Dec-21	01-Mar-22	363d	
DG-150-UrD-2020	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM IDR Review Gate 2 Design	10d	02-Mar-22	15-Mar-22	363d	
DG-150-UrD-2040	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 2 Design	44d	16-Mar-22	20-May-22	363d	
DG-150-UrD-2060	Design - Area 150 1G-1K - Urban Design + Public Realm - External Review Gate 2 - IV Goldlinq State O&M	15d	23-May-22	10-Jun-22	368d	
DG-150-UrD-2080	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Close Out Gate 2 Comments	5d	13-Jun-22	17-Jun-22	368d	
Design Development Gate 3 - AFC		98d	23-May-22	07-Oct-22	363d	
DG-150-UrD-3000	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 3 Design	25d	23-May-22	24-Jun-22	363d	
DG-150-UrD-3020	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM IDR Review Gate 3 Design	10d	27-Jun-22	08-Jul-22	363d	
DG-150-UrD-3040	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 3 Design	27d	11-Jul-22	16-Aug-22	363d	
DG-150-UrD-3060	Design - Area 150 1G-1K - Urban Design + Public Realm - External Review Gate 3 - IV Goldlinq State O&M	15d	17-Aug-22	07-Sep-22	363d	
DG-150-UrD-3080	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Close Out Gate 3 Comments	18d	08-Sep-22	04-Oct-22	363d	
DG-150-UrD-3100	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Update AFC	3d	05-Oct-22	07-Oct-22	363d	
DG-150-UrD-3120	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Issue AFC	0d		07-Oct-22	363d	
Area 150 - Zone 1G to 1K - Substations (Traction Power)		325d	17-Sep-21	25-Jan-23	98d	
Design Development Gate 1 - 70%		81d	17-Sep-21	25-Jan-22	207d	
DG-150-TP-1000	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 1 Design	36d	17-Sep-21	08-Nov-21	196d	
DG-150-TP-1020	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM IDR Review Gate 1 Design	9d	09-Nov-21	19-Nov-21	196d	
DG-150-TP-1040	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 1 Design	17d	22-Nov-21	14-Dec-21	196d	
DG-150-TP-1060	Design - Area 150 1G-1K - Substations (Traction Power) - External Review Gate 1 - IV Goldlinq State O&M	15d	15-Dec-21	19-Jan-22	207d	
DG-150-TP-1080	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Close Out Gate 1 Comments	4d	20-Jan-22	25-Jan-22	207d	
Design Development Gate 2		184d	15-Dec-21	21-Sep-22	99d	
DG-150-TP-2000	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 2 Design	30d	15-Dec-21	10-Feb-22	196d	
DG-150-TP-2020	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM IDR Review Gate 2 Design	6d	11-Feb-22	18-Feb-22	196d	
DG-150-TP-2040	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 2 Design	21d	25-Jul-22	22-Aug-22	90d	
DG-150-TP-2060	Design - Area 150 1G-1K - Substations (Traction Power) - External Review Gate 2 - IV Goldlinq State O&M	15d	23-Aug-22	13-Sep-22	99d	
DG-150-TP-2080	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Close Out Gate 2 Comments	6d	14-Sep-22	21-Sep-22	99d	
Design Development Gate 3 - AFC		100d	23-Aug-22	25-Jan-23	98d	
DG-150-TP-3000	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 3 Design	30d	23-Aug-22	05-Oct-22	90d	
DG-150-TP-3020	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM IDR Review Gate 3 Design	11d	06-Oct-22	20-Oct-22	90d	
DG-150-TP-3040	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 3 Design	24d	21-Oct-22	23-Nov-22	90d	
DG-150-TP-3060	Design - Area 150 1G-1K - Substations (Traction Power) - External Review Gate 3 - IV Goldlinq State O&M	15d	24-Nov-22	14-Dec-22	90d	
DG-150-TP-3080	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Close Out Gate 3 Comments	14d	15-Dec-22	17-Jan-23	90d	
DG-150-TP-3100	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Update AFC	6d	18-Jan-23	25-Jan-23	98d	
DG-150-TP-3120	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Issue AFC	0d		25-Jan-23	98d	
Area 200 - Dawn Pde to Terminus End (Ch 37,150 - 40,135)		389d	20-Jul-21	27-Feb-23	318d	
Goodwin Terrace Contaminated Land Plan and Report		1d	20-Jul-21	20-Jul-21	107d	
DG-i86-1000	Design - Goodwin Terrace Contaminated Land Plan and Report	1d	20-Jul-21	20-Jul-21	107d	
Area 200 - Zone 2A to 2I - Rail Civil		275d	10-Aug-21	23-Sep-22	149d	
Design Development Gate 1 - 70%		124d	10-Aug-21	17-Feb-22	38d	
DG-200-RaC-1000	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 1 Design	65d	10-Aug-21	10-Nov-21	28d	
DG-200-RaC-1020	Design - Area 200 2A-2I - Rail Civil - AECOM IDR Review Gate 1 Design	10d	11-Nov-21	24-Nov-21	38d	
DG-200-RaC-1040	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 1 Design	27d	25-Nov-21	17-Jan-22	38d	
DG-200-RaC-1060	Design - Area 200 2A-2I - Rail Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	18-Jan-22	08-Feb-22	38d	
DG-200-RaC-1080	Design - Area 200 2A-2I - Rail Civil - AECOM Close Out Gate 1 Comments	7d	09-Feb-22	17-Feb-22	38d	
Design Development Gate 2		90d	20-Jan-22	01-Jun-22	110d	
DG-200-RaC-2000	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 2 Design	30d	20-Jan-22	03-Mar-22	110d	
DG-200-RaC-2020	Design - Area 200 2A-2I - Rail Civil - AECOM IDR Review Gate 2 Design	11d	04-Mar-22	18-Mar-22	110d	
DG-200-RaC-2040	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 2 Design	25d	21-Mar-22	27-Apr-22	110d	
DG-200-RaC-2060	Design - Area 200 2A-2I - Rail Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	28-Apr-22	19-May-22	110d	
DG-200-RaC-2080	Design - Area 200 2A-2I - Rail Civil - AECOM Close Out Gate 2 Comments	9d	20-May-22	01-Jun-22	110d	
Design Development Gate 3 - AFC		105d	28-Apr-22	23-Sep-22	149d	
DG-200-RaC-3000	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 3 Design	42d	28-Apr-22	27-Jun-22	149d	
DG-200-RaC-3020	Design - Area 200 2A-2I - Rail Civil - AECOM IDR Review Gate 3 Design	11d	28-Jun-22	12-Jul-22	149d	
DG-200-RaC-3040	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 3 Design	23d	13-Jul-22	12-Aug-22	149d	
DG-200-RaC-3060	Design - Area 200 2A-2I - Rail Civil - External Review - IV Goldlinq State O&M	15d	15-Aug-22	05-Sep-22	149d	
DG-200-RaC-3080	Design - Area 200 2A-2I - Rail Civil - AECOM Close Out Gate 3 Comments	9d	06-Sep-22	16-Sep-22	149d	
DG-200-RaC-3100	Design - Area 200 2A-2I - Rail Civil - AECOM Update AFC	5d	19-Sep-22	23-Sep-22	149d	



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DG-200-RaC-3120	Design - Area 200 2A-2I - Rail Civil - AECOM Issue AFC	0d		23-Sep-22	149d	
Area 200 - Zone 2A to 2I - Rail Systems, CSR+ OHLE		278d	11-Aug-21	29-Sep-22	145d	
Design Development Gate 1 - 70%		126d	11-Aug-21	22-Feb-22	145d	
DG-200-RaS-1000	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 1 Design	65d	11-Aug-21	11-Nov-21	145d	
DG-200-RaS-1020	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 1 Design	10d	12-Nov-21	25-Nov-21	145d	
DG-200-RaS-1040	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 1 Design	29d	26-Nov-21	20-Jan-22	145d	
DG-200-RaS-1060	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - External Review Gate 1 - IV Goldlinq State O&M	15d	21-Jan-22	11-Feb-22	145d	
DG-200-RaS-1080	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Close Out Gate 1 Comments	7d	14-Feb-22	22-Feb-22	145d	
Design Development Gate 2		90d	25-Jan-22	06-Jun-22	153d	
DG-200-RaS-2000	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 2 Design	30d	25-Jan-22	08-Mar-22	145d	
DG-200-RaS-2020	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 2 Design	11d	09-Mar-22	23-Mar-22	145d	
DG-200-RaS-2040	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 2 Design	25d	24-Mar-22	03-May-22	145d	
DG-200-RaS-2060	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - External Review Gate 2 - IV Goldlinq State O&M	15d	04-May-22	24-May-22	153d	
DG-200-RaS-2080	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Close Out Gate 2 Comments	9d	25-May-22	06-Jun-22	153d	
Design Development Gate 3 - AFC		106d	04-May-22	29-Sep-22	145d	
DG-200-RaS-3000	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 3 Design	42d	04-May-22	30-Jun-22	145d	
DG-200-RaS-3020	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 3 Design	11d	01-Jul-22	15-Jul-22	145d	
DG-200-RaS-3040	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 3 Design	25d	18-Jul-22	19-Aug-22	145d	
DG-200-RaS-3060	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - External Review - IV Goldlinq State O&M	15d	22-Aug-22	12-Sep-22	145d	
DG-200-RaS-3080	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Close Out Gate 3 Comments	8d	13-Sep-22	22-Sep-22	145d	
DG-200-RaS-3100	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Update AFC	5d	23-Sep-22	29-Sep-22	145d	
DG-200-RaS-3120	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Issue AFC	0d		29-Sep-22	145d	
Area 200 - Zone 2A to 2I - Road Civil		280d	23-Aug-21	14-Oct-22	135d	
Design Development Gate 1 - 70%		125d	23-Aug-21	03-Mar-22	28d	
DG-200-RoC-1000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 1 Design	65d	23-Aug-21	23-Nov-21	28d	
DG-200-RoC-1020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 1 Design	10d	24-Nov-21	07-Dec-21	28d	
DG-200-RoC-1040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 1 Design	26d	08-Dec-21	28-Jan-22	28d	
DG-200-RoC-1060	Design - Area 200 2A-2I - Road Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	31-Jan-22	18-Feb-22	28d	
DG-200-RoC-1080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 1 Comments	9d	21-Feb-22	03-Mar-22	28d	
Design Development Gate 2		93d	07-Feb-22	21-Jun-22	143d	
DG-200-RoC-2000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 2 Design	29d	07-Feb-22	17-Mar-22	135d	
DG-200-RoC-2020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 2 Design	11d	18-Mar-22	01-Apr-22	135d	
DG-200-RoC-2040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 2 Design	29d	04-Apr-22	18-May-22	135d	
DG-200-RoC-2060	Design - Area 200 2A-2I - Road Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	19-May-22	08-Jun-22	143d	
DG-200-RoC-2080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 2 Comments	9d	09-Jun-22	21-Jun-22	143d	
Design Development Gate 3 - AFC		105d	19-May-22	14-Oct-22	135d	
DG-200-RoC-3000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 3 Design	42d	19-May-22	15-Jul-22	135d	
DG-200-RoC-3020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 3 Design	11d	18-Jul-22	01-Aug-22	135d	
DG-200-RoC-3040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 3 Design	22d	02-Aug-22	01-Sep-22	135d	
DG-200-RoC-3060	Design - Area 200 2A-2I - Road Civil - External Review Gate 3 - IV Goldlinq State O&M	15d	02-Sep-22	22-Sep-22	135d	
DG-200-RoC-3080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 3 Comments	10d	23-Sep-22	07-Oct-22	135d	
DG-200-RoC-3100	Design - Area 200 2A-2I - Road Civil - AECOM Update AFC	5d	10-Oct-22	14-Oct-22	135d	
DG-200-RoC-3120	Design - Area 200 2A-2I - Road Civil - AECOM Issue AFC	0d		14-Oct-22	135d	
Area 200 - Zone 2A to 2I - Drainage		281d	30-Aug-21	21-Oct-22	130d	
Design Development Gate 1 - 70%		126d	30-Aug-21	10-Mar-22	130d	
DG-200-DrN-1000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 1 Design	65d	30-Aug-21	29-Nov-21	130d	
DG-200-DrN-1020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 1 Design	10d	30-Nov-21	13-Dec-21	130d	
DG-200-DrN-1040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 1 Design	27d	14-Dec-21	04-Feb-22	130d	
DG-200-DrN-1060	Design - Area 200 2A-2I - Road Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	07-Feb-22	25-Feb-22	130d	
DG-200-DrN-1080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 1 Comments	9d	28-Feb-22	10-Mar-22	130d	
Design Development Gate 2		93d	14-Feb-22	28-Jun-22	138d	
DG-200-DrN-2000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 2 Design	29d	14-Feb-22	24-Mar-22	130d	
DG-200-DrN-2020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 2 Design	11d	25-Mar-22	08-Apr-22	130d	
DG-200-DrN-2040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 2 Design	29d	11-Apr-22	25-May-22	130d	
DG-200-DrN-2060	Design - Area 200 2A-2I - Road Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	26-May-22	15-Jun-22	138d	
DG-200-DrN-2080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 2 Comments	9d	16-Jun-22	28-Jun-22	138d	
Design Development Gate 3 - AFC		105d	26-May-22	21-Oct-22	130d	
DG-200-DrN-3000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 3 Design	42d	26-May-22	22-Jul-22	130d	
DG-200-DrN-3020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 3 Design	11d	25-Jul-22	08-Aug-22	130d	
DG-200-DrN-3040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 3 Design	22d	09-Aug-22	08-Sep-22	130d	
DG-200-DrN-3060	Design - Area 200 2A-2I - Road Civil - External Review Gate 3 - IV Goldlinq State O&M	15d	09-Sep-22	29-Sep-22	130d	
DG-200-DrN-3080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 3 Comments	10d	30-Sep-22	14-Oct-22	130d	
DG-200-DrN-3100	Design - Area 200 2A-2I - Road Civil - AECOM Update AFC	5d	17-Oct-22	21-Oct-22	130d	
DG-200-DrN-3120	Design - Area 200 2A-2I - Road Civil - AECOM Issue AFC	0d		21-Oct-22	130d	
Area 200 - Zone 2A to 2I - Structures		280d	26-Aug-21	19-Oct-22	132d	

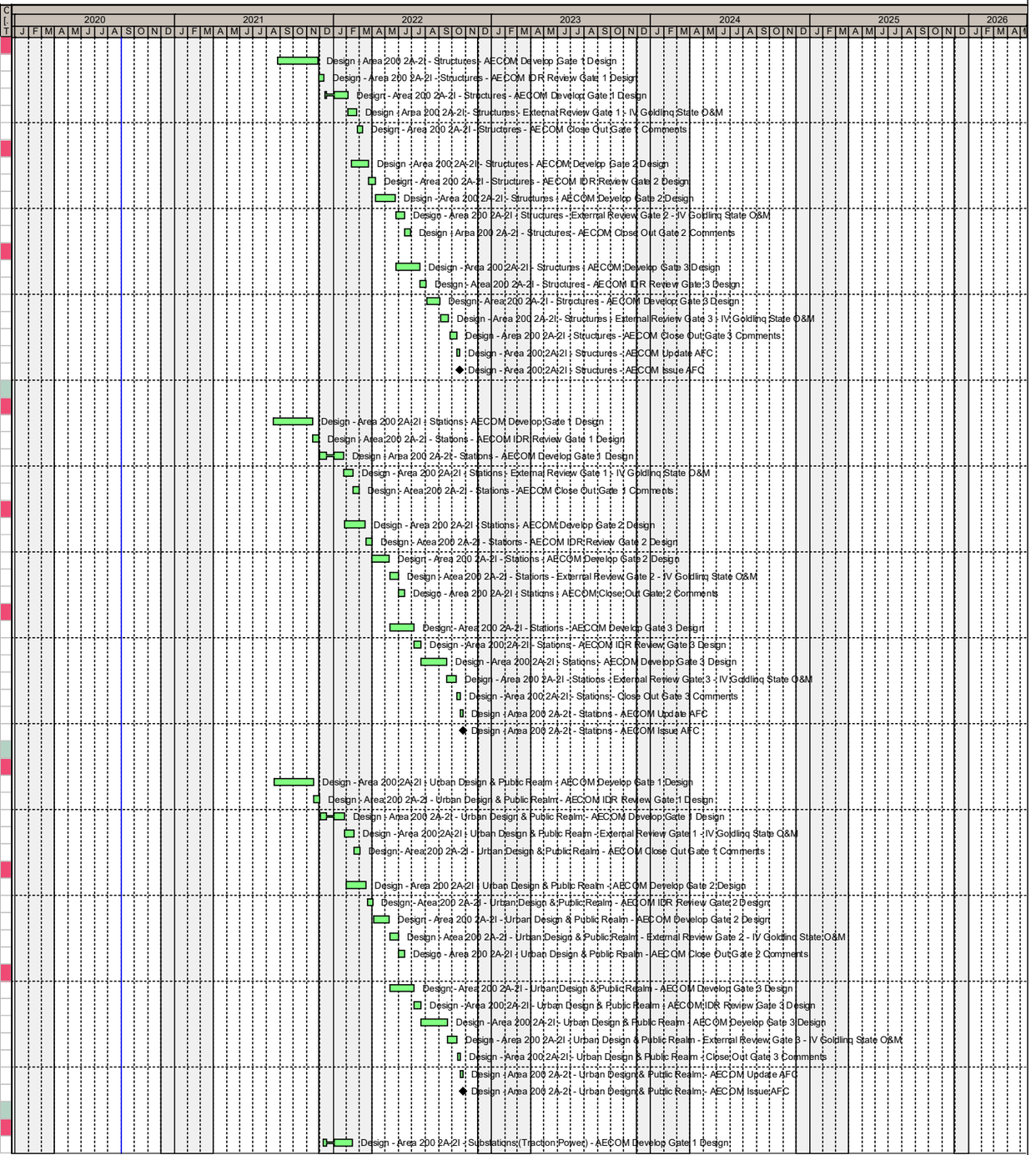


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Design Development Gate 1 - 70%		126d	26-Aug-21	09-Mar-22	132d
DG-200-StR-1000	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 1 Design	65d	26-Aug-21	26-Nov-21	132d
DG-200-StR-1020	Design - Area 200 2A-2I - Structures - AECOM IDR Review Gate 1 Design	10d	29-Nov-21	10-Dec-21	132d
DG-200-StR-1040	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 1 Design	27d	13-Dec-21	03-Feb-22	132d
DG-200-StR-1060	Design - Area 200 2A-2I - Structures - External Review Gate 1 - IV Goldlinq State O&M	15d	04-Feb-22	24-Feb-22	132d
DG-200-StR-1080	Design - Area 200 2A-2I - Structures - AECOM Close Out Gate 1 Comments	9d	25-Feb-22	09-Mar-22	132d
Design Development Gate 2		93d	11-Feb-22	27-Jun-22	138d
DG-200-StR-2000	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 2 Design	29d	11-Feb-22	23-Mar-22	132d
DG-200-StR-2020	Design - Area 200 2A-2I - Structures - AECOM IDR Review Gate 2 Design	11d	24-Mar-22	07-Apr-22	132d
DG-200-StR-2040	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 2 Design	29d	08-Apr-22	24-May-22	132d
DG-200-StR-2060	Design - Area 200 2A-2I - Structures - External Review Gate 2 - IV Goldlinq State O&M	15d	25-May-22	14-Jun-22	138d
DG-200-StR-2080	Design - Area 200 2A-2I - Structures - AECOM Close Out Gate 2 Comments	9d	15-Jun-22	27-Jun-22	138d
Design Development Gate 3 - AFC		104d	25-May-22	19-Oct-22	132d
DG-200-StR-3000	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 3 Design	40d	25-May-22	19-Jul-22	132d
DG-200-StR-3020	Design - Area 200 2A-2I - Structures - AECOM IDR Review Gate 3 Design	11d	20-Jul-22	03-Aug-22	132d
DG-200-StR-3040	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 3 Design	21d	04-Aug-22	02-Sep-22	132d
DG-200-StR-3060	Design - Area 200 2A-2I - Structures - External Review Gate 3 - IV Goldlinq State O&M	15d	05-Sep-22	23-Sep-22	132d
DG-200-StR-3080	Design - Area 200 2A-2I - Structures - AECOM Close Out Gate 3 Comments	12d	26-Sep-22	12-Oct-22	132d
DG-200-StR-3100	Design - Area 200 2A-2I - Structures - AECOM Update AFC	5d	13-Oct-22	19-Oct-22	132d
DG-200-StR-3120	Design - Area 200 2A-2I - Structures - AECOM Issue AFC	0d		19-Oct-22	132d
Area 200 - Zone 2A to 2I - Stations (MIA / CHA / SAB / BUH)		294d	16-Aug-21	27-Oct-22	394d
Design Development Gate 1 - 70%		129d	16-Aug-21	02-Mar-22	394d
DG-200-StN-1000	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 1 Design	64d	16-Aug-21	15-Nov-21	78d
DG-200-StN-1020	Design - Area 200 2A-2I - Stations - AECOM IDR Review Gate 1 Design	10d	16-Nov-21	29-Nov-21	78d
DG-200-StN-1040	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 1 Design	29d	30-Nov-21	24-Jan-22	78d
DG-200-StN-1060	Design - Area 200 2A-2I - Stations - External Review Gate 1 - IV Goldlinq State O&M	15d	25-Jan-22	15-Feb-22	394d
DG-200-StN-1080	Design - Area 200 2A-2I - Stations - AECOM Close Out Gate 1 Comments	11d	16-Feb-22	02-Mar-22	394d
Design Development Gate 2		93d	28-Jan-22	13-Jun-22	401d
DG-200-StN-2000	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 2 Design	34d	28-Jan-22	16-Mar-22	394d
DG-200-StN-2020	Design - Area 200 2A-2I - Stations - AECOM IDR Review Gate 2 Design	10d	17-Mar-22	30-Mar-22	394d
DG-200-StN-2040	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 2 Design	25d	31-Mar-22	10-May-22	394d
DG-200-StN-2060	Design - Area 200 2A-2I - Stations - External Review Gate 2 - IV Goldlinq State O&M	15d	11-May-22	31-May-22	401d
DG-200-StN-2080	Design - Area 200 2A-2I - Stations - AECOM Close Out Gate 2 Comments	9d	01-Jun-22	13-Jun-22	401d
Design Development Gate 3 - AFC		120d	11-May-22	27-Oct-22	394d
DG-200-StN-3000	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 3 Design	41d	11-May-22	06-Jul-22	394d
DG-200-StN-3020	Design - Area 200 2A-2I - Stations - AECOM IDR Review Gate 3 Design	11d	07-Jul-22	21-Jul-22	394d
DG-200-StN-3040	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 3 Design	41d	22-Jul-22	19-Sep-22	394d
DG-200-StN-3060	Design - Area 200 2A-2I - Stations - External Review Gate 3 - IV Goldlinq State O&M	15d	20-Sep-22	11-Oct-22	394d
DG-200-StN-3080	Design - Area 200 2A-2I - Stations - Close Out Gate 3 Comments	7d	12-Oct-22	20-Oct-22	394d
DG-200-StN-3100	Design - Area 200 2A-2I - Stations - AECOM Update AFC	5d	21-Oct-22	27-Oct-22	394d
DG-200-StN-3120	Design - Area 200 2A-2I - Stations - AECOM Issue AFC	0d		27-Oct-22	394d
Area 200 - Zone 2A to 2I - Urban Design and Public Realm		292d	18-Aug-21	27-Oct-22	394d
Design Development Gate 1 - 70%		129d	18-Aug-21	04-Mar-22	394d
DG-200-UrD-1000	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 1 Design	64d	18-Aug-21	17-Nov-21	394d
DG-200-UrD-1020	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM IDR Review Gate 1 Design	10d	18-Nov-21	01-Dec-21	394d
DG-200-UrD-1040	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 1 Design	29d	02-Dec-21	27-Jan-22	394d
DG-200-UrD-1060	Design - Area 200 2A-2I - Urban Design & Public Realm - External Review Gate 1 - IV Goldlinq State O&M	15d	28-Jan-22	17-Feb-22	394d
DG-200-UrD-1080	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Close Out Gate 1 Comments	11d	18-Feb-22	04-Mar-22	394d
Design Development Gate 2		91d	01-Feb-22	13-Jun-22	401d
DG-200-UrD-2000	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 2 Design	34d	01-Feb-22	18-Mar-22	394d
DG-200-UrD-2020	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM IDR Review Gate 2 Design	10d	21-Mar-22	01-Apr-22	394d
DG-200-UrD-2040	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 2 Design	23d	04-Apr-22	10-May-22	394d
DG-200-UrD-2060	Design - Area 200 2A-2I - Urban Design & Public Realm - External Review Gate 2 - IV Goldlinq State O&M	15d	11-May-22	31-May-22	401d
DG-200-UrD-2080	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Close Out Gate 2 Comments	9d	01-Jun-22	13-Jun-22	401d
Design Development Gate 3 - AFC		120d	11-May-22	27-Oct-22	394d
DG-200-UrD-3000	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 3 Design	41d	11-May-22	06-Jul-22	394d
DG-200-UrD-3020	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM IDR Review Gate 3 Design	11d	07-Jul-22	21-Jul-22	394d
DG-200-UrD-3040	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 3 Design	43d	22-Jul-22	21-Sep-22	394d
DG-200-UrD-3060	Design - Area 200 2A-2I - Urban Design & Public Realm - External Review Gate 3 - IV Goldlinq State O&M	15d	22-Sep-22	13-Oct-22	394d
DG-200-UrD-3080	Design - Area 200 2A-2I - Urban Design & Public Realm - Close Out Gate 3 Comments	5d	14-Oct-22	20-Oct-22	394d
DG-200-UrD-3100	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Update AFC	5d	21-Oct-22	27-Oct-22	394d
DG-200-UrD-3120	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Issue AFC	0d		27-Oct-22	394d
Area 200 - Zone 2A to 2I - Substations (Traction Power)		290d	08-Dec-21	27-Feb-23	155d
Design Development Gate 1 - 70%		134d	08-Dec-21	05-Jul-22	89d
DG-200-TP-1000	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 1 Design	37d	08-Dec-21	14-Feb-22	78d

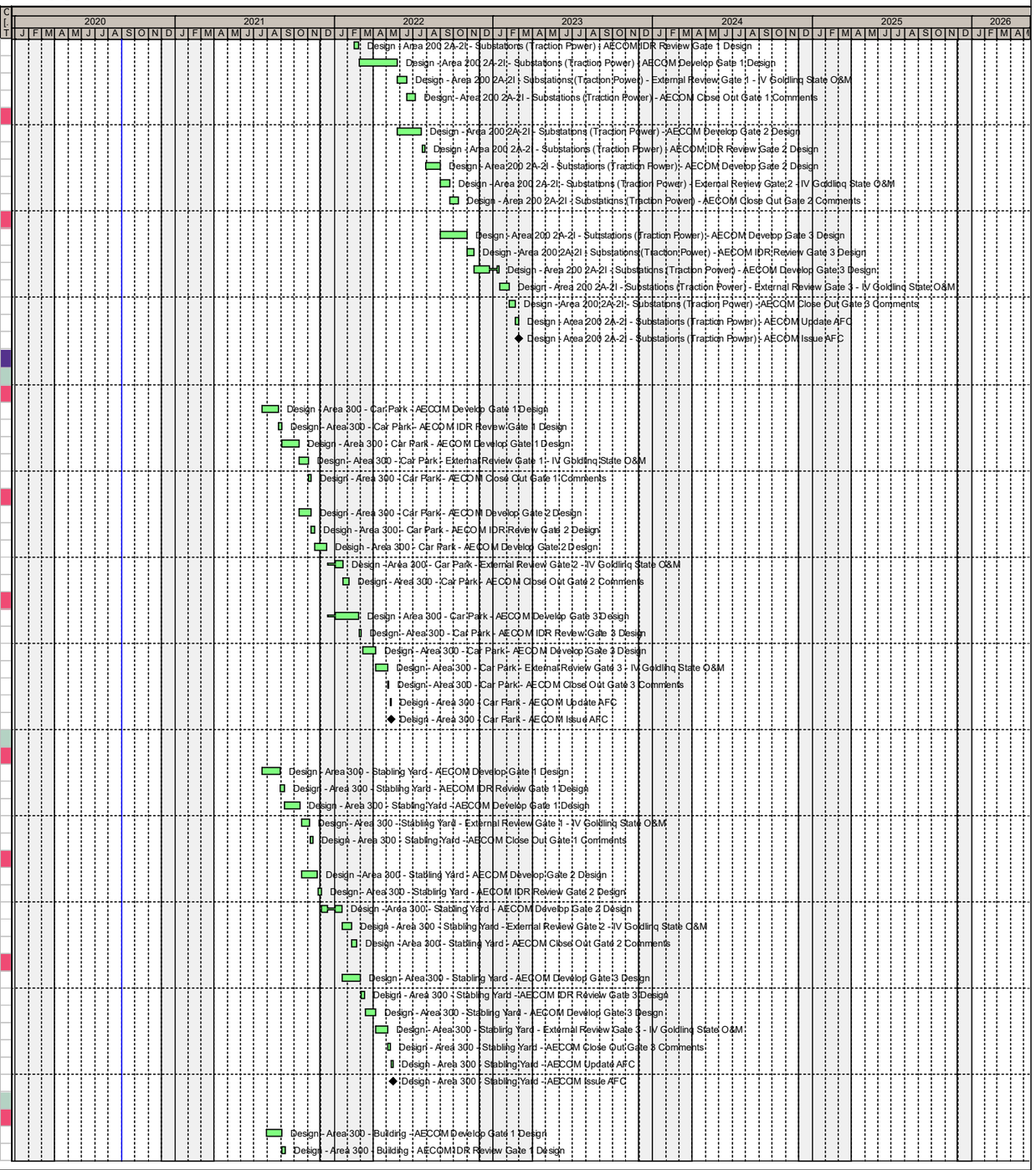


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Project ID : P00287-PTSub-021
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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-200-TP-1020	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM IDR Review Gate 1 Design	9d	15-Feb-22	25-Feb-22	78d
DG-200-TP-1040	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 1 Design	59d	28-Feb-22	25-May-22	78d
DG-200-TP-1060	Design - Area 200 2A-2I - Substations (Traction Power) - External Review Gate 1 - IV Goldlinq State O&M	15d	26-May-22	15-Jun-22	89d
DG-200-TP-1080	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Close Out Gate 1 Comments	14d	16-Jun-22	05-Jul-22	89d
Design Development Gate 2		98d	26-May-22	12-Oct-22	92d
DG-200-TP-2000	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 2 Design	40d	26-May-22	20-Jul-22	78d
DG-200-TP-2020	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM IDR Review Gate 2 Design	6d	21-Jul-22	28-Jul-22	78d
DG-200-TP-2040	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 2 Design	24d	29-Jul-22	01-Sep-22	78d
DG-200-TP-2060	Design - Area 200 2A-2I - Substations (Traction Power) - External Review Gate 2 - IV Goldlinq State O&M	15d	02-Sep-22	22-Sep-22	92d
DG-200-TP-2080	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Close Out Gate 2 Comments	13d	23-Sep-22	12-Oct-22	92d
Design Development Gate 3 - AFC		115d	02-Sep-22	27-Feb-23	155d
DG-200-TP-3000	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 3 Design	42d	02-Sep-22	01-Nov-22	78d
DG-200-TP-3020	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM IDR Review Gate 3 Design	11d	02-Nov-22	16-Nov-22	78d
DG-200-TP-3040	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 3 Design	32d	17-Nov-22	13-Jan-23	78d
DG-200-TP-3060	Design - Area 200 2A-2I - Substations (Traction Power) - External Review Gate 3 - IV Goldlinq State O&M	15d	16-Jan-23	06-Feb-23	78d
DG-200-TP-3080	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Close Out Gate 3 Comments	10d	07-Feb-23	20-Feb-23	155d
DG-200-TP-3100	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Update AFC	5d	21-Feb-23	27-Feb-23	155d
DG-200-TP-3120	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Issue AFC	0d		27-Feb-23	155d
Area 300 - Depot		227d	20-Jul-21	27-Jun-22	301d
Area 300 - Depot - Car Park		195d	20-Jul-21	12-May-22	183d
Design Development Gate 1 - 70%		79d	20-Jul-21	09-Nov-21	183d
DG-300-CP-1000	Design - Area 300 - Car Park - AECOM Develop Gate 1 Design	27d	20-Jul-21	25-Aug-21	183d
DG-300-CP-1020	Design - Area 300 - Car Park - AECOM IDR Review Gate 1 Design	5d	26-Aug-21	02-Sep-21	183d
DG-300-CP-1040	Design - Area 300 - Car Park - AECOM Develop Gate 1 Design	27d	03-Sep-21	12-Oct-21	183d
DG-300-CP-1060	Design - Area 300 - Car Park - External Review Gate 1 - IV Goldlinq State O&M	15d	13-Oct-21	02-Nov-21	183d
DG-300-CP-1080	Design - Area 300 - Car Park - AECOM Close Out Gate 1 Comments	5d	03-Nov-21	09-Nov-21	183d
Design Development Gate 2		71d	13-Oct-21	04-Feb-22	198d
DG-300-CP-2000	Design - Area 300 - Car Park - AECOM Develop Gate 2 Design	20d	13-Oct-21	09-Nov-21	183d
DG-300-CP-2020	Design - Area 300 - Car Park - AECOM IDR Review Gate 2 Design	5d	10-Nov-21	16-Nov-21	183d
DG-300-CP-2040	Design - Area 300 - Car Park - AECOM Develop Gate 2 Design	21d	17-Nov-21	15-Dec-21	183d
DG-300-CP-2060	Design - Area 300 - Car Park - External Review Gate 2 - IV Goldlinq State O&M	15d	16-Dec-21	20-Jan-22	198d
DG-300-CP-2080	Design - Area 300 - Car Park - AECOM Close Out Gate 2 Comments	10d	21-Jan-22	04-Feb-22	198d
Design Development Gate 3 - AFC		90d	16-Dec-21	12-May-22	183d
DG-300-CP-3000	Design - Area 300 - Car Park - AECOM Develop Gate 3 Design	40d	16-Dec-21	25-Feb-22	183d
DG-300-CP-3020	Design - Area 300 - Car Park - AECOM IDR Review Gate 3 Design	5d	28-Feb-22	04-Mar-22	183d
DG-300-CP-3040	Design - Area 300 - Car Park - AECOM Develop Gate 3 Design	23d	07-Mar-22	06-Apr-22	183d
DG-300-CP-3060	Design - Area 300 - Car Park - External Review Gate 3 - IV Goldlinq State O&M	15d	07-Apr-22	03-May-22	183d
DG-300-CP-3080	Design - Area 300 - Car Park - AECOM Close Out Gate 3 Comments	3d	04-May-22	06-May-22	183d
DG-300-CP-3100	Design - Area 300 - Car Park - AECOM Update AFC	4d	09-May-22	12-May-22	183d
DG-300-CP-3120	Design - Area 300 - Car Park - AECOM Issue AFC	0d		12-May-22	183d
Area 300 - Depot - Stabling Yard		197d	20-Jul-21	16-May-22	196d
Design Development Gate 1 - 70%		82d	20-Jul-21	12-Nov-21	194d
DG-300-StY-1000	Design - Area 300 - Stabling Yard - AECOM Develop Gate 1 Design	29d	20-Jul-21	30-Aug-21	188d
DG-300-StY-1020	Design - Area 300 - Stabling Yard - AECOM IDR Review Gate 1 Design	7d	31-Aug-21	08-Sep-21	188d
DG-300-StY-1040	Design - Area 300 - Stabling Yard - AECOM Develop Gate 1 Design	26d	09-Sep-21	15-Oct-21	188d
DG-300-StY-1060	Design - Area 300 - Stabling Yard - External Review Gate 1 - IV Goldlinq State O&M	15d	18-Oct-21	05-Nov-21	194d
DG-300-StY-1080	Design - Area 300 - Stabling Yard - AECOM Close Out Gate 1 Comments	5d	08-Nov-21	12-Nov-21	194d
Design Development Gate 2		79d	18-Oct-21	21-Feb-22	203d
DG-300-StY-2000	Design - Area 300 - Stabling Yard - AECOM Develop Gate 2 Design	26d	18-Oct-21	22-Nov-21	188d
DG-300-StY-2020	Design - Area 300 - Stabling Yard - AECOM IDR Review Gate 2 Design	7d	24-Nov-21	02-Dec-21	187d
DG-300-StY-2040	Design - Area 300 - Stabling Yard - AECOM Develop Gate 2 Design	22d	03-Dec-21	18-Jan-22	187d
DG-300-StY-2060	Design - Area 300 - Stabling Yard - External Review Gate 2 - IV Goldlinq State O&M	15d	19-Jan-22	09-Feb-22	203d
DG-300-StY-2080	Design - Area 300 - Stabling Yard - AECOM Close Out Gate 2 Comments	8d	10-Feb-22	21-Feb-22	203d
Design Development Gate 3 - AFC		79d	19-Jan-22	16-May-22	196d
DG-300-StY-3000	Design - Area 300 - Stabling Yard - AECOM Develop Gate 3 Design	30d	19-Jan-22	02-Mar-22	196d
DG-300-StY-3020	Design - Area 300 - Stabling Yard - AECOM IDR Review Gate 3 Design	7d	03-Mar-22	11-Mar-22	196d
DG-300-StY-3040	Design - Area 300 - Stabling Yard - AECOM Develop Gate 3 Design	18d	14-Mar-22	06-Apr-22	196d
DG-300-StY-3060	Design - Area 300 - Stabling Yard - External Review Gate 3 - IV Goldlinq State O&M	15d	07-Apr-22	03-May-22	196d
DG-300-StY-3080	Design - Area 300 - Stabling Yard - AECOM Close Out Gate 3 Comments	5d	04-May-22	10-May-22	196d
DG-300-StY-3100	Design - Area 300 - Stabling Yard - AECOM Update AFC	4d	11-May-22	16-May-22	196d
DG-300-StY-3120	Design - Area 300 - Stabling Yard - AECOM Issue AFC	0d		16-May-22	196d
Area 300 - Depot - Building		194d	30-Jul-21	23-May-22	248d
Design Development Gate 1 - 70%		78d	30-Jul-21	18-Nov-21	251d
DG-300-BID-1000	Design - Area 300 - Building - AECOM Develop Gate 1 Design	24d	30-Jul-21	02-Sep-21	229d
DG-300-BID-1020	Design - Area 300 - Building - AECOM IDR Review Gate 1 Design	6d	03-Sep-21	10-Sep-21	229d



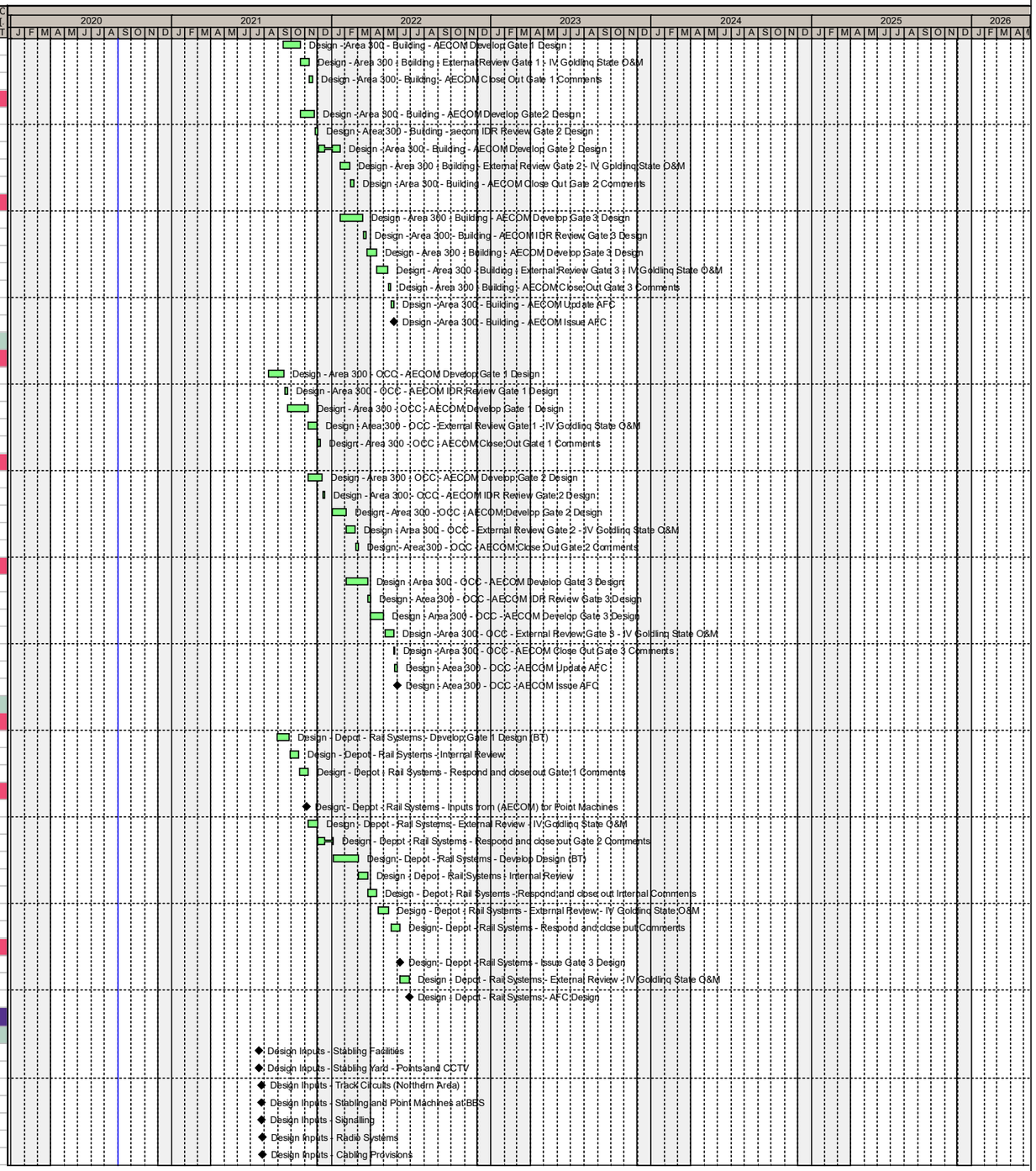
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Project ID : P00287-PTSub-021
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Filter TASK filter: All Activities

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-300-BID-1040	Design - Area 300 - Building - AECOM Develop Gate 1 Design	28d	13-Sep-21	21-Oct-21	229d
DG-300-BID-1060	Design - Area 300 - Building - External Review Gate 1 - IV Goldlinq State O&M	15d	22-Oct-21	11-Nov-21	251d
DG-300-BID-1080	Design - Area 300 - Building - AECOM Close Out Gate 1 Comments	5d	12-Nov-21	18-Nov-21	251d
Design Development Gate 2		76d	22-Oct-21	22-Feb-22	263d
DG-300-BID-2000	Design - Area 300 - Building - AECOM Develop Gate 2 Design	23d	22-Oct-21	23-Nov-21	248d
DG-300-BID-2020	Design - Area 300 - Building - aecom IDR Review Gate 2 Design	6d	24-Nov-21	01-Dec-21	248d
DG-300-BID-2040	Design - Area 300 - Building - AECOM Develop Gate 2 Design	25d	02-Dec-21	20-Jan-22	248d
DG-300-BID-2060	Design - Area 300 - Building - External Review Gate 2 - IV Goldlinq State O&M	15d	21-Jan-22	11-Feb-22	263d
DG-300-BID-2080	Design - Area 300 - Building - AECOM Close Out Gate 2 Comments	7d	14-Feb-22	22-Feb-22	263d
Design Development Gate 3 - AFC		82d	21-Jan-22	23-May-22	248d
DG-300-BID-3000	Design - Area 300 - Building - AECOM Develop Gate 3 Design	36d	21-Jan-22	14-Mar-22	249d
DG-300-BID-3020	Design - Area 300 - Building - AECOM IDR Review Gate 3 Design	6d	15-Mar-22	22-Mar-22	249d
DG-300-BID-3040	Design - Area 300 - Building - AECOM Develop Gate 3 Design	16d	23-Mar-22	13-Apr-22	249d
DG-300-BID-3060	Design - Area 300 - Building - External Review Gate 3 - IV Goldlinq State O&M	15d	14-Apr-22	10-May-22	249d
DG-300-BID-3080	Design - Area 300 - Building - AECOM Close Out Gate 3 Comments	4d	11-May-22	16-May-22	249d
DG-300-BID-3100	Design - Area 300 - Building - AECOM Update AFC	4d	18-May-22	23-May-22	248d
DG-300-BID-3120	Design - Area 300 - Building - AECOM Issue AFC	0d		23-May-22	248d
Area 300 - Depot - OCC (Gold Coast Universtit Hospital Station)		193d	10-Aug-21	31-May-22	319d
Design Development Gate 1 - 70%		83d	10-Aug-21	06-Dec-21	323d
DG-300-OcC-1000	Design - Area 300 - OCC - AECOM Develop Gate 1 Design	26d	10-Aug-21	15-Sep-21	319d
DG-300-OcC-1020	Design - Area 300 - OCC - AECOM IDR Review Gate 1 Design	5d	16-Sep-21	22-Sep-21	319d
DG-300-OcC-1040	Design - Area 300 - OCC - AECOM Develop Gate 1 Design	32d	23-Sep-21	08-Nov-21	319d
DG-300-OcC-1060	Design - Area 300 - OCC - External Review Gate 1 - IV Goldlinq State O&M	15d	09-Nov-21	29-Nov-21	323d
DG-300-OcC-1080	Design - Area 300 - OCC - AECOM Close Out Gate 1 Comments	5d	30-Nov-21	06-Dec-21	323d
Design Development Gate 2		71d	09-Nov-21	03-Mar-22	334d
DG-300-OcC-2000	Design - Area 300 - OCC - AECOM Develop Gate 2 Design	24d	09-Nov-21	10-Dec-21	319d
DG-300-OcC-2020	Design - Area 300 - OCC - AECOM IDR Review Gate 2 Design	5d	13-Dec-21	17-Dec-21	319d
DG-300-OcC-2040	Design - Area 300 - OCC - AECOM Develop Gate 2 Design	22d	04-Jan-22	03-Feb-22	319d
DG-300-OcC-2060	Design - Area 300 - OCC - External Review Gate 2 - IV Goldlinq State O&M	15d	04-Feb-22	24-Feb-22	334d
DG-300-OcC-2080	Design - Area 300 - OCC - AECOM Close Out Gate 2 Comments	5d	25-Feb-22	03-Mar-22	334d
Design Development Gate 3 - AFC		79d	04-Feb-22	31-May-22	319d
DG-300-OcC-3000	Design - Area 300 - OCC - AECOM Develop Gate 3 Design	35d	04-Feb-22	24-Mar-22	319d
DG-300-OcC-3020	Design - Area 300 - OCC - AECOM IDR Review Gate 3 Design	5d	25-Mar-22	31-Mar-22	319d
DG-300-OcC-3040	Design - Area 300 - OCC - AECOM Develop Gate 3 Design	18d	01-Apr-22	29-Apr-22	319d
DG-300-OcC-3060	Design - Area 300 - OCC - External Review Gate 3 - IV Goldlinq State O&M	15d	03-May-22	23-May-22	319d
DG-300-OcC-3080	Design - Area 300 - OCC - AECOM Close Out Gate 3 Comments	2d	24-May-22	25-May-22	319d
DG-300-OcC-3100	Design - Area 300 - OCC - AECOM Update AFC	4d	26-May-22	31-May-22	319d
DG-300-OcC-3120	Design - Area 300 - OCC - AECOM Issue AFC	0d		31-May-22	319d
Area 300 - Depot - Rail Systems		198d	31-Aug-21	27-Jun-22	301d
Design Development Gate 1		50d	31-Aug-21	09-Nov-21	243d
DG-300-RS-1000	Design - Depot - Rail Systems - Develop Gate 1 Design (BT)	20d	31-Aug-21	27-Sep-21	243d
DG-300-RS-1020	Design - Depot - Rail Systems - Internal Review	15d	28-Sep-21	19-Oct-21	243d
DG-300-RS-1040	Design - Depot - Rail Systems - Respond and close out Gate 1 Comments	15d	20-Oct-21	09-Nov-21	243d
Design Development Gate 2		135d	05-Nov-21	06-Jun-22	301d
DG-300-RS-a1200	Design - Depot - Rail Systems - Inputs from (AECOM) for Point Machines	0d		05-Nov-21	245d
DG-300-RS-1060	Design - Depot - Rail Systems - External Review - IV Goldlinq State O&M	15d	10-Nov-21	30-Nov-21	243d
DG-300-RS-1080	Design - Depot - Rail Systems - Respond and close out Gate 2 Comments	15d	01-Dec-21	05-Jan-22	243d
DG-300-RS-1100	Design - Depot - Rail Systems - Develop Design (BT)	40d	06-Jan-22	03-Mar-22	243d
DG-300-RS-1120	Design - Depot - Rail Systems - Internal Review	15d	04-Mar-22	24-Mar-22	304d
DG-300-RS-1140	Design - Depot - Rail Systems - Respond and close out Internal Comments	15d	25-Mar-22	14-Apr-22	304d
DG-300-RS-1160	Design - Depot - Rail Systems - External Review - IV Goldlinq State O&M	15d	19-Apr-22	11-May-22	304d
DG-300-RS-1260	Design - Depot - Rail Systems - Respond and close out Comments	15d	17-May-22	06-Jun-22	301d
AFC Design Gate 3		15d	06-Jun-22	27-Jun-22	301d
DG-300-RS-1280	Design - Depot - Rail Systems - Issue Gate 3 Design	0d		06-Jun-22	301d
DG-300-RS-1300	Design - Depot - Rail Systems - External Review - IV Goldlinq State O&M	15d	07-Jun-22	27-Jun-22	301d
DG-300-RS-1320	Design - Depot - Rail Systems - AFC Design	0d		27-Jun-22	301d
Rail Systems		528d	19-Jul-21	15-Sep-23	207d
Design Inputs by Bombardier (BT) and Goldlinq (OF3) to AECOM (DG3)		180d	19-Jul-21	19-Apr-22	125d
DG-INPUT-1180	Design Inputs - Stabling Facilities	0d		19-Jul-21	188d
DG-INPUT-1240	Design Inputs - Stabling Yard - Points and CCTV	0d		19-Jul-21	188d
DG-INPUT-1140	Design Inputs - Track Circuits (Northern Area)	0d		26-Jul-21	39d
DG-INPUT-1160	Design Inputs - Stabling and Point Machines at BBS	0d		26-Jul-21	39d
DG-INPUT-1060	Design Inputs - Signalling	0d		26-Jul-21	38d
DG-INPUT-1080	Design Inputs - Radio Systems	0d		27-Jul-21	101d
DG-INPUT-1040	Design Inputs - Cabling Provisions	0d		27-Jul-21	101d

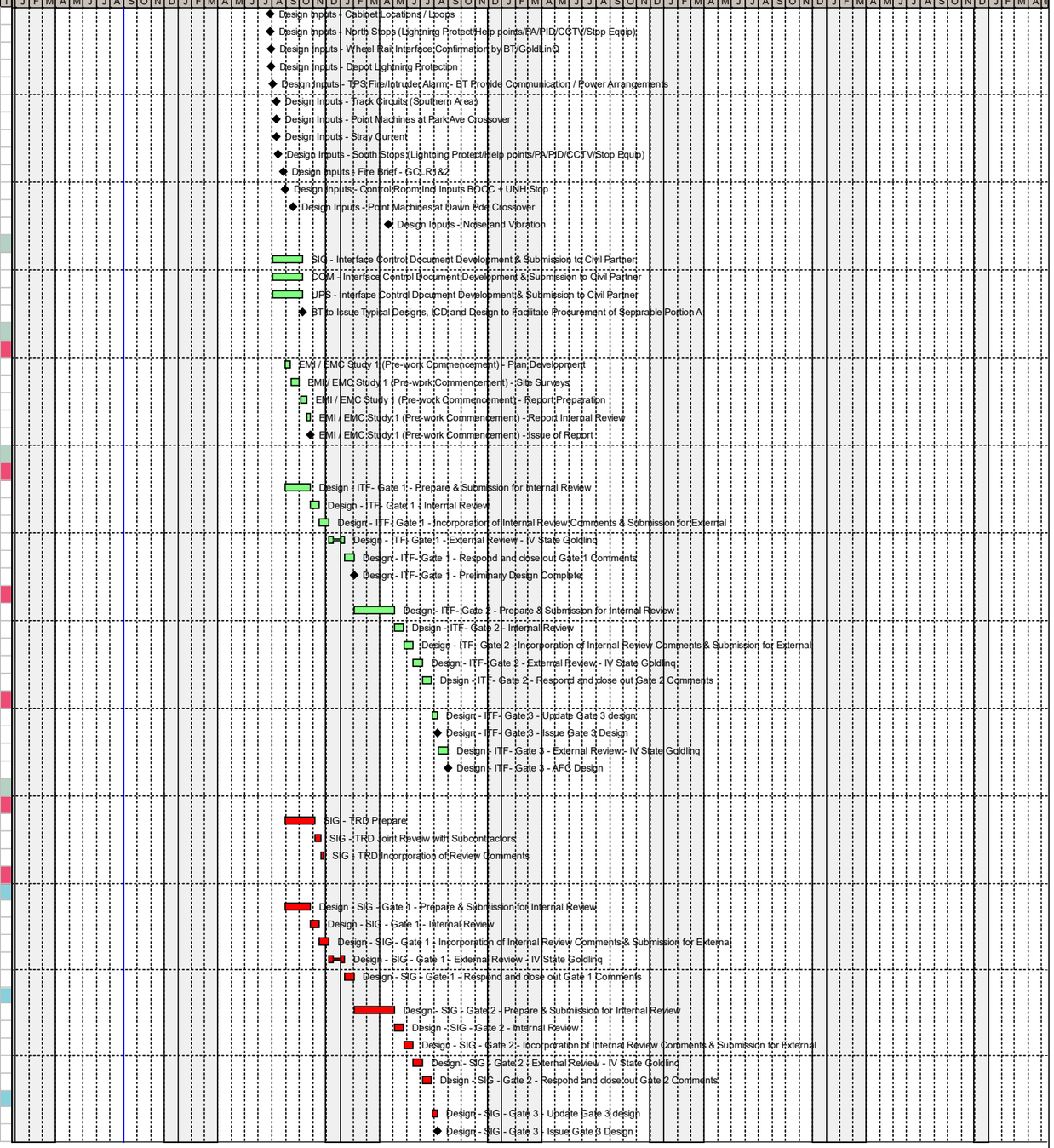


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-INPUT-1100	Design Inputs - Cabinet Locations / Loops	0d		27-Jul-21	101d
DG-INPUT-1320	Design Inputs - North Stops (Lightning Protect/Help points/PA/PID/CCTV/Stop Equip)	0d		27-Jul-21	101d
DG-INPUT-1120	Design Inputs - Wheel Rail Interface Confirmation by BT/GoldLinQ	0d		29-Jul-21	237d
DG-INPUT-1200	Design Inputs - Depot Lightning Protection	0d		29-Jul-21	229d
DG-INPUT-1280	Design Inputs - TPS Fire/Intruder Alarm - BT Provide Communication / Power Arrangements	0d		02-Aug-21	153d
DG-INPUT-1020	Design Inputs - Track Circuits (Southern Area)	0d		09-Aug-21	28d
DG-INPUT-1340	Design Inputs - Point Machines at Park Ave Crossover	0d		09-Aug-21	28d
DG-INPUT-1260	Design Inputs - Stray Current	0d		10-Aug-21	119d
DG-INPUT-1300	Design Inputs - South Stops (Lightning Protect/Help points/PA/PID/CCTV/Stop Equip)	0d		13-Aug-21	78d
DG-INPUT-1000	Design Inputs - Fire Brief - GCLR1&2	0d		26-Aug-21	227d
DG-INPUT-1220	Design Inputs - Control Room Incl Inputs BOCC + UNH Stop	0d		30-Aug-21	243d
DG-INPUT-1380	Design Inputs - Point Machines at Dawn Pde Crossover	0d		16-Sep-21	15d
DG-INPUT-1360	Design Inputs - Noise and Vibration	0d		19-Apr-22	125d
Design Interface		48d	02-Aug-21	08-Oct-21	319d
DG-RS-1000	SIG - Interface Control Document Development & Submission to Civil Partner	48d	02-Aug-21	08-Oct-21	319d
DG-RS-1020	COM - Interface Control Document Development & Submission to Civil Partner	48d	02-Aug-21	08-Oct-21	319d
DG-RS-1040	UPS - Interface Control Document Development & Submission to Civil Partner	48d	02-Aug-21	08-Oct-21	319d
DG-RS-2980	BT to Issue Typical Designs, ICD and Design to Facilitate Procurement of Separable Portion A	0d		08-Oct-21	319d
Project Wide		40d	30-Aug-21	25-Oct-21	656d
EMI/EMC Study		40d	30-Aug-21	25-Oct-21	656d
DG-RS-1100	EMI / EMC Study 1 (Pre-work Commencement) - Plan Development	10d	30-Aug-21	10-Sep-21	656d
DG-RS-1120	EMI / EMC Study 1 (Pre-work Commencement) - Site Surveys	15d	13-Sep-21	01-Oct-21	656d
DG-RS-1140	EMI / EMC Study 1 (Pre-work Commencement) - Report Preparation	10d	05-Oct-21	18-Oct-21	656d
DG-RS-1160	EMI / EMC Study 1 (Pre-work Commencement) - Report Internal Review	5d	19-Oct-21	25-Oct-21	656d
DG-RS-1180	EMI / EMC Study 1 (Pre-work Commencement) - Issue of Report	0d		25-Oct-21	656d
Integration Test Facility (ITF)		245d	30-Aug-21	31-Aug-22	269d
Design Development Gate 1		100d	30-Aug-21	02-Feb-22	269d
DG-4B-RS-1300	Design - ITF- Gate 1 - Prepare & Submission for Internal Review	40d	30-Aug-21	25-Oct-21	269d
DG-4B-RS-1320	Design - ITF- Gate 1 - Internal Review	15d	26-Oct-21	15-Nov-21	269d
DG-4B-RS-1340	Design - ITF- Gate 1 - Incorporation of Internal Review Comments & Submission for External	15d	16-Nov-21	06-Dec-21	269d
DG-4B-RS-1360	Design - ITF- Gate 1 - External Review - IV State Goldlinq	15d	07-Dec-21	11-Jan-22	269d
DG-4B-RS-1380	Design - ITF- Gate 1 - Respond and close out Gate 1 Comments	15d	12-Jan-22	02-Feb-22	269d
DG-4B-RS-1400	Design - ITF- Gate 1 - Preliminary Design Complete	0d		02-Feb-22	269d
Design Development Gate 2		120d	03-Feb-22	26-Jul-22	269d
DG-4B-RS-1420	Design - ITF- Gate 2 - Prepare & Submission for Internal Review	60d	03-Feb-22	03-May-22	269d
DG-4B-RS-1440	Design - ITF- Gate 2 - Internal Review	15d	04-May-22	24-May-22	269d
DG-4B-RS-1460	Design - ITF- Gate 2 - Incorporation of Internal Review Comments & Submission for External	15d	25-May-22	14-Jun-22	269d
DG-4B-RS-1480	Design - ITF- Gate 2 - External Review - IV State Goldlinq	15d	15-Jun-22	05-Jul-22	269d
DG-4B-RS-1500	Design - ITF- Gate 2 - Respond and close out Gate 2 Comments	15d	06-Jul-22	26-Jul-22	269d
AFC Design Gate 3		25d	27-Jul-22	31-Aug-22	269d
DG-4B-RS-1291	Design - ITF- Gate 3 - Update Gate 3 design	10d	27-Jul-22	09-Aug-22	269d
DG-4B-RS-1311	Design - ITF- Gate 3 - Issue Gate 3 Design	0d		09-Aug-22	269d
DG-4B-RS-1331	Design - ITF- Gate 3 - External Review - IV State Goldlinq	15d	10-Aug-22	31-Aug-22	269d
DG-4B-RS-1351	Design - ITF- Gate 3 - AFC Design	0d		31-Aug-22	269d
Signalling		245d	30-Aug-21	31-Aug-22	167d
Signalling (TRD)		63d	30-Aug-21	25-Nov-21	285d
DG-RS-1540	SIG - TRD Prepare	48d	30-Aug-21	04-Nov-21	285d
DG-RS-1560	SIG - TRD Joint Reveiw with Subcontractors	10d	05-Nov-21	18-Nov-21	285d
DG-RS-1580	SIG - TRD Incorporation of Review Comments	5d	19-Nov-21	25-Nov-21	285d
Signalling (Design)		245d	30-Aug-21	31-Aug-22	167d
Design Development Gate 1		100d	30-Aug-21	02-Feb-22	167d
DG-RS-1600	Design - SIG - Gate 1 - Prepare & Submission for Internal Review	40d	30-Aug-21	25-Oct-21	167d
DG-RS-1620	Design - SIG - Gate 1 - Internal Review	15d	26-Oct-21	15-Nov-21	167d
DG-RS-1640	Design - SIG - Gate 1 - Incorporation of Internal Review Comments & Submission for External	15d	16-Nov-21	06-Dec-21	167d
DG-RS-1660	Design - SIG - Gate 1 - External Review - IV State Goldlinq	15d	07-Dec-21	11-Jan-22	167d
DG-RS-1680	Design - SIG - Gate 1 - Respond and close out Gate 1 Comments	15d	12-Jan-22	02-Feb-22	167d
Design Development Gate 2		120d	03-Feb-22	26-Jul-22	167d
DG-RS-1720	Design - SIG - Gate 2 - Prepare & Submission for Internal Review	60d	03-Feb-22	03-May-22	167d
DG-RS-1740	Design - SIG - Gate 2 - Internal Review	15d	04-May-22	24-May-22	167d
DG-RS-1760	Design - SIG - Gate 2 - Incorporation of Internal Review Comments & Submission for External	15d	25-May-22	14-Jun-22	167d
DG-RS-1780	Design - SIG - Gate 2 - External Review - IV State Goldlinq	15d	15-Jun-22	05-Jul-22	167d
DG-RS-1800	Design - SIG - Gate 2 - Respond and close out Gate 2 Comments	15d	06-Jul-22	26-Jul-22	167d
AFC Design Gate 3		25d	27-Jul-22	31-Aug-22	167d
DG-4-1371	Design - SIG - Gate 3 - Update Gate 3 design	10d	27-Jul-22	09-Aug-22	167d
DG-4-1391	Design - SIG - Gate 3 - Issue Gate 3 Design	0d		09-Aug-22	167d

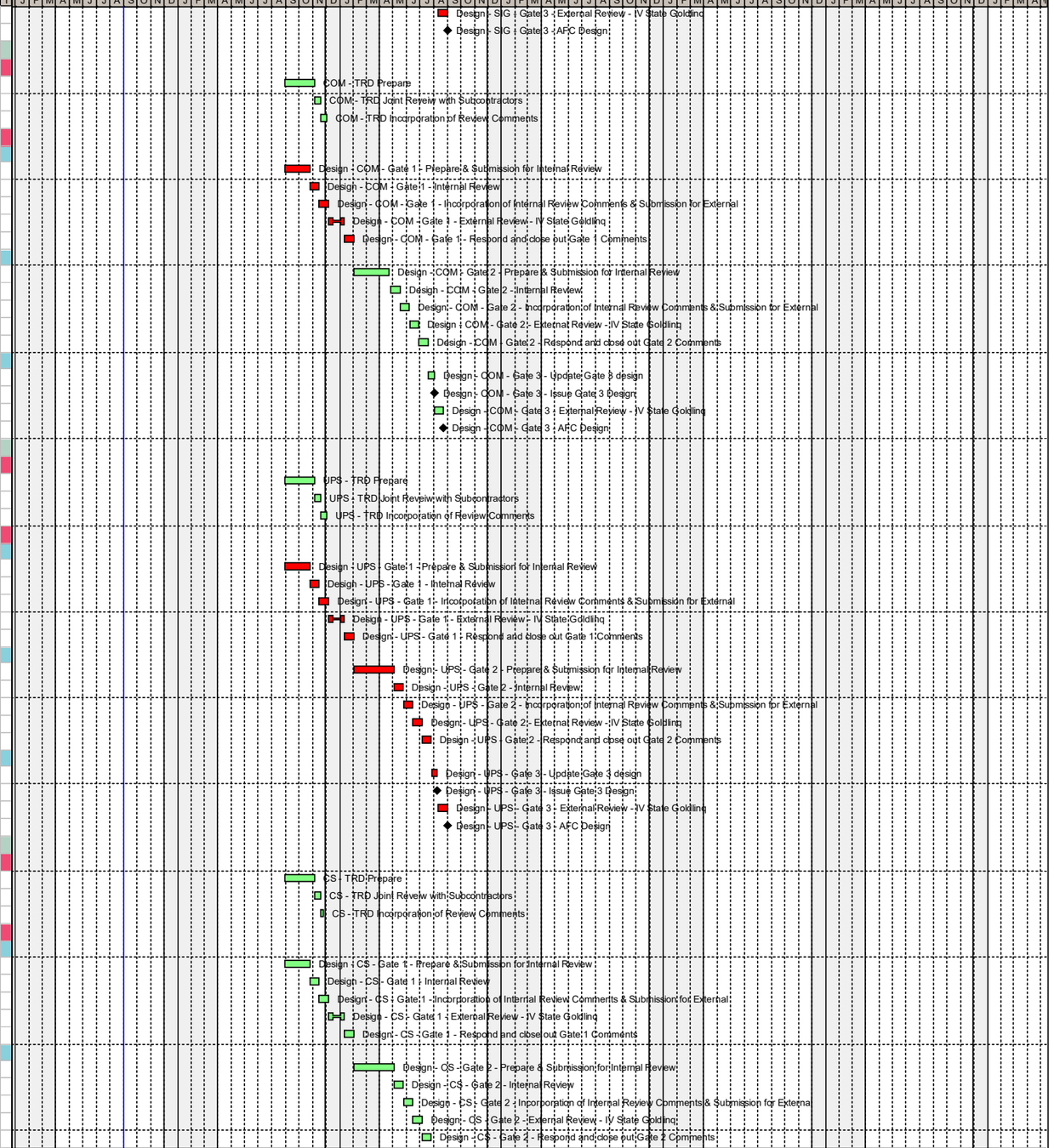


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-4-1411	Design - SIG - Gate 3 - External Review - IV State Goldlinq	15d	10-Aug-22	31-Aug-22	167d
DG-4-1431	Design - SIG - Gate 3 - AFC Design	0d		31-Aug-22	167d
Communication		240d	30-Aug-21	23-Aug-22	315d
Communication (TRD)		68d	30-Aug-21	02-Dec-21	436d
DG-RS-1840	COM - TRD Prepare	48d	30-Aug-21	04-Nov-21	436d
DG-RS-1860	COM - TRD Joint Reveiw with Subcontractors	10d	05-Nov-21	18-Nov-21	436d
DG-RS-1880	COM - TRD Incorporation of Review Comments	10d	19-Nov-21	02-Dec-21	436d
Communication (Design)		240d	30-Aug-21	23-Aug-22	315d
Design Development Gate 1		100d	30-Aug-21	02-Feb-22	315d
DG-RS-1900	Design - COM - Gate 1 - Prepare & Submission for Internal Review	40d	30-Aug-21	25-Oct-21	315d
DG-RS-1920	Design - COM - Gate 1 - Internal Review	15d	26-Oct-21	15-Nov-21	315d
DG-RS-1940	Design - COM - Gate 1 - Incorporation of Internal Review Comments & Submission for External	15d	16-Nov-21	06-Dec-21	315d
DG-RS-1960	Design - COM - Gate 1 - External Review - IV State Goldlinq	15d	07-Dec-21	11-Jan-22	315d
DG-RS-1980	Design - COM - Gate 1 - Respond and close out Gate 1 Comments	15d	12-Jan-22	02-Feb-22	315d
Design Development Gate 2		115d	03-Feb-22	19-Jul-22	315d
DG-RS-2020	Design - COM - Gate 2 - Prepare & Submission for Internal Review	55d	03-Feb-22	22-Apr-22	315d
DG-RS-2040	Design - COM - Gate 2 - Internal Review	15d	26-Apr-22	17-May-22	315d
DG-RS-2060	Design - COM - Gate 2 - Incorporation of Internal Review Comments & Submission for External	15d	18-May-22	07-Jun-22	315d
DG-RS-2080	Design - COM - Gate 2 - External Review - IV State Goldlinq	15d	08-Jun-22	28-Jun-22	315d
DG-RS-2100	Design - COM - Gate 2 - Respond and close out Gate 2 Comments	15d	29-Jun-22	19-Jul-22	315d
AFC Design Gate 3		25d	20-Jul-22	23-Aug-22	315d
DG-4-1451	Design - COM - Gate 3 - Update Gate 3 design	10d	20-Jul-22	02-Aug-22	315d
DG-4-1471	Design - COM - Gate 3 - Issue Gate 3 Design	0d		02-Aug-22	315d
DG-4-1491	Design - COM - Gate 3 - External Review - IV State Goldlinq	15d	03-Aug-22	23-Aug-22	315d
DG-4-1511	Design - COM - Gate 3 - AFC Design	0d		23-Aug-22	315d
UPS Systems		245d	30-Aug-21	31-Aug-22	310d
UPS Systems (TRD)		68d	30-Aug-21	02-Dec-21	436d
DG-RS-2140	UPS - TRD Prepare	48d	30-Aug-21	04-Nov-21	436d
DG-RS-2160	UPS - TRD Joint Reveiw with Subcontractors	10d	05-Nov-21	18-Nov-21	436d
DG-RS-2180	UPS - TRD Incorporation of Review Comments	10d	19-Nov-21	02-Dec-21	436d
UPS Systems (Design)		245d	30-Aug-21	31-Aug-22	310d
Design Development Gate 1		100d	30-Aug-21	02-Feb-22	310d
DG-RS-2200	Design - UPS - Gate 1 - Prepare & Submission for Internal Review	40d	30-Aug-21	25-Oct-21	310d
DG-RS-2220	Design - UPS - Gate 1 - Internal Review	15d	26-Oct-21	15-Nov-21	310d
DG-RS-2240	Design - UPS - Gate 1 - Incorporation of Internal Review Comments & Submission for External	15d	16-Nov-21	06-Dec-21	310d
DG-RS-2260	Design - UPS - Gate 1 - External Review - IV State Goldlinq	15d	07-Dec-21	11-Jan-22	310d
DG-RS-2280	Design - UPS - Gate 1 - Respond and close out Gate 1 Comments	15d	12-Jan-22	02-Feb-22	310d
Design Development Gate 2		120d	03-Feb-22	26-Jul-22	310d
DG-RS-2320	Design - UPS - Gate 2 - Prepare & Submission for Internal Review	60d	03-Feb-22	03-May-22	310d
DG-RS-2340	Design - UPS - Gate 2 - Internal Review	15d	04-May-22	24-May-22	310d
DG-RS-2360	Design - UPS - Gate 2 - Incorporation of Internal Review Comments & Submission for External	15d	25-May-22	14-Jun-22	310d
DG-RS-2380	Design - UPS - Gate 2 - External Review - IV State Goldlinq	15d	15-Jun-22	05-Jul-22	310d
DG-RS-2400	Design - UPS - Gate 2 - Respond and close out Gate 2 Comments	15d	06-Jul-22	26-Jul-22	310d
AFC Design Gate 3		25d	27-Jul-22	31-Aug-22	310d
DG-4-1531	Design - UPS - Gate 3 - Update Gate 3 design	10d	27-Jul-22	09-Aug-22	310d
DG-4-1551	Design - UPS - Gate 3 - Issue Gate 3 Design	0d		09-Aug-22	310d
DG-4-1571	Design - UPS - Gate 3 - External Review - IV State Goldlinq	15d	10-Aug-22	31-Aug-22	310d
DG-4-1591	Design - UPS - Gate 3 - AFC Design	0d		31-Aug-22	310d
Control Systems		500d	30-Aug-21	15-Sep-23	207d
Control Systems (TRD)		63d	30-Aug-21	25-Nov-21	338d
DG-RS-2440	CS - TRD Prepare	48d	30-Aug-21	04-Nov-21	338d
DG-RS-2460	CS - TRD Joint Reveiw with Subcontractors	10d	05-Nov-21	18-Nov-21	338d
DG-RS-2480	CS - TRD Incorporation of Review Comments	5d	19-Nov-21	25-Nov-21	338d
Control Systems (Design)		245d	30-Aug-21	31-Aug-22	207d
Design Development Gate 1		100d	30-Aug-21	02-Feb-22	207d
DG-RS-2500	Design - CS - Gate 1 - Prepare & Submiission for Internal Review	40d	30-Aug-21	25-Oct-21	207d
DG-RS-2520	Design - CS - Gate 1 - Internal Review	15d	26-Oct-21	15-Nov-21	207d
DG-RS-2540	Design - CS - Gate 1 - Incorporation of Internal Review Comments & Submission for External	15d	16-Nov-21	06-Dec-21	207d
DG-RS-2560	Design - CS - Gate 1 - External Review - IV State Goldlinq	15d	07-Dec-21	11-Jan-22	207d
DG-RS-2580	Design - CS - Gate 1 - Respond and close out Gate 1 Comments	15d	12-Jan-22	02-Feb-22	207d
Design Development Gate 2		120d	03-Feb-22	26-Jul-22	207d
DG-RS-2620	Design - CS - Gate 2 - Prepare & Submission for Internal Review	60d	03-Feb-22	03-May-22	207d
DG-RS-2640	Design - CS - Gate 2 - Internal Review	15d	04-May-22	24-May-22	207d
DG-RS-2660	Design - CS - Gate 2 - Incorporation of Internal Review Comments & Submission for External	15d	25-May-22	14-Jun-22	207d
DG-RS-2680	Design - CS - Gate 2 - External Review - IV State Goldlinq	15d	15-Jun-22	05-Jul-22	207d
DG-RS-2700	Design - CS - Gate 2 - Respond and close out Gate 2 Comments	15d	06-Jul-22	26-Jul-22	207d

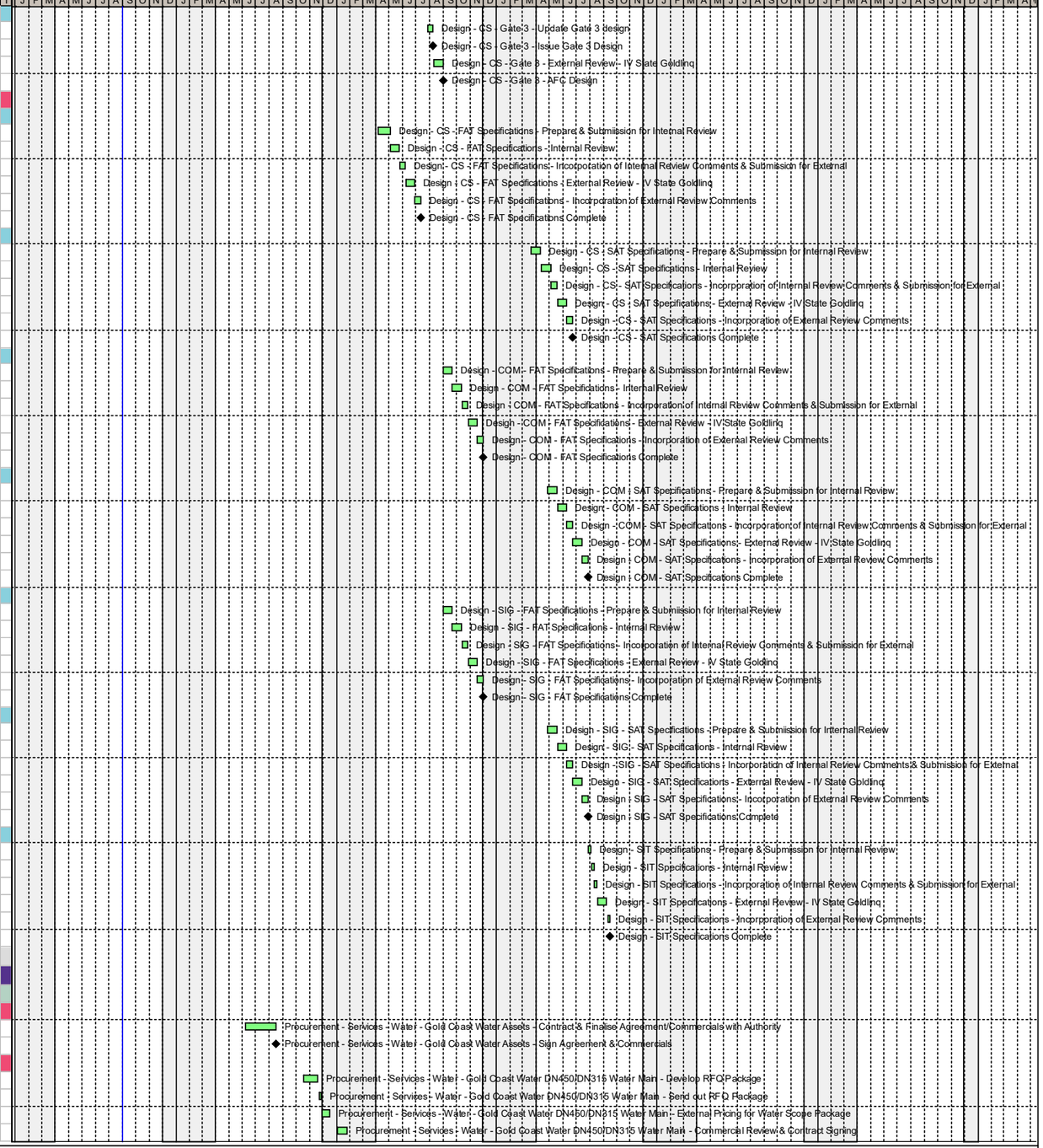


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
AFC Design Gate 3		25d	27-Jul-22	31-Aug-22	207d	
DG-RS-1611	Design - CS - Gate 3 - Update Gate 3 design	10d	27-Jul-22	09-Aug-22	207d	
DG-RS-1631	Design - CS - Gate 3 - Issue Gate 3 Design	0d		09-Aug-22	207d	
DG-RS-1651	Design - CS - Gate 3 - External Review - IV State Goldlinq	15d	10-Aug-22	31-Aug-22	207d	
DG-RS-1671	Design - CS - Gate 3 - AFC Design	0d		31-Aug-22	207d	
Test Specifications		355d	07-Apr-22	15-Sep-23	207d	
Control System FAT		65d	07-Apr-22	12-Jul-22	307d	
DG-RS-2740	Design - CS - FAT Specifications - Prepare & Submiission for Internal Review	15d	07-Apr-22	03-May-22	307d	
DG-RS-2760	Design - CS - FAT Specifications - Internal Review	15d	04-May-22	24-May-22	307d	
DG-RS-2780	Design - CS - FAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	25-May-22	07-Jun-22	307d	
DG-RS-2800	Design - CS - FAT Specifications - External Review - IV State Goldlinq	15d	08-Jun-22	28-Jun-22	307d	
DG-RS-2820	Design - CS - FAT Specifications - Incorporation of External Review Comments	10d	29-Jun-22	12-Jul-22	307d	
DG-RS-2840	Design - CS - FAT Specifications Complete	0d		12-Jul-22	307d	
Control System SAT		65d	20-Mar-23	22-Jun-23	232d	
DG-RS-2860	Design - CS - SAT Specifications - Prepare & Submiission for Internal Review	15d	20-Mar-23	11-Apr-23	232d	
DG-RS-2880	Design - CS - SAT Specifications - Internal Review	15d	12-Apr-23	04-May-23	232d	
DG-RS-2900	Design - CS - SAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	05-May-23	18-May-23	232d	
DG-RS-2920	Design - CS - SAT Specifications - External Review - IV State Goldlinq	15d	19-May-23	08-Jun-23	232d	
DG-RS-2940	Design - CS - SAT Specifications - Incorporation of External Review Comments	10d	09-Jun-23	22-Jun-23	232d	
DG-RS-2960	Design - CS - SAT Specifications Complete	0d		22-Jun-23	232d	
Communication System FAT		65d	01-Sep-22	01-Dec-22	207d	
DG-RS-3000	Design - COM - FAT Specifications - Prepare & Submiission for Internal Review	15d	01-Sep-22	21-Sep-22	207d	
DG-RS-3020	Design - COM - FAT Specifications - Internal Review	15d	22-Sep-22	13-Oct-22	207d	
DG-RS-3040	Design - COM - FAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	14-Oct-22	27-Oct-22	207d	
DG-RS-3060	Design - COM - FAT Specifications - External Review - IV State Goldlinq	15d	28-Oct-22	17-Nov-22	207d	
DG-RS-3080	Design - COM - FAT Specifications - Incorporation of External Review Comments	10d	18-Nov-22	01-Dec-22	207d	
DG-RS-3100	Design - COM - FAT Specifications Complete	0d		01-Dec-22	207d	
Communication System SAT		65d	27-Apr-23	27-Jul-23	207d	
DG-RS-3120	Design - COM - SAT Specifications - Prepare & Submiission for Internal Review	15d	27-Apr-23	18-May-23	207d	
DG-RS-3140	Design - COM - SAT Specifications - Internal Review	15d	19-May-23	08-Jun-23	207d	
DG-RS-3160	Design - COM - SAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	09-Jun-23	22-Jun-23	207d	
DG-RS-3180	Design - COM - SAT Specifications - External Review - IV State Goldlinq	15d	23-Jun-23	13-Jul-23	207d	
DG-RS-3200	Design - COM - SAT Specifications - Incorporation of External Review Comments	10d	14-Jul-23	27-Jul-23	207d	
DG-RS-3220	Design - COM - SAT Specifications Complete	0d		27-Jul-23	207d	
Signalling System FAT		65d	01-Sep-22	01-Dec-22	207d	
DG-RS-3240	Design - SIG - FAT Specifications - Prepare & Submiission for Internal Review	15d	01-Sep-22	21-Sep-22	207d	
DG-RS-3260	Design - SIG - FAT Specifications - Internal Review	15d	22-Sep-22	13-Oct-22	207d	
DG-RS-3280	Design - SIG - FAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	14-Oct-22	27-Oct-22	207d	
DG-RS-3300	Design - SIG - FAT Specifications - External Review - IV State Goldlinq	15d	28-Oct-22	17-Nov-22	207d	
DG-RS-3320	Design - SIG - FAT Specifications - Incorporation of External Review Comments	10d	18-Nov-22	01-Dec-22	207d	
DG-RS-3340	Design - SIG - FAT Specifications Complete	0d		01-Dec-22	207d	
Signalling System SAT		65d	27-Apr-23	27-Jul-23	207d	
DG-RS-3360	Design - SIG - SAT Specifications - Prepare & Submiission for Internal Review	15d	27-Apr-23	18-May-23	207d	
DG-RS-3380	Design - SIG - SAT Specifications - Internal Review	15d	19-May-23	08-Jun-23	207d	
DG-RS-3400	Design - SIG - SAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	09-Jun-23	22-Jun-23	207d	
DG-RS-3420	Design - SIG - SAT Specifications - External Review - IV State Goldlinq	15d	23-Jun-23	13-Jul-23	207d	
DG-RS-3440	Design - SIG - SAT Specifications - Incorporation of External Review Comments	10d	14-Jul-23	27-Jul-23	207d	
DG-RS-3460	Design - SIG - SAT Specifications Complete	0d		27-Jul-23	207d	
SIT Specification		35d	28-Jul-23	15-Sep-23	207d	
DG-RS-3680	Design - SIT Specifications - Prepare & Submiission for Internal Review	5d	28-Jul-23	03-Aug-23	207d	
DG-RS-3690	Design - SIT Specifications - Internal Review	5d	04-Aug-23	10-Aug-23	207d	
DG-RS-3700	Design - SIT Specifications - Incorporation of Internal Review Comments & Submission for External	5d	11-Aug-23	17-Aug-23	207d	
DG-RS-3710	Design - SIT Specifications - External Review - IV State Goldlinq	15d	18-Aug-23	08-Sep-23	207d	
DG-RS-3720	Design - SIT Specifications - Incorporation of External Review Comments	5d	11-Sep-23	15-Sep-23	207d	
DG-RS-3730	Design - SIT Specifications Complete	0d		15-Sep-23	207d	
PROCUREMENT		1003d	08-Jun-21	16-Jul-25	38d	
Enabling Works - Service Authorities		424d	08-Jun-21	06-Mar-23	293d	
Procurement - Subcontract - Services - Water - Gold Coast Water		273d	08-Jun-21	19-Jul-22	4d	
Services Contract Agreement		50d	08-Jun-21	16-Aug-21	81d	
PR-SV-WT-1000	Procurement - Services - Water - Gold Coast Water Assets - Contract & Finalise Agreement/Commercials with Aut	50d	08-Jun-21	16-Aug-21	81d	
PR-SV-WT-1020	Procurement - Services - Water - Gold Coast Water Assets - Sign Agreement & Commercials	0d		16-Aug-21	81d	
DN450/DN315 Works Contract		181d	18-Oct-21	19-Jul-22	4d	
PR-SV-WT-1040	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - Develop RFQ Package	25d	18-Oct-21	19-Nov-21	39d	
PR-SV-WT-1060	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - Send out RFQ Package	5d	22-Nov-21	26-Nov-21	39d	
PR-SV-WT-1080	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - External Pricing for Water Scope	15d	29-Nov-21	17-Dec-21	39d	
PR-SV-WT-1100	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - Commercial Review & Contract S	15d	04-Jan-22	24-Jan-22	39d	

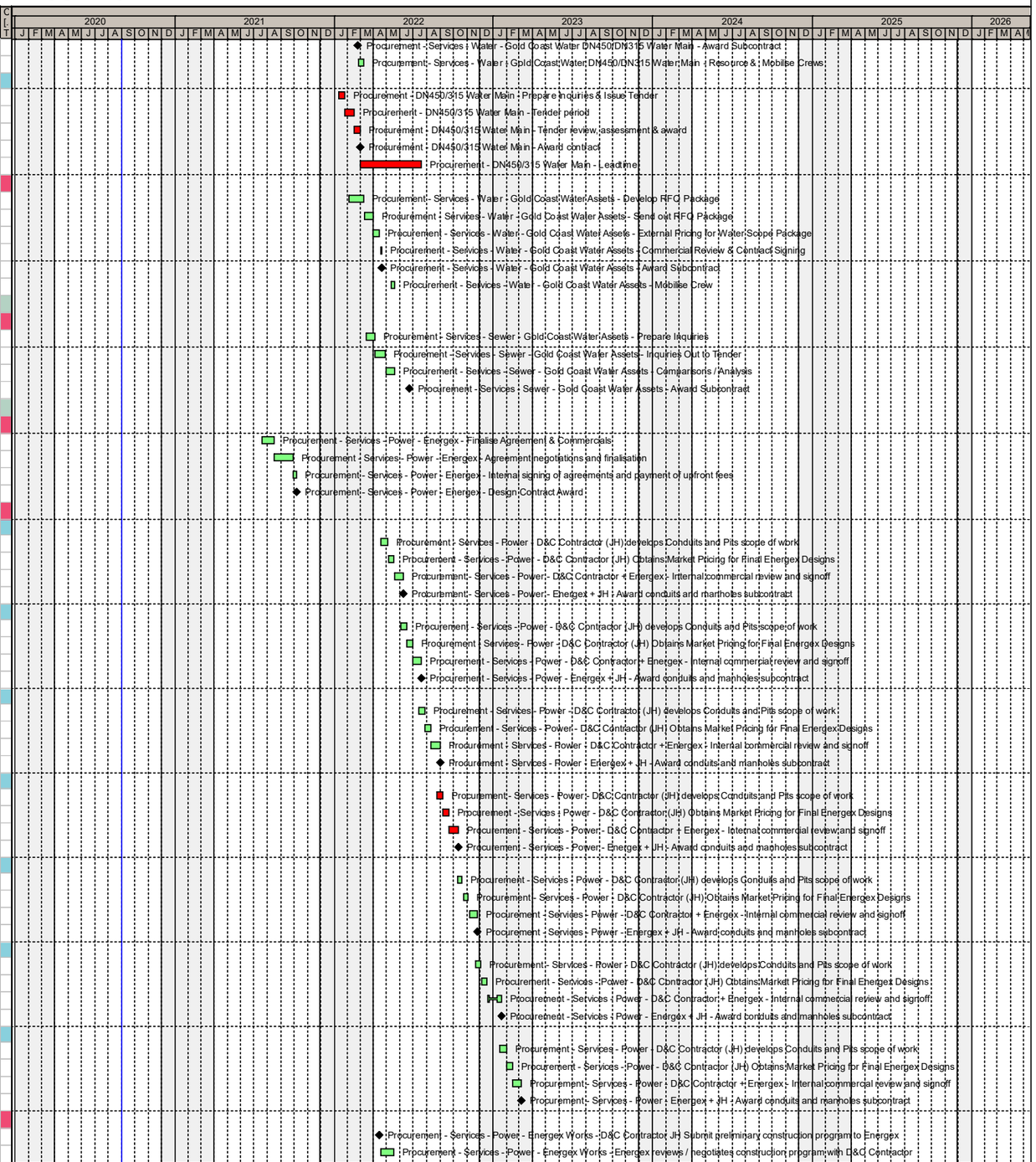


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C [T
PR-SV-WT-1120	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - Award Subcontract	0d		24-Feb-22	17d	
PR-SV-WT-1140	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - Resource & Mobilise Crews	10d	25-Feb-22	10-Mar-22	17d	
Water Main Leadtime		131d	11-Jan-22	19-Jul-22	4d	
PR-SV-WT-1160	Procurement - DN450/315 Water Main - Prepare Inquiries & Issue Tender	10d	11-Jan-22	24-Jan-22	4d	
PR-SV-WT-1180	Procurement - DN450/315 Water Main - Tender period	15d	25-Jan-22	15-Feb-22	4d	
PR-SV-WT-1200	Procurement - DN450/315 Water Main - Tender review, assessment & award	10d	16-Feb-22	01-Mar-22	4d	
PR-SV-WT-1220	Procurement - DN450/315 Water Main - Award contract	0d		01-Mar-22	4d	
PR-SV-WT-1240	Procurement - DN450/315 Water Main - Leadtime	140d	02-Mar-22	19-Jul-22	6d	
Contestable Works Contract		72d	04-Feb-22	20-May-22	22d	
PR-SV-WT-1260	Procurement - Services - Water - Gold Coast Water Assets - Develop RFQ Package	25d	04-Feb-22	10-Mar-22	36d	
PR-SV-WT-1280	Procurement - Services - Water - Gold Coast Water Assets - Send out RFQ Package	15d	11-Mar-22	31-Mar-22	36d	
PR-SV-WT-1300	Procurement - Services - Water - Gold Coast Water Assets - External Pricing for Water Scope Package	10d	01-Apr-22	14-Apr-22	36d	
PR-SV-WT-1320	Procurement - Services - Water - Gold Coast Water Assets - Commercial Review & Contract Signing	1d	19-Apr-22	19-Apr-22	36d	
PR-SV-WT-1340	Procurement - Services - Water - Gold Coast Water Assets - Award Subcontract	0d		19-Apr-22	36d	
PR-SV-WT-1360	Procurement - Services - Water - Gold Coast Water Assets - Mobilise Crew	10d	11-May-22	20-May-22	32d	
Procurement - Subcontract - Services - Sewer - Gold Coast Water		67d	15-Mar-22	21-Jun-22	31d	
Contestable Design		67d	15-Mar-22	21-Jun-22	31d	
PR-SV-SW-1040	Procurement - Services - Sewer - Gold Coast Water Assets - Prepare Inquiries	15d	15-Mar-22	04-Apr-22	53d	
PR-SV-SW-1060	Procurement - Services - Sewer - Gold Coast Water Assets - Inquiries Out to Tender	15d	05-Apr-22	28-Apr-22	53d	
PR-SV-SW-1080	Procurement - Services - Sewer - Gold Coast Water Assets - Comparisons / Analysis	15d	29-Apr-22	20-May-22	53d	
PR-SV-SW-1100	Procurement - Services - Sewer - Gold Coast Water Assets - Award Subcontract	0d		21-Jun-22	31d	
Procurement - Subcontract - Services - Electricity - Energex		394d	20-Jul-21	06-Mar-23	163d	
Energex Works Project Contract		55d	20-Jul-21	06-Oct-21	122d	
PR-SV-EG-0900	Procurement - Services - Power - Energex - Finalise Agreement & Commercials	20d	20-Jul-21	16-Aug-21	122d	
PR-SV-EG-0920	Procurement - Services - Power - Energex - Agreement negotiations and finalisation	30d	17-Aug-21	28-Sep-21	122d	
PR-SV-EG-0940	Procurement - Services - Power - Energex - Internal signing of agreements and payment of upfront fees	5d	29-Sep-21	06-Oct-21	122d	
PR-SV-EG-0960	Procurement - Services - Power - Energex - Design Contract Award	0d		06-Oct-21	122d	
Procurement - Energex Approved Panel of Subcontractors		215d	19-Apr-22	06-Mar-23	99d	
Package 1 - Energex Conduits and Pits		35d	19-Apr-22	08-Jun-22	90d	
PR-SV-EG-1000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	19-Apr-22	04-May-22	90d	
PR-SV-EG-1020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	05-May-22	18-May-22	90d	
PR-SV-EG-1040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	19-May-22	08-Jun-22	90d	
PR-SV-EG-1060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		08-Jun-22	90d	
Package 2 - Energex Conduits and Pits		35d	02-Jun-22	20-Jul-22	29d	
PR-SV-EG-2000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	02-Jun-22	15-Jun-22	29d	
PR-SV-EG-2020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	16-Jun-22	29-Jun-22	29d	
PR-SV-EG-2040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	30-Jun-22	20-Jul-22	29d	
PR-SV-EG-2060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		20-Jul-22	29d	
Package 3 - Energex Conduits and Pits		35d	14-Jul-22	01-Sep-22	58d	
PR-SV-EG-3000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	14-Jul-22	27-Jul-22	58d	
PR-SV-EG-3020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	28-Jul-22	10-Aug-22	58d	
PR-SV-EG-3040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	11-Aug-22	01-Sep-22	58d	
PR-SV-EG-3060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		01-Sep-22	58d	
Package 4 - Energex Conduits and Pits		34d	25-Aug-22	13-Oct-22	28d	
PR-SV-EG-4000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	9d	25-Aug-22	07-Sep-22	28d	
PR-SV-EG-4020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	08-Sep-22	21-Sep-22	28d	
PR-SV-EG-4040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	22-Sep-22	13-Oct-22	28d	
PR-SV-EG-4060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		13-Oct-22	28d	
Package 5 - Energex Conduits and Pits		35d	10-Oct-22	25-Nov-22	159d	
PR-SV-EG-5000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	10-Oct-22	21-Oct-22	159d	
PR-SV-EG-5020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	24-Oct-22	04-Nov-22	159d	
PR-SV-EG-5040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	07-Nov-22	25-Nov-22	159d	
PR-SV-EG-5060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		25-Nov-22	159d	
Package 6 - Energex Conduits and Pits		35d	21-Nov-22	20-Jan-23	76d	
PR-SV-EG-6000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	21-Nov-22	02-Dec-22	76d	
PR-SV-EG-6020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	05-Dec-22	16-Dec-22	76d	
PR-SV-EG-6040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	19-Dec-22	20-Jan-23	76d	
PR-SV-EG-6060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		20-Jan-23	76d	
Package 7 - Energex Conduits and Pits		35d	16-Jan-23	06-Mar-23	45d	
PR-SV-EG-7000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	16-Jan-23	30-Jan-23	45d	
PR-SV-EG-7020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	31-Jan-23	13-Feb-23	45d	
PR-SV-EG-7040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	14-Feb-23	06-Mar-23	45d	
PR-SV-EG-7060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		06-Mar-23	45d	
Energex - Programme of Works		90d	14-Apr-22	24-Aug-22	288d	
PR-SV-EG-2130	Procurement - Services - Power - Energex Works - D&C Contractor JH Submit preliminary construction program to	0d		14-Apr-22	95d	
PR-SV-EG-2120	Procurement - Services - Power - Energex Works - Energex reviews / negotiates construction program with D&C C	20d	19-Apr-22	18-May-22	95d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
PR-SV-EG-2100	Procurement - Services - Power - Energex Works - D&C Contractor submits final agreed program to Energex	10d	19-May-22	01-Jun-22	95d	
PR-SV-EG-2150	Procurement - Services - Power - Energex Works - Energex Programmes the works and allocates Resources (12	60d	02-Jun-22	24-Aug-22	288d	
Procurement - Subcontract - Services - Gas		257d	20-Jul-21	08-Aug-22	430d	
Services Contract Agreement		52d	20-Jul-21	30-Sep-21	169d	
PR-SV-GA-1000	Procurement - Services - Gas - APA - Finalise Agreement & Commercials	50d	20-Jul-21	28-Sep-21	169d	
PR-SV-GA-1020	Procurement - Services - Gas - APA - Agreement negotiations and finalisation	1d	29-Sep-21	29-Sep-21	169d	
PR-SV-GA-1040	Procurement - Services - Gas - APA - Internal signing of agreements and payment of upfront fees	1d	30-Sep-21	30-Sep-21	169d	
PR-SV-GA-1060	Procurement - Services - Gas - APA - Sign Agreement & Commercials	0d		30-Sep-21	169d	
Zone 1I & 1K Package		40d	14-Jun-22	08-Aug-22	430d	
PR-SV-GA-2020	Procurement - Services - Gas - APA - Quote & Agree Works Contract - 110PE (G-05-01 & G-07-01) 100-009, 100	40d	14-Jun-22	08-Aug-22	430d	
Supply of 1 x Capped PE100SDR11 Enveloper (By APA Gas)		0d	30-Sep-21	30-Sep-21	253d	
PR-SV-GA-1080	Procurement - Services - Gas - APA - 1 x Capped PE100SDR11 Enveloper (by APA Gas)	0d		30-Sep-21	253d	
Subcontract - Services - Communications		250d	20-Jul-21	28-Jul-22	158d	
Procurement - Subcontract - Services - Communications (Telstra)		173d	20-Jul-21	06-Apr-22	171d	
Telstra Services Contract Agreement		60d	20-Jul-21	13-Oct-21	113d	
PR-SV-TLS-1000	Services - Communications - Telstra - Finalise Agreement & Commercials	10d	20-Jul-21	02-Aug-21	113d	
PR-SV-TLS-1020	Services - Communications - Telstra - Agreement negotiations and finalisation	30d	03-Aug-21	14-Sep-21	113d	
PR-SV-TLS-1040	Services - Communications - Telstra - Internal signing of agreements and payment of upfront fees	20d	15-Sep-21	13-Oct-21	113d	
PR-SV-TLS-1060	Services - Communications - Telstra - Sign Agreement & Commercials	0d		13-Oct-21	113d	
Supply of Long Lead Cable Order		113d	14-Oct-21	06-Apr-22	171d	
PR-SV-TLS-1160	Supply of PE100 Communication Cable - Prepare Inquiries & Issue Tender	5d	14-Oct-21	20-Oct-21	161d	
PR-SV-TLS-1180	Supply of PE100 Communication Cable - Tender Period	15d	21-Oct-21	10-Nov-21	161d	
PR-SV-TLS-1200	Supply of PE100 Communication Cable - Tender Review, Assessment & Award	10d	11-Nov-21	24-Nov-21	161d	
PR-SV-TLS-1220	Supply of PE100 Communication Cable - Award Subcontract	0d		24-Nov-21	161d	
PR-SV-TLS-1240	Supply of PE100 Communication Cable - Leadtime (19w)	133d	25-Nov-21	06-Apr-22	247d	
Procurement - Subcontract - Services - Communications (NBN)		250d	20-Jul-21	28-Jul-22	158d	
Services Contract Agreement		80d	20-Jul-21	10-Nov-21	226d	
PR-SV-NB-1000	Services - Communications - NBN - Finalise Agreement & Commercials	20d	20-Jul-21	16-Aug-21	226d	
PR-SV-NB-1020	Services - Communications - NBN - Agreement negotiations and finalisation	40d	17-Aug-21	13-Oct-21	226d	
PR-SV-NB-1040	Services - Communications - NBN - Internal signing of agreements and payment of upfront fees	20d	14-Oct-21	10-Nov-21	226d	
PR-SV-NB-1060	Services - Communications - NBN - Sign Agreement	0d		10-Nov-21	226d	
NBN Works Contract		40d	03-Jun-22	28-Jul-22	158d	
PR-SV-NB-1080	Services - Communications - NBN - Quote & Agree Works Contract	40d	03-Jun-22	28-Jul-22	158d	
Procurement - Subcontract - Services - Communications (OPTUS)		188d	20-Jul-21	03-May-22	181d	
Services Contract Agreement		80d	20-Jul-21	10-Nov-21	249d	
PR-SV-OP-1000	Services - Communications - OPTUS - Finalise Agreement & Commercials	20d	20-Jul-21	16-Aug-21	249d	
PR-SV-OP-1020	Services - Communications - OPTUS - Agreement negotiations and finalisation	40d	17-Aug-21	13-Oct-21	249d	
PR-SV-OP-1040	Services - Communications - OPTUS - Internal signing of agreements and payment of upfront fees	20d	14-Oct-21	10-Nov-21	249d	
PR-SV-OP-1060	Services - Communications - OPTUS - Sign Agreement & Commercials	0d		10-Nov-21	249d	
OPTUS Works Contract		40d	03-Mar-22	03-May-22	181d	
PR-SV-OP-1080	Services - Communications - OPTUS - Quote & Agree Works Contract	40d	03-Mar-22	03-May-22	181d	
Procurement - Subcontract - Services - Communications (TPG)		188d	20-Jul-21	03-May-22	181d	
Services Contract Agreement		80d	20-Jul-21	10-Nov-21	249d	
PR-SV-TP-1000	Services - Communications - TPG - Finalise Agreement & Commercials	20d	20-Jul-21	16-Aug-21	249d	
PR-SV-TP-1020	Services - Communications - TPG - Agreement negotiations and finalisation	40d	17-Aug-21	13-Oct-21	249d	
PR-SV-TP-1040	Services - Communications - TPG - Internal signing of agreements and payment of upfront fees	20d	14-Oct-21	10-Nov-21	249d	
PR-SV-TP-1060	Services - Communications - TPG - Sign Agreement & Commercials	0d		10-Nov-21	249d	
TPG Works Contract		40d	03-Mar-22	03-May-22	181d	
PR-SV-TP-1080	Services - Communications - TPG - Quote & Agree Works Contract	40d	03-Mar-22	03-May-22	181d	
Enabling Works - Investigations (Services, Geotechnical & Dilapidation)		49d	08-Jun-21	16-Aug-21	132d	
Procurement - Subcontract - Condition Survey Consultant		49d	08-Jun-21	16-Aug-21	132d	
PR-CS-01000	Procurement - Condition Survey - Prepare Inquiries	10d	08-Jun-21	21-Jun-21	146d	
PR-CS-01010	Procurement - Condition Survey - Inquiries Out to Tender	10d	22-Jun-21	05-Jul-21	146d	
PR-CS-01020	Procurement - Condition Survey - Comparisons / Analysis	10d	06-Jul-21	19-Jul-21	146d	
PR-CS-01030	Procurement - Condition Survey - Award Subcontract	0d		19-Jul-21	146d	
PR-CS-01040	Procurement - Condition Survey - Mobilisation Period	5d	09-Aug-21	13-Aug-21	132d	
PR-CS-01050	Procurement - Condition Survey - Commence On-Site Inspections	0d	16-Aug-21		132d	
Procurement - General		459d	08-Jun-21	28-Apr-23	426d	
Procurement - Subcontract - Supply & Install Site Buildings		75d	08-Jun-21	22-Sep-21	81d	
PR-SB-01000	Procurement - Site Buildings - Prepare Inquiries	10d	08-Jun-21	21-Jun-21	96d	
PR-SB-01010	Procurement - Site Buildings - Inquiries Out to Tender	10d	22-Jun-21	05-Jul-21	96d	
PR-SB-01020	Procurement - Site Buildings - Comparisons / Analysis	10d	27-Jul-21	09-Aug-21	81d	
PR-SB-01030	Procurement - Site Buildings - Award Subcontract	0d		09-Aug-21	81d	
PR-SB-01040	Procurement - Site Buildings - Mobilisation / Fabrication Period	30d	10-Aug-21	21-Sep-21	81d	
PR-SB-01050	Procurement - Site Buildings - Commence On-Site Install	0d	22-Sep-21		81d	
Procurement - Subcontract - Landscape Install		259d	04-Apr-22	28-Apr-23	426d	



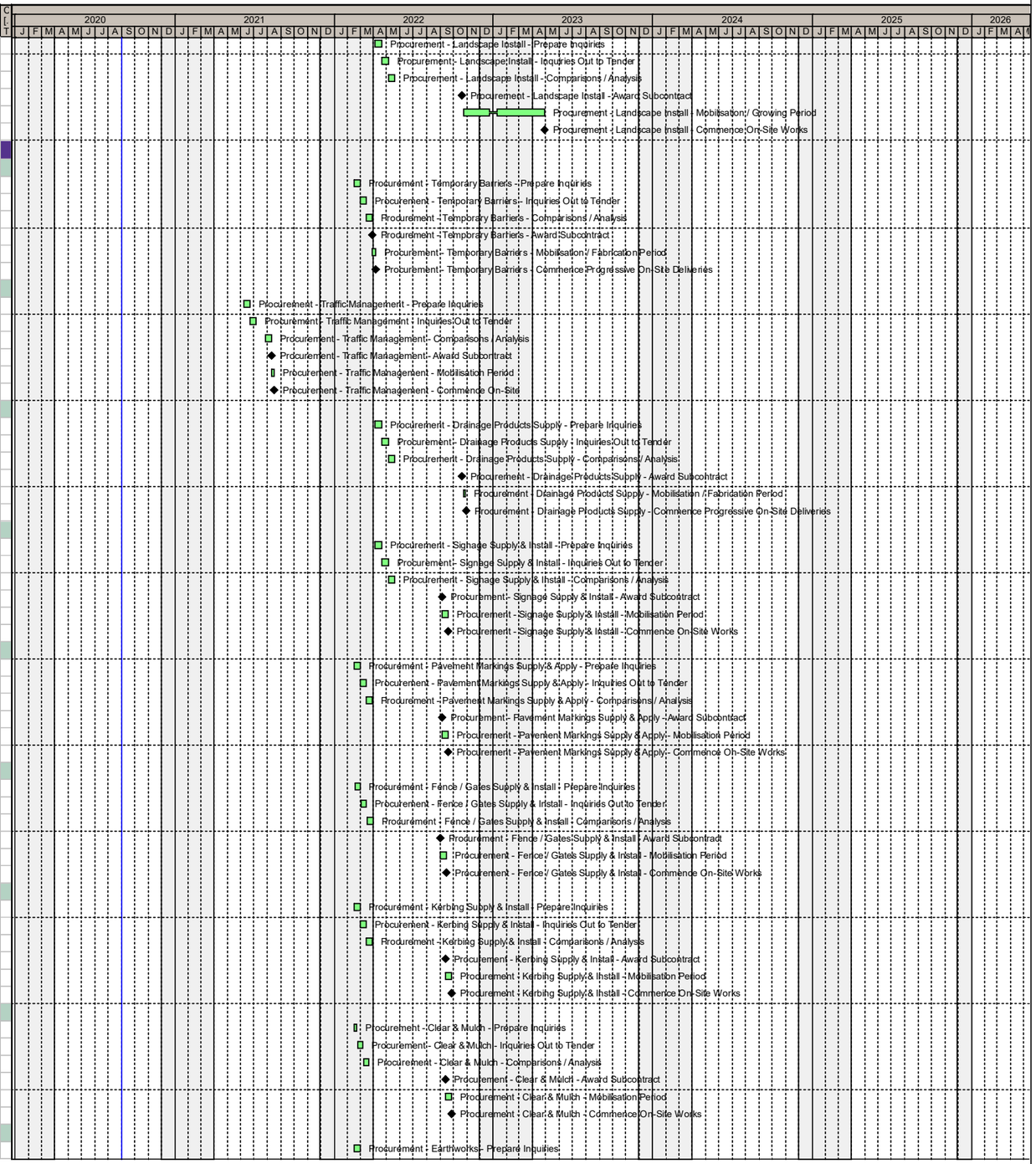
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
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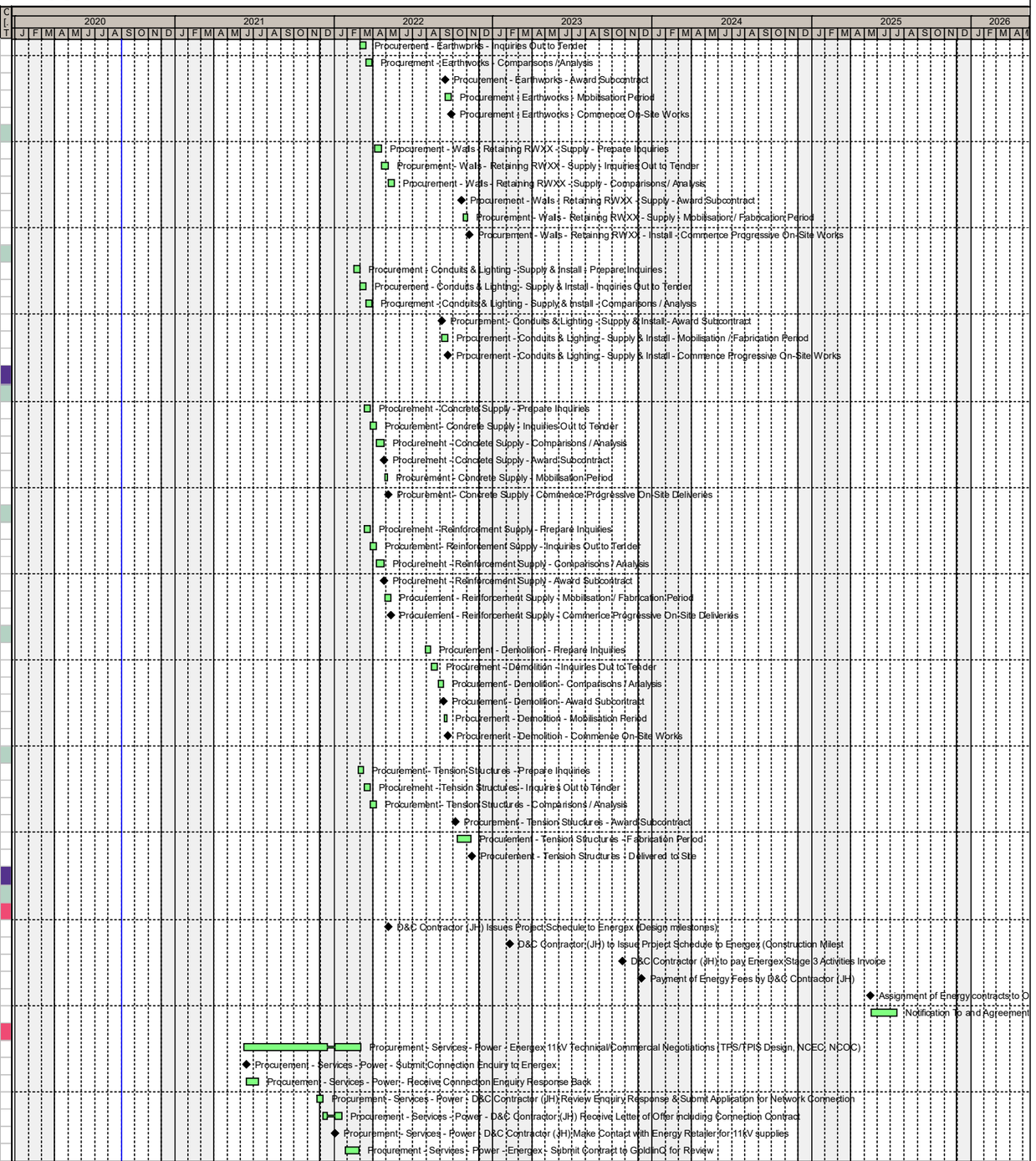
210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PR-LS-1000	Procurement - Landscape Install - Prepare Inquiries	10d	04-Apr-22	19-Apr-22	535d
PR-LS-1020	Procurement - Landscape Install - Inquiries Out to Tender	10d	20-Apr-22	05-May-22	535d
PR-LS-1040	Procurement - Landscape Install - Comparisons / Analysis	10d	06-May-22	19-May-22	535d
PR-LS-1060	Procurement - Landscape Install - Award Subcontract	0d		21-Oct-22	426d
PR-LS-1080	Procurement - Landscape Install - Mobilisation / Growing Period	120d	24-Oct-22	27-Apr-23	426d
PR-LS-1100	Procurement - Landscape Install - Commence On-Site Works	0d	28-Apr-23		426d
Procurement - Civil Works		349d	08-Jun-21	07-Nov-22	425d
Procurement - Subcontract - Supply & Deliver - Temporary Barriers		35d	16-Feb-22	06-Apr-22	201d
PR-TB-01000	Procurement - Temporary Barriers - Prepare Inquiries	10d	16-Feb-22	01-Mar-22	201d
PR-TB-01010	Procurement - Temporary Barriers - Inquiries Out to Tender	10d	02-Mar-22	15-Mar-22	201d
PR-TB-01020	Procurement - Temporary Barriers - Comparisons / Analysis	10d	16-Mar-22	29-Mar-22	201d
PR-TB-01030	Procurement - Temporary Barriers - Award Subcontract	0d		29-Mar-22	201d
PR-TB-01040	Procurement - Temporary Barriers - Mobilisation / Fabrication Period	5d	30-Mar-22	05-Apr-22	201d
PR-TB-01050	Procurement - Temporary Barriers - Commence Progressive On-Site Deliveries	0d	06-Apr-22		201d
Procurement - Subcontract - Supply - Traffic Management Services		50d	08-Jun-21	17-Aug-21	151d
PR-TM-01000	Procurement - Traffic Management - Prepare Inquiries	10d	08-Jun-21	21-Jun-21	166d
PR-TM-01010	Procurement - Traffic Management - Inquiries Out to Tender	10d	22-Jun-21	05-Jul-21	166d
PR-TM-01020	Procurement - Traffic Management - Comparisons / Analysis	10d	27-Jul-21	09-Aug-21	151d
PR-TM-01030	Procurement - Traffic Management - Award Subcontract	0d		09-Aug-21	151d
PR-TM-01040	Procurement - Traffic Management - Mobilisation Period	5d	10-Aug-21	16-Aug-21	151d
PR-TM-01050	Procurement - Traffic Management - Commence On-Site	0d	17-Aug-21		151d
Procurement - Subcontract - Supply & Deliver - Drainage Products		144d	04-Apr-22	31-Oct-22	173d
PR-DP-02000	Procurement - Drainage Products Supply - Prepare Inquiries	10d	04-Apr-22	19-Apr-22	282d
PR-DP-02010	Procurement - Drainage Products Supply - Inquiries Out to Tender	10d	20-Apr-22	05-May-22	282d
PR-DP-02020	Procurement - Drainage Products Supply - Comparisons / Analysis	10d	06-May-22	19-May-22	282d
PR-DP-02030	Procurement - Drainage Products Supply - Award Subcontract	0d		21-Oct-22	173d
PR-DP-02040	Procurement - Drainage Products Supply - Mobilisation / Fabrication Period	5d	24-Oct-22	28-Oct-22	173d
PR-DP-02050	Procurement - Drainage Products Supply - Commence Progressive On-Site Deliveries	0d	31-Oct-22		173d
Procurement - Subcontract - Supply & Install - Signage		116d	04-Apr-22	20-Sep-22	147d
PR-SI-1000	Procurement - Signage Supply & Install - Prepare Inquiries	10d	04-Apr-22	19-Apr-22	223d
PR-SI-1020	Procurement - Signage Supply & Install - Inquiries Out to Tender	10d	20-Apr-22	05-May-22	223d
PR-SI-1040	Procurement - Signage Supply & Install - Comparisons / Analysis	10d	06-May-22	19-May-22	223d
PR-SI-1060	Procurement - Signage Supply & Install - Award Subcontract	0d		05-Sep-22	147d
PR-SI-1080	Procurement - Signage Supply & Install - Mobilisation Period	10d	06-Sep-22	19-Sep-22	147d
PR-SI-1100	Procurement - Signage Supply & Install - Commence On-Site Works	0d	20-Sep-22		147d
Procurement - Subcontract - Supply & Apply - Pavement Markings		149d	16-Feb-22	20-Sep-22	147d
PR-PM-01000	Procurement - Pavement Markings Supply & Apply - Prepare Inquiries	10d	16-Feb-22	01-Mar-22	256d
PR-PM-01010	Procurement - Pavement Markings Supply & Apply - Inquiries Out to Tender	10d	02-Mar-22	15-Mar-22	256d
PR-PM-01020	Procurement - Pavement Markings Supply & Apply - Comparisons / Analysis	10d	16-Mar-22	29-Mar-22	256d
PR-PM-01030	Procurement - Pavement Markings Supply & Apply - Award Subcontract	0d		05-Sep-22	147d
PR-PM-01040	Procurement - Pavement Markings Supply & Apply - Mobilisation Period	10d	06-Sep-22	19-Sep-22	147d
PR-PM-01050	Procurement - Pavement Markings Supply & Apply - Commence On-Site Works	0d	20-Sep-22		147d
Procurement - Subcontract - Supply & Install - Fences & Gates		146d	17-Feb-22	16-Sep-22	356d
PR-FG-01000	Procurement - Fence / Gates Supply & Install - Prepare Inquiries	10d	17-Feb-22	02-Mar-22	462d
PR-FG-01010	Procurement - Fence / Gates Supply & Install - Inquiries Out to Tender	10d	03-Mar-22	16-Mar-22	462d
PR-FG-01020	Procurement - Fence / Gates Supply & Install - Comparisons / Analysis	10d	17-Mar-22	30-Mar-22	462d
PR-FG-01030	Procurement - Fence / Gates Supply & Install - Award Subcontract	0d		01-Sep-22	356d
PR-FG-01040	Procurement - Fence / Gates Supply & Install - Mobilisation Period	10d	02-Sep-22	15-Sep-22	356d
PR-FG-01050	Procurement - Fence / Gates Supply & Install - Commence On-Site Works	0d	16-Sep-22		356d
Procurement - Subcontract - Supply & Install - Kerbing		154d	16-Feb-22	27-Sep-22	63d
PR-KB-01000	Procurement - Kerbing Supply & Install - Prepare Inquiries	10d	16-Feb-22	01-Mar-22	177d
PR-KB-01010	Procurement - Kerbing Supply & Install - Inquiries Out to Tender	10d	02-Mar-22	15-Mar-22	177d
PR-KB-01020	Procurement - Kerbing Supply & Install - Comparisons / Analysis	10d	16-Mar-22	29-Mar-22	177d
PR-KB-01030	Procurement - Kerbing Supply & Install - Award Subcontract	0d		12-Sep-22	63d
PR-KB-01040	Procurement - Kerbing Supply & Install - Mobilisation Period	10d	13-Sep-22	26-Sep-22	63d
PR-KB-01050	Procurement - Kerbing Supply & Install - Commence On-Site Works	0d	27-Sep-22		63d
Procurement - Subcontract - Clear & Mulch		154d	16-Feb-22	27-Sep-22	82d
PR-CM-01000	Procurement - Clear & Mulch - Prepare Inquiries	5d	16-Feb-22	22-Feb-22	201d
PR-CM-01010	Procurement - Clear & Mulch - Inquiries Out to Tender	10d	23-Feb-22	08-Mar-22	201d
PR-CM-01020	Procurement - Clear & Mulch - Comparisons / Analysis	10d	09-Mar-22	22-Mar-22	201d
PR-CM-01030	Procurement - Clear & Mulch - Award Subcontract	0d		12-Sep-22	82d
PR-CM-01040	Procurement - Clear & Mulch - Mobilisation Period	10d	13-Sep-22	26-Sep-22	82d
PR-CM-01050	Procurement - Clear & Mulch - Commence On-Site Works	0d	27-Sep-22		82d
Procurement - Subcontract - Earthworks		154d	16-Feb-22	27-Sep-22	84d
PR-EW-01000	Procurement - Earthworks - Prepare Inquiries	10d	16-Feb-22	01-Mar-22	198d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PR-EW-01010	Procurement - Earthworks - Inquiries Out to Tender	10d	02-Mar-22	15-Mar-22	198d
PR-EW-01020	Procurement - Earthworks - Comparisons / Analysis	10d	16-Mar-22	29-Mar-22	198d
PR-EW-01030	Procurement - Earthworks - Award Subcontract	0d		12-Sep-22	84d
PR-EW-01040	Procurement - Earthworks - Mobilisation Period	10d	13-Sep-22	26-Sep-22	84d
PR-EW-01050	Procurement - Earthworks - Commence On-Site Works	0d	27-Sep-22		84d
Procurement - Subcontract - Supply & Install - Retaining Walls		149d	04-Apr-22	07-Nov-22	425d
PR-RW-1000	Procurement - Walls - Retaining RWXX - Supply - Prepare Inquiries	10d	04-Apr-22	19-Apr-22	534d
PR-RW-1020	Procurement - Walls - Retaining RWXX - Supply - Inquiries Out to Tender	10d	20-Apr-22	05-May-22	534d
PR-RW-1040	Procurement - Walls - Retaining RWXX - Supply - Comparisons / Analysis	10d	06-May-22	19-May-22	534d
PR-RW-1060	Procurement - Walls - Retaining RWXX - Supply - Award Subcontract	0d		21-Oct-22	425d
PR-RW-1080	Procurement - Walls - Retaining RWXX - Supply - Mobilisation / Fabrication Period	10d	24-Oct-22	04-Nov-22	425d
PR-RW-1100	Procurement - Walls - Retaining RWXX - Install - Commence Progressive On-Site Works	0d	07-Nov-22		425d
Procurement - Subcontract - Supply & Install - Conduits & Lighting		149d	16-Feb-22	20-Sep-22	102d
PR-CL-01000	Procurement - Conduits & Lighting - Supply & Install - Prepare Inquiries	10d	16-Feb-22	01-Mar-22	211d
PR-CL-01010	Procurement - Conduits & Lighting - Supply & Install - Inquiries Out to Tender	10d	02-Mar-22	15-Mar-22	211d
PR-CL-01020	Procurement - Conduits & Lighting - Supply & Install - Comparisons / Analysis	10d	16-Mar-22	29-Mar-22	211d
PR-CL-01030	Procurement - Conduits & Lighting - Supply & Install - Award Subcontract	0d		05-Sep-22	102d
PR-CL-01040	Procurement - Conduits & Lighting - Supply & Install - Mobilisation / Fabrication Period	10d	06-Sep-22	19-Sep-22	102d
PR-CL-01050	Procurement - Conduits & Lighting - Supply & Install - Commence Progressive On-Site Works	0d	20-Sep-22		102d
Procurement - Structure Works		180d	25-Feb-22	14-Nov-22	363d
Procurement - Subcontract - Supply & Deliver - Concrete		35d	11-Mar-22	05-May-22	212d
PR-CO-01000	Procurement - Concrete Supply - Prepare Inquiries	10d	11-Mar-22	24-Mar-22	212d
PR-CO-01010	Procurement - Concrete Supply - Inquiries Out to Tender	10d	25-Mar-22	07-Apr-22	212d
PR-CO-01020	Procurement - Concrete Supply - Comparisons / Analysis	10d	08-Apr-22	26-Apr-22	212d
PR-CO-01030	Procurement - Concrete Supply - Award Subcontract	0d		26-Apr-22	212d
PR-CO-01040	Procurement - Concrete Supply - Mobilisation Period	5d	27-Apr-22	04-May-22	212d
PR-CO-01050	Procurement - Concrete Supply - Commence Progressive On-Site Deliveries	0d	05-May-22		212d
Procurement - Subcontract - Supply & Deliver - Reinforcement		40d	11-Mar-22	12-May-22	207d
PR-RB-01000	Procurement - Reinforcement Supply - Prepare Inquiries	10d	11-Mar-22	24-Mar-22	207d
PR-RB-01010	Procurement - Reinforcement Supply - Inquiries Out to Tender	10d	25-Mar-22	07-Apr-22	207d
PR-RB-01020	Procurement - Reinforcement Supply - Comparisons / Analysis	10d	08-Apr-22	26-Apr-22	207d
PR-RB-01030	Procurement - Reinforcement Supply - Award Subcontract	0d		26-Apr-22	207d
PR-RB-01040	Procurement - Reinforcement Supply - Mobilisation / Fabrication Period	10d	27-Apr-22	11-May-22	207d
PR-RB-01050	Procurement - Reinforcement Supply - Commence Progressive On-Site Deliveries	0d	12-May-22		207d
Procurement - Subcontract - Demolition		35d	29-Jul-22	19-Sep-22	129d
PR-DM-01000	Procurement - Demolition - Prepare Inquiries	10d	29-Jul-22	11-Aug-22	129d
PR-DM-01010	Procurement - Demolition - Inquiries Out to Tender	10d	12-Aug-22	25-Aug-22	129d
PR-DM-01020	Procurement - Demolition - Comparisons / Analysis	10d	29-Aug-22	09-Sep-22	129d
PR-DM-01030	Procurement - Demolition - Award Subcontract	0d		09-Sep-22	129d
PR-DM-01040	Procurement - Demolition - Mobilisation Period	5d	12-Sep-22	16-Sep-22	129d
PR-DM-01050	Procurement - Demolition - Commence On-Site Works	0d	19-Sep-22		129d
Procurement - Subcontract - Tension Structures		180d	25-Feb-22	14-Nov-22	363d
PR-TS-01000	Procurement - Tension Structures - Prepare Inquiries	10d	25-Feb-22	10-Mar-22	488d
PR-TS-01010	Procurement - Tension Structures - Inquiries Out to Tender	10d	11-Mar-22	24-Mar-22	488d
PR-TS-01020	Procurement - Tension Structures - Comparisons / Analysis	10d	25-Mar-22	07-Apr-22	488d
PR-TS-01030	Procurement - Tension Structures - Award Subcontract	0d		07-Oct-22	363d
PR-TS-01040	Procurement - Tension Structures - Fabrication Period	25d	10-Oct-22	11-Nov-22	363d
PR-TS-01050	Procurement - Tension Structures - Delivered to Site	0d	14-Nov-22		363d
Procurement - Energex 11kV Supply to TPS		1003d	08-Jun-21	16-Jul-25	38d
High Voltage Supply to Traction Power Substations		1003d	08-Jun-21	16-Jul-25	38d
Key Milestones		782d	06-May-22	16-Jul-25	38d
PR-SS-EG-2050	D&C Contractor (JH) Issues Project Schedule to Energex (Design milestones)	0d		06-May-22	67d
PR-SS-EG-2850	D&C Contractor (JH) to Issue Project Schedule to Energex (Construction Milest	0d		08-Feb-23	251d
PR-SS-EG-2830	D&C Contractor (JH) to pay Energex Stage 3 Activities Invoice	0d		25-Oct-23	98d
PR-SS-EG-2710	Payment of Energy Fees by D&C Contractor (JH)	0d		07-Dec-23	58d
PR-SS-EG-2750	Assignment of Energy contracts to O&M contractor	0d		16-May-25	39d
PR-SS-EG-2730	Notification To and Agreement by O&M Contractor of Assigning of Energy contracts	61d	17-May-25	16-Jul-25	55d
Energex		226d	08-Jun-21	13-May-22	115d
PR-SS-EG-1000	Procurement - Services - Power - Energex 11kV Technical/Commercial Negotiations (TPS/TPIS Design, NCEC, NC	180d	08-Jun-21	04-Mar-22	161d
PR-SS-EG-1020	Procurement - Services - Power - Submit Connection Enquiry to Energex	0d	15-Jun-21		161d
PR-SS-EG-2060	Procurement - Services - Power - Receive Connection Enquiry Response Back	20d	15-Jun-21	12-Jul-21	161d
PR-SS-EG-S009	Procurement - Services - Power - D&C Contractor (JH) Review Enquiry Response & Submit Application for Netwo	10d	23-Nov-21	06-Dec-21	68d
PR-SS-EG-2790	Procurement - Services - Power - D&C Contractor (JH) Receive Letter of Offer including Connection Contract	20d	07-Dec-21	18-Jan-22	68d
PR-SS-EG-2770	Procurement - Services - Power - D&C Contractor (JH) Make Contact with Energy Retailer for 11kV supplies	0d		04-Jan-22	78d
PR-SS-EG-2040	Procurement - Services - Power - Energex - Submit Contract to GoldinQ for Review	22d	28-Jan-22	28-Feb-22	62d



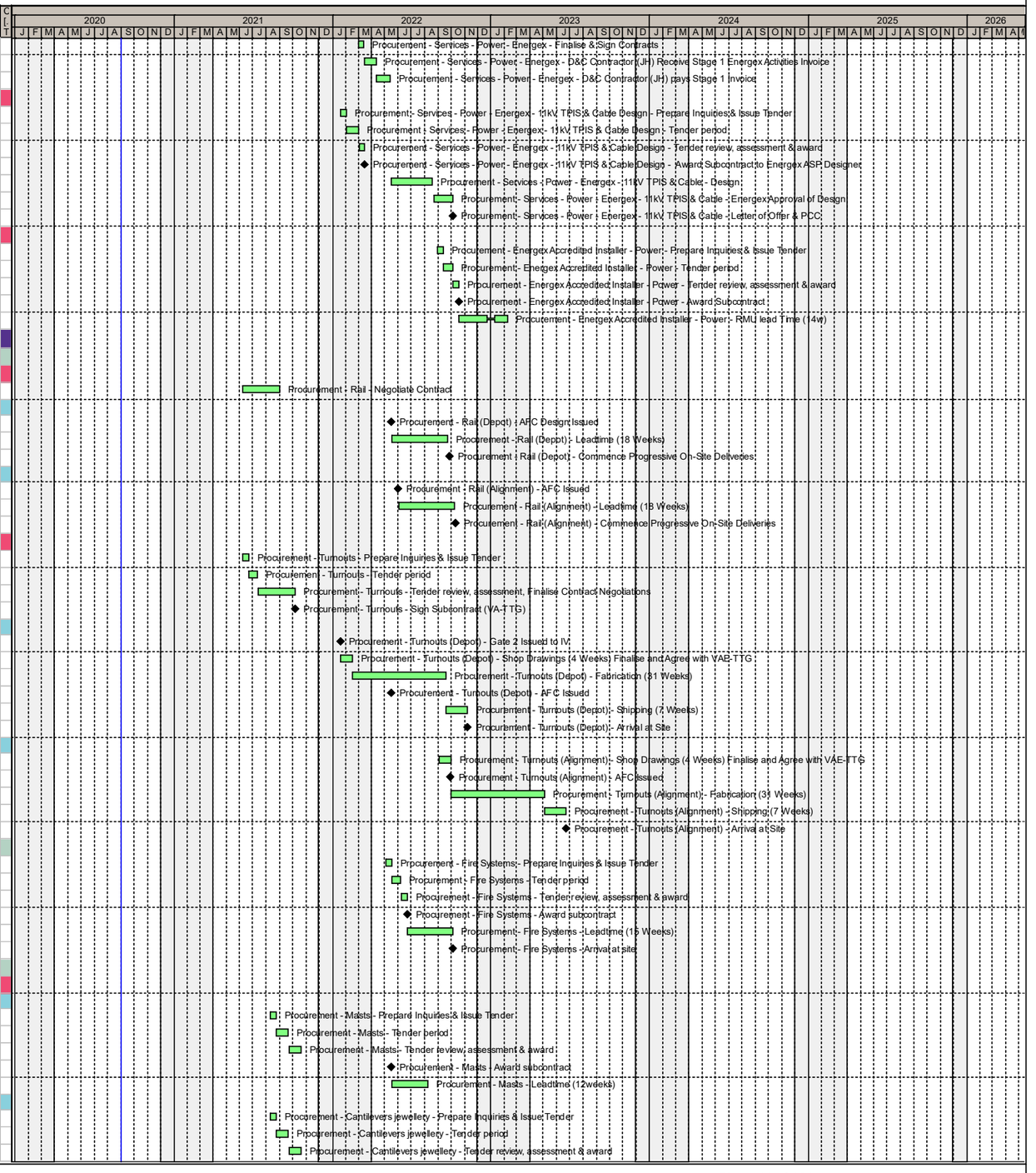
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
PR-SS-EG-2810	Procurement - Services - Power - Energex - Finalise & Sign Contracts	10d	01-Mar-22	14-Mar-22	62d	
PR-SS-EG-2870	Procurement - Services - Power - Energex - D&C Contractor (JH) Receive Stage 1 Energex Activities Invoice	20d	15-Mar-22	11-Apr-22	62d	
PR-SS-EG-2890	Procurement - Services - Power - Energex - D&C Contractor (JH) pays Stage 1 Invoice	20d	12-Apr-22	13-May-22	62d	
Energex ASP Designer - 11kV TPIS & Cable Design		178d	19-Jan-22	04-Oct-22	116d	
PR-SS-EG-2450	Procurement - Services - Power - Energex - 11kV TPIS & Cable Design - Prepare Inquiries & Issue Tender	10d	19-Jan-22	02-Feb-22	100d	
PR-SS-EG-2470	Procurement - Services - Power - Energex - 11kV TPIS & Cable Design - Tender period	20d	03-Feb-22	02-Mar-22	100d	
PR-SS-EG-2490	Procurement - Services - Power - Energex - 11kV TPIS & Cable Design - Tender review, assessment & award	10d	03-Mar-22	16-Mar-22	100d	
PR-SS-EG-2510	Procurement - Services - Power - Energex - 11kV TPIS & Cable Design - Award Subcontract to Energex ASP Des	0d		16-Mar-22	100d	
PR-SS-EG-2530	Procurement - Services - Power - Energex - 11kV TPIS & Cable - Design	70d	16-May-22	19-Aug-22	62d	
PR-SS-EG-2690	Procurement - Services - Power - Energex - 11kV TPIS & Cable - Energex Approval of Design	30d	22-Aug-22	04-Oct-22	116d	
PR-SS-EG-2631	Procurement - Services - Power - Energex - 11kV TPIS & Cable - Letter of Offer & PCC	0d		04-Oct-22	116d	
Energex Accredited Installer		105d	30-Aug-22	08-Feb-23	154d	
PR-SS-EG-2550	Procurement - Energex Accredited Installer - Power - Prepare Inquiries & Issue Tender	10d	30-Aug-22	12-Sep-22	154d	
PR-SS-EG-2570	Procurement - Energex Accredited Installer - Power - Tender period	15d	13-Sep-22	04-Oct-22	154d	
PR-SS-EG-2590	Procurement - Energex Accredited Installer - Power - Tender review, assessment & award	10d	05-Oct-22	18-Oct-22	154d	
PR-SS-EG-2610	Procurement - Energex Accredited Installer - Power - Award Subcontract	0d		18-Oct-22	154d	
PR-SS-EG-2630	Procurement - Energex Accredited Installer - Power - RMU lead Time (14w)	70d	19-Oct-22	08-Feb-23	154d	
Procurement - Rail Systems		499d	08-Jun-21	23-Jun-23	349d	
Procurement - Rail		499d	08-Jun-21	23-Jun-23	349d	
Rail		329d	08-Jun-21	10-Oct-22	184d	
PR-RS-7840	Procurement - Rail - Negotiate Contract	60d	08-Jun-21	31-Aug-21	363d	
Depot		93d	16-May-22	26-Sep-22	193d	
PR-RS-7900	Procurement - Rail (Depot) - AFC Design Issued	0d		16-May-22	196d	
PR-RS-7920	Procurement - Rail (Depot) - Leadtime (18 Weeks)	130d	17-May-22	23-Sep-22	293d	
PR-RS-8100	Procurement - Rail (Depot) - Commence Progressive On-Site Deliveries	0d	26-Sep-22		193d	
Alignment		90d	01-Jun-22	10-Oct-22	102d	
PR-RS-1060	Procurement - Rail (Alignment) - AFC Issued	0d		01-Jun-22	110d	
PR-RS-1080	Procurement - Rail (Alignment) - Leadtime (18 Weeks)	130d	02-Jun-22	09-Oct-22	157d	
PR-RS-1100	Procurement - Rail (Alignment) - Commence Progressive On-Site Deliveries	0d	10-Oct-22		102d	
Turnouts		499d	08-Jun-21	23-Jun-23	349d	
PR-RS-2000	Procurement - Turnouts - Prepare Inquiries & Issue Tender	10d	08-Jun-21	21-Jun-21	250d	
PR-RS-2020	Procurement - Turnouts - Tender period	15d	22-Jun-21	12-Jul-21	250d	
PR-RS-2040	Procurement - Turnouts - Tender review, assessment, Finalise Contract Negotiations	60d	13-Jul-21	06-Oct-21	250d	
PR-RS-2060	Procurement - Turnouts - Sign Subcontract (VA-TTG)	0d		06-Oct-21	250d	
Depot		203d	18-Jan-22	08-Nov-22	179d	
PR-RS-8260	Procurement - Turnouts (Depot) - Gate 2 Issued to IV	0d		18-Jan-22	187d	
PR-RS-8140	Procurement - Turnouts (Depot) - Shop Drawings (4 Weeks) Finalise and Agree with VAE-TTG	28d	19-Jan-22	15-Feb-22	272d	
PR-RS-8160	Procurement - Turnouts (Depot) - Fabrication (31 Weeks)	216d	16-Feb-22	19-Sep-22	272d	
PR-RS-8080	Procurement - Turnouts (Depot) - AFC Issued	0d		16-May-22	203d	
PR-RS-8180	Procurement - Turnouts (Depot) - Shipping (7 Weeks)	50d	20-Sep-22	08-Nov-22	272d	
PR-RS-2100	Procurement - Turnouts (Depot) - Arrival at Site	0d		08-Nov-22	272d	
Alignment		194d	03-Sep-22	23-Jun-23	349d	
PR-RS-8200	Procurement - Turnouts (Alignment) - Shop Drawings (4 Weeks) Finalise and Agree with VAE-TTG	28d	03-Sep-22	30-Sep-22	516d	
PR-RS-8120	Procurement - Turnouts (Alignment) - AFC Issued	0d		29-Sep-22	340d	
PR-RS-8220	Procurement - Turnouts (Alignment) - Fabrication (31 Weeks)	216d	01-Oct-22	04-May-23	516d	
PR-RS-8240	Procurement - Turnouts (Alignment) - Shipping (7 Weeks)	50d	05-May-23	23-Jun-23	516d	
PR-RS-8040	Procurement - Turnouts (Alignment) - Arrival at Site	0d		23-Jun-23	349d	
Procurement - Fire Systems		108d	04-May-22	04-Oct-22	228d	
PR-FS-1000	Procurement - Fire Systems - Prepare Inquiries & Issue Tender	10d	04-May-22	17-May-22	227d	
PR-FS-1020	Procurement - Fire Systems - Tender period	15d	18-May-22	07-Jun-22	227d	
PR-FS-1040	Procurement - Fire Systems - Tender review, assessment & award	10d	08-Jun-22	21-Jun-22	227d	
PR-FS-1060	Procurement - Fire Systems - Award subcontract	0d		21-Jun-22	227d	
PR-FS-1080	Procurement - Fire Systems - Leadtime (15 Weeks)	105d	22-Jun-22	04-Oct-22	342d	
PR-FS-1100	Procurement - Fire Systems - Arrival at site	0d		04-Oct-22	228d	
Procurement - OHW		367d	10-Aug-21	17-Feb-23	378d	
Depot		276d	10-Aug-21	27-Sep-22	250d	
OHW Masts		242d	10-Aug-21	08-Aug-22	276d	
PR-RS-7640	Procurement - Masts - Prepare Inquiries & Issue Tender	10d	10-Aug-21	23-Aug-21	409d	
PR-RS-7660	Procurement - Masts - Tender period	20d	24-Aug-21	21-Sep-21	409d	
PR-RS-7680	Procurement - Masts - Tender review, assessment & award	20d	22-Sep-21	20-Oct-21	409d	
PR-RS-7700	Procurement - Masts - Award subcontract	0d		16-May-22	277d	
PR-RS-7720	Procurement - Masts - Leadtime (12weeks)	84d	17-May-22	08-Aug-22	410d	
Cantilevers & Jewellery		276d	10-Aug-21	26-Sep-22	229d	
PR-RS-7600	Procurement - Cantilevers jewellery - Prepare Inquiries & Issue Tender	10d	10-Aug-21	23-Aug-21	362d	
PR-RS-7620	Procurement - Cantilevers jewellery - Tender period	20d	24-Aug-21	21-Sep-21	362d	
PR-RS-7520	Procurement - Cantilevers jewellery - Tender review, assessment & award	20d	22-Sep-21	20-Oct-21	362d	



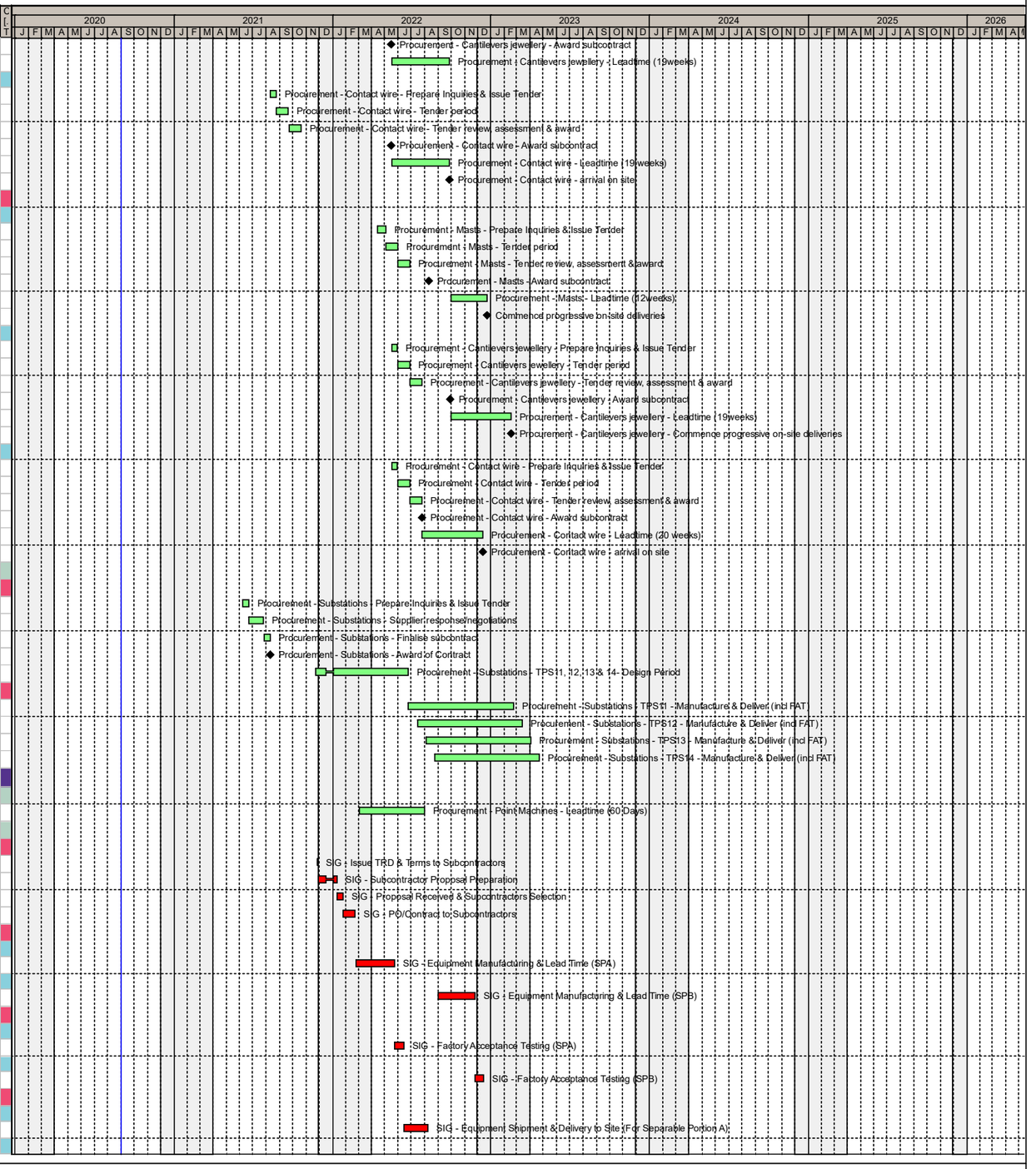
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PR-RS-7540	Procurement - Cantilevers jewellery - Award subcontract	0d		16-May-22	230d
PR-RS-7560	Procurement - Cantilevers jewellery - Leadtime (19weeks)	133d	17-May-22	26-Sep-22	344d
Contact Wire		276d	10-Aug-21	27-Sep-22	250d
PR-RS-7400	Procurement - Contact wire - Prepare Inquiries & Issue Tender	10d	10-Aug-21	23-Aug-21	383d
PR-RS-7420	Procurement - Contact wire - Tender period	20d	24-Aug-21	21-Sep-21	383d
PR-RS-7440	Procurement - Contact wire - Tender review, assessment & award	20d	22-Sep-21	20-Oct-21	383d
PR-RS-7460	Procurement - Contact wire - Award subcontract	0d		16-May-22	251d
PR-RS-7480	Procurement - Contact wire - Leadtime (19 weeks)	133d	17-May-22	26-Sep-22	374d
PR-RS-7500	Procurement - Contact wire - arrival on site	0d	27-Sep-22		250d
Alignment		204d	14-Apr-22	17-Feb-23	378d
OHW Masts		175d	14-Apr-22	23-Dec-22	219d
PR-RS-3000	Procurement - Masts - Prepare Inquiries & Issue Tender	10d	14-Apr-22	03-May-22	285d
PR-RS-3020	Procurement - Masts - Tender period	20d	04-May-22	31-May-22	285d
PR-RS-3040	Procurement - Masts - Tender review, assessment & award	20d	01-Jun-22	28-Jun-22	285d
PR-RS-3060	Procurement - Masts - Award subcontract	0d		10-Aug-22	254d
PR-RS-3080	Procurement - Masts - Leadtime (12weeks)	84d	30-Sep-22	22-Dec-22	332d
PR-RS-7260	Commence progressive on-site deliveries	0d	23-Dec-22		332d
Cantilevers & Jewellery		185d	17-May-22	17-Feb-23	371d
PR-RS-3200	Procurement - Cantilevers jewellery - Prepare Inquiries & Issue Tender	10d	17-May-22	30-May-22	407d
PR-RS-3220	Procurement - Cantilevers jewellery - Tender period	20d	31-May-22	27-Jun-22	407d
PR-RS-3240	Procurement - Cantilevers jewellery - Tender review, assessment & award	20d	28-Jun-22	25-Jul-22	407d
PR-RS-3260	Procurement - Cantilevers jewellery - Award subcontract	0d		29-Sep-22	360d
PR-RS-3280	Procurement - Cantilevers jewellery - Leadtime (19weeks)	140d	30-Sep-22	16-Feb-23	545d
PR-RS-3300	Procurement - Cantilevers jewellery - Commence progressive on-site deliveries	0d	17-Feb-23		371d
Contact Wire		148d	17-May-22	13-Dec-22	415d
PR-RS-3400	Procurement - Contact wire - Prepare Inquiries & Issue Tender	10d	17-May-22	30-May-22	407d
PR-RS-3420	Procurement - Contact wire - Tender period	20d	31-May-22	27-Jun-22	407d
PR-RS-3440	Procurement - Contact wire - Tender review, assessment & award	20d	28-Jun-22	25-Jul-22	407d
PR-RS-3460	Procurement - Contact wire - Award subcontract	0d		25-Jul-22	407d
PR-RS-3480	Procurement - Contact wire - Leadtime (20 weeks)	140d	26-Jul-22	12-Dec-22	611d
PR-RS-3500	Procurement - Contact wire - arrival on site	0d	13-Dec-22		415d
Procurement - Substations		456d	08-Jun-21	22-Apr-23	117d
Supplier Award		256d	08-Jun-21	24-Jun-22	81d
PR-SS-1040	Procurement - Substations - Prepare Inquiries & Issue Tender	10d	08-Jun-21	21-Jun-21	153d
PR-SS-1060	Procurement - Substations - Supplier response/negotiations	25d	22-Jun-21	26-Jul-21	153d
PR-SS-1080	Procurement - Substations - Finalise subcontract	10d	27-Jul-21	09-Aug-21	154d
PR-SS-1100	Procurement - Substations - Award of Contract	0d	10-Aug-21		154d
PR-SS-1200	Procurement - Substations - TPS11, 12, 13 & 14- Design Period	138d	23-Nov-21	24-Jun-22	81d
Manufacturing		302d	25-Jun-22	22-Apr-23	170d
PR-SS-1120	Procurement - Substations - TPS11 - Manufacture & Deliver (incl FAT)	242d	25-Jun-22	21-Feb-23	170d
PR-SS-1140	Procurement - Substations - TPS12 - Manufacture & Deliver (incl FAT)	242d	15-Jul-22	13-Mar-23	170d
PR-SS-1160	Procurement - Substations - TPS13 - Manufacture & Deliver (incl FAT)	242d	04-Aug-22	02-Apr-23	170d
PR-SS-1180	Procurement - Substations - TPS14 - Manufacture & Deliver (incl FAT)	242d	24-Aug-22	22-Apr-23	170d
Procurement - Rail Systems Core Scope		502d	26-Nov-21	18-Dec-23	207d
Procurement - Point Machines		150d	04-Mar-22	31-Jul-22	364d
PR-RS-A1150	Procurement - Point Machines - Leadtime (60 Days)	150d	04-Mar-22	31-Jul-22	364d
Procurement - Signalling		257d	26-Nov-21	16-Dec-22	201d
Subcontractor		51d	26-Nov-21	22-Feb-22	285d
PR-RS-7320	SIG - Issue TRD & Terms to Subcontractors	1d	26-Nov-21	26-Nov-21	285d
PR-RS-7340	SIG - Subcontractor Proposal Preparation	20d	29-Nov-21	10-Jan-22	285d
PR-RS-7360	SIG - Proposal Received & Subcontractors Selection	10d	11-Jan-22	24-Jan-22	285d
PR-RS-7380	SIG - PO/Contract to Subcontractors	20d	25-Jan-22	22-Feb-22	285d
Manufacturing		191d	23-Feb-22	24-Nov-22	167d
Separable Portion A		60d	23-Feb-22	23-May-22	285d
PR-RS-7300	SIG - Equipment Manufacturing & Lead Time (SPA)	60d	23-Feb-22	23-May-22	285d
Separable Portion B		60d	01-Sep-22	24-Nov-22	167d
PR-RS-4080	SIG - Equipment Manufacturing & Lead Time (SPB)	60d	01-Sep-22	24-Nov-22	167d
Factory Acceptance Testing		146d	24-May-22	15-Dec-22	167d
Separable Portion A		15d	24-May-22	13-Jun-22	285d
PR-RS-7760	SIG - Factory Acceptance Testing (SPA)	15d	24-May-22	13-Jun-22	285d
Separable Portion B		15d	25-Nov-22	15-Dec-22	167d
PR-RS-4100	SIG - Factory Acceptance Testing (SPB)	15d	25-Nov-22	15-Dec-22	167d
Equipment Delivery		131d	14-Jun-22	16-Dec-22	201d
Separable Portion A		40d	14-Jun-22	08-Aug-22	285d
PR-RS-7280	SIG - Equipment Shipment & Delivery to Site (For Separable Portion A)	40d	14-Jun-22	08-Aug-22	285d
Separable Portion B		58d	26-Sep-22	16-Dec-22	201d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[...]T
PR-RS-4140	Point Machine Case - Off the shelf by BT (For Separable Portion B) LRV Park (2 No.), 1K (1 No.), 2l end (1 No.)	1d	26-Sep-22	26-Sep-22	258d	
PR-RS-4120	SIG - Equipment Shipment & Delivery to Site (For Separable Portion B)	0d	16-Dec-22		167d	
Procurement - Control System		502d	26-Nov-21	18-Dec-23	207d	
Subcontractor		51d	26-Nov-21	22-Feb-22	338d	
PR-RS-5000	CS - Issue TRD & Terms to Subcontractors	1d	26-Nov-21	26-Nov-21	338d	
PR-RS-5020	CS - Subcontractor Proposal Preparation	20d	29-Nov-21	10-Jan-22	338d	
PR-RS-5040	CS - Proposal Received & Subcontractors Selection	10d	11-Jan-22	24-Jan-22	338d	
PR-RS-5060	CS - PO/Contract to Subcontractors	20d	25-Jan-22	22-Feb-22	338d	
Software Development		250d	02-Dec-22	11-Dec-23	207d	
PR-RS-5080	CS - Software Development Phase 1 FAT	60d	02-Dec-22	10-Mar-23	207d	
PR-RS-5100	CS - Software Development Phase 2 SAT	40d	18-Sep-23	13-Nov-23	207d	
PR-RS-5120	CS - Software Development Phase 3 (Rework)	20d	14-Nov-23	11-Dec-23	207d	
Software Release		195d	13-Mar-23	18-Dec-23	207d	
PR-RS-5140	CS - Software Release - Factory Acceptance Testing	5d	13-Mar-23	17-Mar-23	207d	
PR-RS-5160	CS - Software Release - Site Acceptance Testing	5d	12-Dec-23	18-Dec-23	207d	
Factory Acceptance Testing		25d	20-Mar-23	26-Apr-23	207d	
PR-RS-5180	CS - Factory Acceptance Testing	25d	20-Mar-23	26-Apr-23	207d	
Procurement - Communications		283d	03-Dec-21	13-Feb-23	289d	
Subcontractor		51d	03-Dec-21	01-Mar-22	436d	
PR-RS-6000	COM - Issue TRD & Terms to Subcontractors	1d	03-Dec-21	03-Dec-21	436d	
PR-RS-6020	COM - Subcontractor Proposal Preparation	20d	06-Dec-21	17-Jan-22	436d	
PR-RS-6040	COM - Proposal Received & Subcontractors Selection	10d	18-Jan-22	01-Feb-22	436d	
PR-RS-6060	COM - PO/Contract to Subcontractors	20d	02-Feb-22	01-Mar-22	436d	
Manufacturing		226d	03-Feb-22	23-Dec-22	289d	
Separable Portion A		60d	03-Feb-22	03-May-22	329d	
PR-RS-7780	COM - Equipment Manufacturing & Lead Time (SPA)	60d	03-Feb-22	03-May-22	329d	
Separable Portion B		60d	30-Sep-22	23-Dec-22	289d	
PR-RS-6080	COM - Equipment Manufacturing & Lead Time (SPB)	60d	30-Sep-22	23-Dec-22	289d	
Factory Acceptance Testing		181d	04-May-22	30-Jan-23	289d	
Separable Portion A		15d	04-May-22	24-May-22	329d	
PR-RS-7800	COM - Factory Acceptance Testing (SPA)	15d	04-May-22	24-May-22	329d	
Separable Portion B		15d	09-Jan-23	30-Jan-23	289d	
PR-RS-6100	COM - Factory Acceptance Testing (SPB)	15d	09-Jan-23	30-Jan-23	289d	
Equipment Delivery		176d	25-May-22	13-Feb-23	289d	
Separable Portion A		10d	25-May-22	07-Jun-22	329d	
PR-RS-7820	COM - Equipment Shipment & Delivery to Site (SPA)	10d	25-May-22	07-Jun-22	329d	
Separable Portion B		10d	31-Jan-23	13-Feb-23	289d	
PR-RS-6120	COM - Equipment Shipment & Delivery to Site (SPB)	10d	31-Jan-23	13-Feb-23	289d	
Procurement - UPS Systems		216d	23-Feb-22	12-Jan-23	310d	
Subcontractor		51d	23-Feb-22	10-May-22	390d	
PR-RS-7000	UPS - Issue TRD & Terms to Subcontractors	1d	23-Feb-22	23-Feb-22	390d	
PR-RS-7020	UPS - Subcontractor Proposal Preparation	20d	24-Feb-22	23-Mar-22	390d	
PR-RS-7040	UPS - Proposal Received & Subcontractors Selection	10d	24-Mar-22	06-Apr-22	390d	
PR-RS-7060	UPS - PO/Contract to Subcontractors	20d	07-Apr-22	10-May-22	390d	
Manufacturing		60d	01-Sep-22	24-Nov-22	310d	
PR-RS-7080	UPS - Equipment Manufacturing & Lead Time	60d	01-Sep-22	24-Nov-22	310d	
Factory Acceptance Testing		15d	25-Nov-22	15-Dec-22	310d	
PR-RS-7100	UPS - Factory Acceptance Testing	15d	25-Nov-22	15-Dec-22	310d	
Equipment Delivery		10d	16-Dec-22	12-Jan-23	310d	
PR-RS-7120	UPS - Equipment Shipment & Delivery to Site	10d	16-Dec-22	12-Jan-23	310d	
DELIVERY / CONSTRUCTION PHASE		1086d	08-Jun-21	12-Nov-25	75d	
Mobilisation / Demobilisation		1011d	22-Sep-21	12-Nov-25	75d	
Mobilisation and Site Setups		188d	22-Sep-21	06-Jul-22	228d	
DP-MO-SS-1000	Contractor - Mobilisation - Site Setup - Project Office	30d	22-Sep-21	03-Nov-21	81d	
DP-MO-SS-1020	Contractor - Mobilisation - Site Setup - Satellite Facilities - Northern Area	15d	04-Nov-21	24-Nov-21	81d	
DP-MO-SS-1080	Contractor - Mobilisation - Site Setup - Satellite Facilities - Depot / Stabling Yard	15d	04-Nov-21	24-Nov-21	371d	
DP-MO-SS-1040	Contractor - Mobilisation - Site Setup - Satellite Facilities - Southern Area	15d	15-Jun-22	06-Jul-22	131d	
Demobilisation and Site Cleanups		621d	09-May-23	12-Nov-25	75d	
DP-DM-SS-1080	Contractor - Demobilisation - Site Setup - Satellite Facilities - Depot / Stabling Yard	15d	09-May-23	30-May-23	651d	
DP-DM-SS-1040	Contractor - Demobilisation - Site Setup - Satellite Facilities - Southern Area	15d	10-Sep-25	30-Sep-25	75d	
DP-DM-SS-1020	Contractor - Demobilisation - Site Setup - Satellite Facilities - Northern Area	15d	10-Sep-25	30-Sep-25	75d	
DP-DM-SS-1000	Contractor - Demobilisation - Site Setup - Project Office	30d	01-Oct-25	12-Nov-25	75d	
Site Wide		1022d	16-Aug-21	22-Oct-25	90d	
Integrated Testing Facility - Room Fitout		25d	10-Aug-22	14-Sep-22	269d	
DP-4B-BW-1060	Building Works - ITF at UHS - Modifications	15d	10-Aug-22	31-Aug-22	269d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DP-4B-BW-1080	Building Works - ITF at UHS - Fitout New Offices	10d	01-Sep-22	14-Sep-22	269d	
DP-4B-BW-1100	Building Works - ITF at UHS - Ready for Commissioning	0d		14-Sep-22	269d	
Condition Surveys		1022d	16-Aug-21	22-Oct-25	90d	
DP-CW-CS-1000	Construction Works - Condition Surveys (Prior to Work in Vicinity) - Initial	20d	16-Aug-21	13-Sep-21	132d	
DP-CW-CS-1020	Construction Works - Condition Surveys (Prior to Work in Vicinity) - Remaining	20d	14-Sep-21	12-Oct-21	286d	
DP-CW-CS-1040	Construction Works - Condition Surveys - Close Out Report - SP-A - Depot	10d	09-May-23	23-May-23	656d	
DP-CW-CS-1060	Construction Works - Condition Surveys - Close Out Report - SP-B - Main Alignment	30d	10-Sep-25	22-Oct-25	90d	
Training		15d	02-Dec-24	06-Jan-25	90d	
DP-000-BT-3990	BT - Familiarisation Training - Communications	5d	02-Dec-24	09-Dec-24	90d	
DP-000-BT-4010	BT - Familiarisation Training - Signalling	5d	09-Dec-24	16-Dec-24	90d	
DP-000-BT-4020	BT - Familiarisation Training - Control System	5d	16-Dec-24	06-Jan-25	90d	
Spares		5d	02-Dec-24	09-Dec-24	100d	
DP-000-BT-4000	BT - Handover of Spares - Communications and Signalling	5d	02-Dec-24	09-Dec-24	100d	
OHW Milestones		161d	15-Apr-24	30-Nov-24	0d	
DP-OH-MS-1060	Commence Dressing Wire Poles (North)	0d		15-Apr-24	82d	
DP-OH-MS-1000	Zones 1A & I55 - Commence Dressing Wire Poles (Exclude BBS)	0d	15-Apr-24		138d	
DP-OH-MS-1020	WR 4/5 - Commence Wire Run	0d	24-Apr-24		82d	
DP-OH-MS-1030	WR 6/7- Commence Wire Run	0d	01-May-24		82d	
DP-OH-MS-1100	WR 8/9 - Commence Wire Run	0d	09-May-24		82d	
DP-OH-MS-1140	WR 10/11 - Commence Wire Run	0d	17-May-24		82d	
DP-OH-MS-1160	WR 12 - Commence Overhead Wiring	0d	22-May-24		82d	
DP-2I-OH-1120	WR 19/20 - Commence Wire Run	0d	28-Aug-24		9d	
DP-OH-MS-1280	WR 17/18 - Commence Wire Run	0d	05-Sep-24		9d	
DP-OH-MS-1240	WR 15/16 - Commence Wire Run	0d	10-Sep-24		11d	
DP-OH-MS-1200	WR 13/14 - Commence Wire Run	0d	18-Sep-24		17d	
DP-OH-MS-1320	WR 1/2/3 - Commence Wire Run	0d	30-Nov-24		0d	
Northern Area - Broadbeach Station to Southern Side of Dawn Parade (Ch 33,350 - 37,095)		855d	08-Jun-21	01-Dec-24	105d	
Site Access Dates - Client Nominated		17d	08-Jun-21	01-Jul-21	817d	
DP-SA-1A-GL04	GL04 - Part of Gold Coast Highway (Broadbeach South Station) - Condition 'M', 'E'	0d	08-Jun-21		517d	
DP-SA-1A-RW03	RW03 - Part of Reserve fronting Little Tallbudgera Creek	0d	08-Jun-21		616d	
DP-SA-1A-R03	R03 - Gold Coast Highway - Signalling required to control pedestrian access over bus access rd (Ch33300-33400)	0d	08-Jun-21		517d	
DP-SA-1A-RW02	RW02 - Part of Gold Coast Highway (dedicated bus access road only) - Road widening Works	0d	08-Jun-21		616d	
DP-SA-1A-GL05	GL05 - Part of Gold Coast Highway (Broadbeach South Station) - Condition 'M'	0d	08-Jun-21		517d	
DP-SA-1A-GL06	GL06 - Part of Gold Coast Hightway (Broadbeach South Station) - Condition 'M'	0d	08-Jun-21		517d	
DP-SA-1A-R04	R04 - Gold Coast Highway & Alexandra Ave - Condition 'A' (Ch33400-33500)	0d	08-Jun-21		517d	
DP-SA-1A-S01	S01- Whole of Gold Coast Highway - 56/SP306695 (Temporary Works Area)	0d	08-Jun-21*		373d	
DP-SA-1A-S02	S02 - Whole of Gold Coast Highway - 4/SP258748 (Temporary Works Area)	0d	08-Jun-21*		373d	
DP-SA-I55-R05	R05 - Gold Coast Hwy/Pacific Fair Drv/Mermaid Ave (I55) - Condition 'A' (Ch33,500-33,600)	0d	08-Jun-21		541d	
DP-SA-1B-R06	R06 - Gold Coast Highway/Seaview Ave/Peerless Ave - Condition 'A' (Ch33600-33700)	0d	08-Jun-21		466d	
DP-SA-I56-R07	R07 - Gold Coast Highway/Surfers Ave/Sunbrite - Condition 'A' (Ch33700-33800)	0d	08-Jun-21		655d	
DP-SA-1A-R08	R08 - Gold Coast Highway/Cronulla Ave - Condition 'A' (Ch33300-33900)	0d	08-Jun-21		517d	
DP-SA-1C-R09	R09 - Gold Coast Highway/Ventura Ave - Condition 'A' (Ch33900-34000)	0d	08-Jun-21		539d	
DP-SA-1C-R10	R10 - Gold Coast Highway/Ventura Rd/Gaven Crescent - Condition 'A' (Ch34000-34100)	0d	08-Jun-21		539d	
DP-SA-I58-R11	R11 - Gold Coast Highway/Montana Rd/Crescent Ave - Condition 'A' (Ch34100-34200)	0d	08-Jun-21		418d	
DP-SA-I58-R12	R12 - Gold Coast Highway/Crescent Ave/Francis St - Condition 'A' (Ch34200-34300)	0d	08-Jun-21		418d	
DP-SA-1D-R14	R14 - Gold Coast Highway/Ocean St/Glenelg Ave/Venice St - Condition 'A' (Ch34400-34500)	0d	08-Jun-21		442d	
DP-SA-I62-R15	R15 - Gold Coast Highway/Venice St/Bondi Ave - Condition 'A' (Ch34500-34600)	0d	08-Jun-21		567d	
DP-SA-1E-R17	R17 - Gold Coast Highway/Hilda St - Condition 'A' (Ch34700-34800)	0d	08-Jun-21		572d	
DP-SA-1E-R16	R16 - Gold Coast Highway/Spotsman Ave/William St - Condition 'A' (Ch34600-34700)	0d	08-Jun-21		572d	
DP-SA-1E-RW04	RW04 - Gold Coast Highway (Annette Kellerman Park)	0d	08-Jun-21		572d	
DP-SA-I64-R18	R18 - Gold Coast Highway (Cnr Markeri St)	0d	08-Jun-21		610d	
DP-SA-1F-R19	R19 - Gold Coast Highway/Seabeach Ave/Alfred St (Ch34900-35000)	0d	08-Jun-21		476d	
DP-SA-1F-R20	R20 - Gold Coast Highway/Tamborine St (Ch35000-35100)	0d	08-Jun-21		479d	
DP-SA-1F-R21	R21 - Gold Coast Highway/Arthur St (Ch35100-35200)	0d	08-Jun-21		479d	
DP-SA-1F-R22	R22 - Gold Coast Highway/Seashell Ave (Ch35200-35300)	0d	08-Jun-21		479d	
DP-SA-1F-R23	R23 - Gold Coast Highway (Ch35300-35400)	0d	08-Jun-21		479d	
DP-SA-I67-R24	R24 - Gold Coast Highway/Heron Ave (Ch35400-35500)	0d	08-Jun-21		550d	
DP-SA-I62-R25	R25 - Gold Coast Highway (Ch34500-35600)	0d	08-Jun-21		567d	
DP-SA-1G-R26	R26 - Gold Coast Highway/Surf St (Ch35600-35700)	0d	08-Jun-21		403d	
DP-SA-1G-R27	R27 - Gold Coast Highway (Ch35700-35800)	0d	08-Jun-21		403d	
DP-SA-1G-R28	R28 - Gold Coast Highway (Ch35800-35900)	0d	08-Jun-21		403d	
DP-SA-I69-R29	R29 - Gold Coast Highway (Ch35900-36000)	0d	08-Jun-21		684d	
DP-SA-1H-R30	R30 - Gold Coast Highway/Dolphin Ave (Ch36000-36100)	0d	08-Jun-21		610d	
DP-SA-1I-R31	R31 - Gold Coast Highway/Albicore St/Chairlift Ave/Great Hall Drive (Ch36100-36200)	0d	08-Jun-21		834d	
DP-SA-1J-R32	R32 - Gold Coast Highway (Ch36200-36300) - Condition 'A'	0d	08-Jun-21		585d	

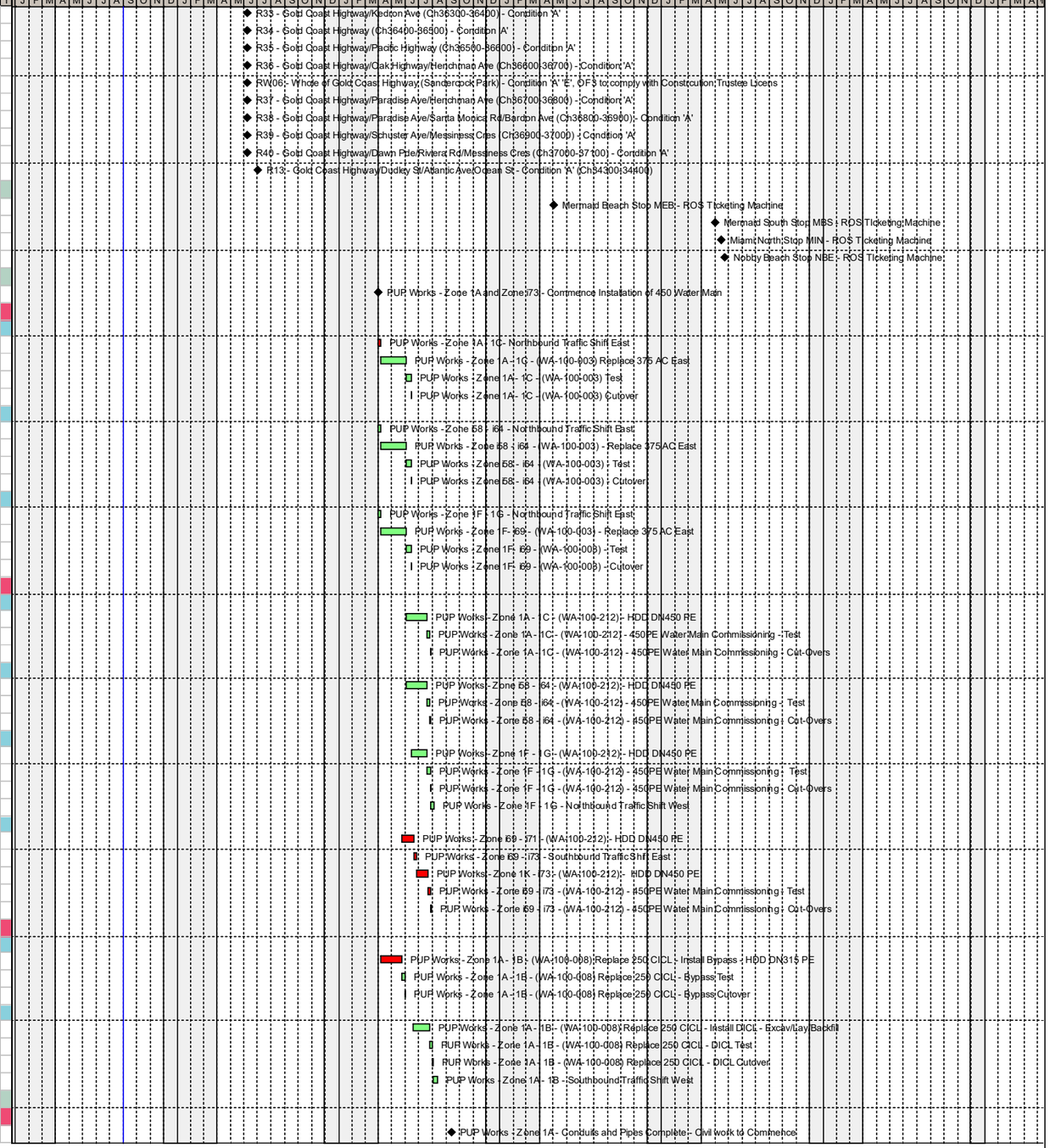


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-SA-1J-R33	R33 - Gold Coast Highway/Kedron Ave (Ch36300-36400) - Condition 'A'	0d	08-Jun-21		585d
DP-SA-1J-R34	R34 - Gold Coast Highway (Ch36400-36500) - Condition 'A'	0d	08-Jun-21		585d
DP-SA-I71-R35	R35 - Gold Coast Highway/Pacific Highway (Ch36500-36600) - Condition 'A'	0d	08-Jun-21		666d
DP-SA-1K-R36	R36 - Gold Coast Highway/Oak Highway/Henchman Ave (Ch36600-36700) - Condition 'A'	0d	08-Jun-21		512d
DP-SA-1K-RW06	RW06 - Whole of Gold Coast Highway (Sandercock Park) - Condition 'A' 'E', OF3 to comply with Constrcution Trus	0d	08-Jun-21		512d
DP-SA-1K-R37	R37 - Gold Coast Highway/Paradise Ave/Henchman Ave (Ch36700-36800) - Condition 'A'	0d	08-Jun-21		512d
DP-SA-1K-R38	R38 - Gold Coast Highway/Paradise Ave/Santa Monica Rd/Bardon Ave (Ch36800-36900) - Condition 'A'	0d	08-Jun-21		512d
DP-SA-1K-R39	R39 - Gold Coast Highway/Schuster Ave/Messiness Cres (Ch36900-37000) - Condition 'A'	0d	08-Jun-21		512d
DP-SA-I73-R40	R40 - Gold Coast Highway/Dawn Pde/Riviera Rd/Messiness Cres (Ch37000-37100) - Condition 'A'	0d	08-Jun-21		721d
DP-SA-1D-R13	R13 - Gold Coast Highway/Dudley St/Atlantic Ave/Ocean St - Condition 'A' (Ch34300-34400)	0d	01-Jul-21*		0d
Ticketing Machines - State - ROS Dates		259d	02-May-23	22-May-24	98d
DP-I58-COMM-1580	Mermaid Beach Stop MEB - ROS TIcketing Machine	0d	02-May-23		333d
DP-1F-COMM-1620	Mermaid South Stop MBS - ROS TIcketing Machine	0d	02-May-24		86d
DP-1K-COMM-1700	Miami North Stop MIN - ROS TIcketing Machine	0d	16-May-24		102d
DP-1H-COMM-1660	Nobby Beach Stop NBE - ROS TIcketing Machine	0d	22-May-24		93d
CoGC Water - Water Mains		92d	31-Mar-22	12-Aug-22	109d
DP-1A-WT-1000	PUP Works - Zone 1A and Zone i73 - Commence Installation of 450 Water Main	0d	31-Mar-22		4d
Replacement of DN375 AC Water Main with New DN450PE water main (WA-100-003)(Southbound)		41d	31-Mar-22	15-Jun-22	53d
1A - 1C		41d	31-Mar-22	15-Jun-22	53d
DP-1A-WT-1200	PUP Works - Zone 1A- 1C- Northbound Traffic Shift East	5d	31-Mar-22	07-Apr-22	4d
DP-1A-WT-2461	PUP Works - Zone 1A- 1C - (WA-100-003) Replace 375 AC East	30d	07-Apr-22	02-Jun-22	6d
DP-1A-WT-3200	PUP Works - Zone 1A- 1C - (WA-100-003) Test	5d	02-Jun-22	14-Jun-22	53d
DP-1A-WT-3220	PUP Works - Zone 1A- 1C - (WA-100-003) Cutover	1d	14-Jun-22	15-Jun-22	53d
i58 - i64		41d	31-Mar-22	15-Jun-22	53d
DP-1A-WT-2440	PUP Works - Zone 58 - i64 - Northbound Traffic Shift East	5d	31-Mar-22	07-Apr-22	6d
DP-I58-WT-1870	PUP Works - Zone 58 - i64 - (WA-100-003) - Replace 375 AC East	30d	07-Apr-22	02-Jun-22	6d
DP-I58-WT-1890	PUP Works - Zone 58 - i64 - (WA-100-003) - Test	5d	02-Jun-22	14-Jun-22	53d
DP-I58-WT-1910	PUP Works - Zone 58 - i64 - (WA-100-003) - Cutover	1d	14-Jun-22	15-Jun-22	53d
1F - i69		41d	31-Mar-22	15-Jun-22	5d
DP-1A-WT-2530	PUP Works - Zone 1F - 1G - Northbound Traffic Shift East	5d	31-Mar-22	07-Apr-22	5d
DP-1F-WT-3030	PUP Works - Zone 1F- i69 - (WA-100-003) - Replace 375 AC East	30d	07-Apr-22	02-Jun-22	5d
DP-1F-WT-3050	PUP Works - Zone 1F- i69 - (WA-100-003) - Test	5d	02-Jun-22	14-Jun-22	5d
DP-1F-WT-3070	PUP Works - Zone 1F- i69 - (WA-100-003) - Cutover	1d	14-Jun-22	15-Jun-22	5d
Installation of 450PE Water Main (WA-100-212)(Northbound)		52d	24-May-22	04-Aug-22	115d
1A - 1C		39d	02-Jun-22	27-Jul-22	4d
DP-1A-WT-4000	PUP Works - Zone 1A- 1C - (WA-100-212) - HDD DN450 PE	30d	02-Jun-22	19-Jul-22	6d
DP-I58-WT-1850	PUP Works - Zone 1A- 1C - (WA-100-212) - 450PE Water Main Commissioning - Test	5d	20-Jul-22	26-Jul-22	4d
DP-I58-WT-1860	PUP Works - Zone 1A- 1C - (WA-100-212) - 450PE Water Main Commissioning - Cut-Overs	1d	27-Jul-22	27-Jul-22	4d
i58 - i64		39d	02-Jun-22	27-Jul-22	5d
DP-1D-WT-2500	PUP Works - Zone 58 - i64 - (WA-100-212) - HDD DN450 PE	30d	02-Jun-22	19-Jul-22	6d
DP-i64-WT-1850	PUP Works - Zone 58 - i64 - (WA-100-212) - 450PE Water Main Commissioning - Test	5d	19-Jul-22	26-Jul-22	5d
DP-i64-WT-1900	PUP Works - Zone 58 - i64 - (WA-100-212) - 450PE Water Main Commissioning - Cut-Overs	1d	26-Jul-22	27-Jul-22	5d
1F - 1G		37d	15-Jun-22	04-Aug-22	115d
DP-1F-WT-2560	PUP Works - Zone 1F - 1G - (WA-100-212) - HDD DN450 PE	25d	15-Jun-22	20-Jul-22	5d
DP-I70-WT-1850	PUP Works - Zone 1F - 1G - (WA-100-212) - 450PE Water Main Commissioning - Test	5d	20-Jul-22	27-Jul-22	4d
DP-i70-WT-1940	PUP Works - Zone 1F - 1G - (WA-100-212) - 450PE Water Main Commissioning - Cut-Overs	1d	27-Jul-22	28-Jul-22	4d
DP-1A-WT-4020	PUP Works - Zone 1F - 1G - Northbound Traffic Shift West	5d	28-Jul-22	04-Aug-22	101d
i69 - i73		48d	24-May-22	29-Jul-22	3d
DP-I70-WT-2620	PUP Works - Zone i69 - i71 - (WA-100-212) - HDD DN450 PE	17d	24-May-22	20-Jun-22	4d
DP-i73-WT-1240	PUP Works - Zone i69 - i73 - Southbound Traffic Shift East	5d	20-Jun-22	25-Jun-22	4d
DP-i73-WT-2660	PUP Works - Zone 1K - i73 - (WA-100-212) - HDD DN450 PE	17d	25-Jun-22	21-Jul-22	4d
DP-1K-WT-1850	PUP Works - Zone i69 - i73 - (WA-100-212) - 450PE Water Main Commissioning - Test	5d	21-Jul-22	28-Jul-22	3d
DP-1K-WT-1860	PUP Works - Zone i69 - i73 - (WA-100-212) - 450PE Water Main Commissioning - Cut-Overs	1d	28-Jul-22	29-Jul-22	3d
Replacement of DN250 CICL Water Main with New DICL Water Main (WA-100-008)		76d	07-Apr-22	12-Aug-22	74d
Bypass		29d	07-Apr-22	01-Jun-22	57d
DP-1A-WT-2510	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - Install Bypass - HDD DN315 PE	23d	07-Apr-22	24-May-22	4d
DP-1A-WT-3240	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - Bypass Test	5d	24-May-22	31-May-22	57d
DP-1A-WT-3260	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - Bypass Cutover	1d	31-May-22	01-Jun-22	57d
DICL		37d	18-Jun-22	12-Aug-22	74d
DP-1A-WT-3265	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - Install DICL - Excav/Lay/Backfill	26d	18-Jun-22	25-Jul-22	53d
DP-1A-WT-3270	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - DICL Test	5d	25-Jul-22	01-Aug-22	74d
DP-1A-WT-3275	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - DICL Cutover	1d	01-Aug-22	02-Aug-22	74d
DP-1A-WT-3280	PUP Works - Zone 1A- 1B - Southbound Traffic Shift West	5d	03-Aug-22	12-Aug-22	74d
Zone 1A (Ch 33,325 - 33,555) - 230m		624d	23-May-22	01-Dec-24	105d
Public Utilities Plant Works		171d	23-May-22	02-Feb-23	200d
DP-1A-MS-1000	PUP Works - Zone 1A- Conduits and Pipes Complete - Civil work to Commence	0d		13-Sep-22	61d



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CoGC - Water		17d	23-May-22	18-Jun-22	114d
Water Scope		17d	23-May-22	18-Jun-22	53d
DP-1A-WT-1020	PUP Works - Zone 1A- (WA-100-002) Replace ex DN100DICL and lower in a HDPE DN355 enveloper	7d	23-May-22	01-Jun-22	20d
DP-1A-WT-2460	PUP Works - Zone 1A- (WA-100-007)	3d	01-Jun-22	06-Jun-22	57d
DP-1A-WT-2480	PUP Works - Zone 1A- (WA-100-010)	3d	15-Jun-22	18-Jun-22	53d
Service Connections		1d	01-Jun-22	02-Jun-22	123d
DP-1A-WT-S001	PUP Works - Zone 1A- WA-S-001 - Service Connection	1d	01-Jun-22	02-Jun-22	123d
DP-1A-WT-S002	PUP Works - Zone 1A- WA-S-002 - Service Connection	1d	01-Jun-22	02-Jun-22	123d
DP-1A-WT-S003	PUP Works - Zone 1A- WA-S-003 - Service Connection	1d	01-Jun-22	02-Jun-22	123d
DP-1A-WT-S004	PUP Works - Zone 1A- WA-S-005 - Service Connection	1d	01-Jun-22	02-Jun-22	123d
DP-1A-WT-S005	PUP Works - Zone 1A- WA-S-006 - Service Connection	1d	01-Jun-22	02-Jun-22	123d
DP-1A-WT-S007	PUP Works - Zone 1A- WA-S-007 - Service Connection	1d	01-Jun-22	02-Jun-22	123d
CoGC - Sewer		11d	22-Jun-22	07-Jul-22	66d
DP-1A-SW-1040	PUP Works - Zone 1A- Mermaid Ave (Southbound Goldcoast Hwy) - Sewer Pipe Reline (SE-100-002)	2d	22-Jun-22	24-Jun-22	39d
DP-1A-SW-1080	PUP Works - Zone 1A- Southbound Goldcoast Hwy to Mermaid Ave - Sewer Pipe Reline (SE-100-005)	3d	22-Jun-22	25-Jun-22	33d
DP-1A-SW-1060	PUP Works - Zone 1A- At Broadbeach Station - Asset Relocation (SE-100-003) (Civils)	11d	22-Jun-22	07-Jul-22	66d
Energex		125d	25-Jul-22	02-Feb-23	200d
Pre-Works		1d	25-Jul-22	26-Jul-22	53d
DP-1A-EG-1040	PUP Works - Zone 1A- Energex to install tigertails	1d	25-Jul-22	26-Jul-22	53d
Conduits & Pits		26d	25-Jul-22	06-Sep-22	53d
DP-1A-EG-1000	PUP Works - Zone 1A- Gold Coast Hwy - Energex Xing (EL-100-003 / 004 / 122)	26d	25-Jul-22	06-Sep-22	53d
Energex Works		96d	06-Sep-22	02-Feb-23	200d
DP-1A-EG-2000	PUP Works - Zone 1A- Gold Coast Hwy - Notification to Energex	50d	06-Sep-22	16-Nov-22	231d
DP-1A-EG-2010	PUP Works - Zone 1A- Gold Coast Hwy - Energex Works & Cutover (EL-100-003 / 004 / 002/ 122)	15d	12-Jan-23	02-Feb-23	200d
APA Gas		31d	26-Jul-22	13-Sep-22	53d
Protect / Relocate		8d	26-Jul-22	10-Aug-22	53d
DP-1A-GA-1000	PUP Works - Zone 1A- GOLD COAST HWY - NTH OF ALEXANDRA AVE - Gas Relocation DN90 IN DN160 (GA	8d	26-Jul-22	10-Aug-22	53d
Cutover		23d	10-Aug-22	13-Sep-22	53d
DP-1A-GA-1180	PUP Works - Zone 1A- D&C Contractor to Notify APA Gas	20d	10-Aug-22	09-Sep-22	53d
DP-1A-GA-1200	PUP Works - Zone 1A- APA Gas Cutover (GA-100-001)	3d	09-Sep-22	13-Sep-22	53d
Telstra		5d	25-Jul-22	01-Aug-22	80d
DP-1A-TLS-1000	PUP Works - Zone 1A- Install Protection over Network by D&C Contractor (JH)(TE-100-145 / 003 / 004)	5d	25-Jul-22	01-Aug-22	80d
Street Lighting Relocations		3d	13-Sep-22	17-Sep-22	53d
DP-1A-Stl-1000	Lighting Works - Zone 1A- Install Temporary Street Lighting	1d	13-Sep-22	15-Sep-22	53d
DP-1A-Stl-1020	Lighting Works - Zone 1A- Removal of Existing Lighting	2d	15-Sep-22	17-Sep-22	53d
Civil Works - Kerb and Shoulder Lanes		25d	17-Sep-22	24-Oct-22	63d
DP-1A-CW-1520	Civil Works - Zone 1A- Shift Traffic to Median lanes	1d	17-Sep-22	19-Sep-22	53d
DP-1A-CW-1720	Civil Works - Zone 1A- Remove existing asphalt and subbase	3d	19-Sep-22	22-Sep-22	53d
DP-1A-CW-1480	Civil Works - Zone 1A- Replace kerb and channel at PUP crossings	3d	27-Sep-22	30-Sep-22	51d
DP-1A-CW-1740	Civil Works - Zone 1A- FRP pedestrian footpath	2d	30-Sep-22	06-Oct-22	63d
DP-1A-CW-2120	Civil Works - Zone 1A- Prepare subgrade	7d	30-Sep-22	13-Oct-22	51d
DP-1A-CW-1620	Civil Works - Zone 1A- Place subbase and base course	3d	13-Oct-22	17-Oct-22	51d
DP-1A-CW-1420	Civil Works - Zone 1A- Place asphalt (Incl Prime and Seal)	4d	17-Oct-22	21-Oct-22	51d
DP-1A-CW-1500	Civil Works - Zone 1A- Shift Traffic to Kerb and Shoulder Lanes	1d	21-Oct-22	24-Oct-22	51d
Civil Works - Track (20 m) Shoulder Lanes North Bound		12d	19-Sep-22	06-Oct-22	67d
DP-1A-CW-5080	Civil Works - Zone 1A- Bulk and Detail excavation	2d	19-Sep-22	21-Sep-22	56d
DP-1A-CW-5100	Civil Works - Zone 1A- Flooding and compact subgrade	1d	21-Sep-22	22-Sep-22	56d
DP-1A-CW-5120	Civil Works - Zone 1A- Install CSR conduits and Pits	1d	22-Sep-22	23-Sep-22	56d
DP-1A-CW-5140	Civil Works - Zone 1A- Place and Compact Type 2.1 Road base	1d	23-Sep-22	26-Sep-22	56d
DP-1A-CW-5160	Civil Works - Zone 1A- Final trim and survey	1d	26-Sep-22	27-Sep-22	56d
DP-1A-TW-3160	Track Works - Zone 1A - Install/weld rail, Rail Systems Loop and form/reo	1d	27-Sep-22	28-Sep-22	56d
DP-1A-TW-3180	Track Works - Zone 1A - Install OLE foundations	1d	27-Sep-22	28-Sep-22	56d
DP-1A-TW-3200	Track Works - Zone 1A - Perform electrical continuity testing/hold points	1d	28-Sep-22	29-Sep-22	56d
DP-1A-TW-3220	Track Works - Zone 1A - Pour concrete, strip formwork and install lids	2d	30-Sep-22	06-Oct-22	56d
Civil Works - Stormwater Drainage		40d	31-Oct-22	24-Jan-23	148d
Crossing		40d	31-Oct-22	24-Jan-23	148d
DP-1A-DR-2040	Drainage Works - Zone 1A- Pipe Jack DN1050 Launch Shaft Complete	10d	31-Oct-22	17-Nov-22	148d
DP-1A-DR-2060	Drainage Works - Zone 1A- Pipe Jack DN1050 - Retrieval Shaft Complete	10d	17-Nov-22	05-Dec-22	148d
DP-1A-DR-2080	Drainage Works - Zone 1A- Pipe Jack DN1050 Ind Demob & Restore Surface (1 Wk)	25d	23-Nov-22	24-Jan-23	148d
Civil Works - Rail Corridor		24d	24-Oct-22	05-Dec-22	51d
DP-1A-CW-1000	Civil Works - Zone 1A- Shift Traffic to Kerb and Shoulder Lanes	0d		24-Oct-22	51d
DP-1A-CW-1040	Civil Works - Zone 1A- Demo/Clear/Grub	1d	24-Oct-22	25-Oct-22	51d
DP-1A-CW-2100	Civil Works - Zone 1A- Profile central median and asphalt	2d	27-Oct-22	29-Oct-22	51d
DP-1A-CW-1100	Civil Works - Zone 1A- Bulk and Detail excavation	6d	29-Oct-22	10-Nov-22	51d
DP-1A-CW-1120	Civil Works - Zone 1A- Flooding and compact subgrade	4d	10-Nov-22	15-Nov-22	51d
DP-1A-CW-1140	Civil Works - Zone 1A- Install CSR conduits and Pits	3d	15-Nov-22	19-Nov-22	51d
DP-1A-CW-1160	Civil Works - Zone 1A- Place and Compact Type 2.1 Road base	3d	19-Nov-22	23-Nov-22	51d



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DP-1A-CW-1360	Civil Works - Zone 1A - Final trim and survey	4d	23-Nov-22	02-Dec-22	51d
DP-1A-CW-1180	Civil Works - Zone 1A - Spray bitumen chip seal	1d	02-Dec-22	05-Dec-22	51d
Civil Works - Track		4d	05-Dec-22	10-Dec-22	51d
DP-1A-TW-1000	Track Works - Zone 1A - Install/weld rail, Rail Systems Loops and form/reo	2d	05-Dec-22	08-Dec-22	51d
DP-1A-TW-1020	Track Works - Zone 1A - Install OLE foundations	2d	05-Dec-22	08-Dec-22	51d
DP-1A-TW-1040	Track Works - Zone 1A - Perform electrical continunity testing/hold points	1d	08-Dec-22	09-Dec-22	51d
DP-1A-TW-1080	Track Works - Zone 1A - Pour concrete, strip formwork and install lids	1d	09-Dec-22	10-Dec-22	51d
Civil Works - Reinstate Track Verge		4d	10-Dec-22	16-Dec-22	51d
DP-1A-CW-1200	Civil Works - Zone 1A - Place and Compact Type 2.1 Road base	1d	10-Dec-22	12-Dec-22	51d
DP-1A-CW-1700	Civil Works - Zone 1A - FRP Median Kerbs	3d	12-Dec-22	16-Dec-22	51d
Civil Works - Central Lanes		24d	16-Dec-22	03-Feb-23	61d
DP-1A-CW-1820	Civil Works - Zone 1A - Remove existing asphalt and subbase	2d	16-Dec-22	05-Jan-23	55d
DP-1A-CW-1840	Civil Works - Zone 1A - Prepare subgrade	4d	05-Jan-23	12-Jan-23	55d
DP-1A-CW-1880	Civil Works - Zone 1A - Place subbase and base course	2d	21-Jan-23	24-Jan-23	51d
DP-1A-CW-1760	Civil Works - Zone 1A - Place asphalt (Incl Prime and Seal)	5d	25-Jan-23	02-Feb-23	51d
DP-1A-CW-1780	Civil Works - Zone 1A - Remove Barriers - Shift Traffic to Permanent Alignment	1d	02-Feb-23	03-Feb-23	51d
Civil Works - Track (20 m) Median Lanes North Bound		15d	16-Dec-22	21-Jan-23	61d
DP-1A-CW-2220	Civil Works - Zone 1A - Bulk and Detail excavation	2d	16-Dec-22	05-Jan-23	51d
DP-1A-CW-2240	Civil Works - Zone 1A - Flooding and compact subgrade	1d	05-Jan-23	06-Jan-23	51d
DP-1A-CW-2260	Civil Works - Zone 1A - Install CSR conduits and Pits	1d	06-Jan-23	09-Jan-23	51d
DP-1A-CW-2280	Civil Works - Zone 1A - Place and Compact Type 2.1 Road base	1d	09-Jan-23	10-Jan-23	51d
DP-1A-CW-2300	Civil Works - Zone 1A - Final trim and survey	1d	10-Jan-23	12-Jan-23	51d
DP-1A-TW-1100	Track Works - Zone 1A - Install/weld rail, Rail Systems Loop and form/reo	1d	12-Jan-23	13-Jan-23	51d
DP-1A-TW-1120	Track Works - Zone 1A - Install OLE foundations	1d	12-Jan-23	13-Jan-23	51d
DP-1A-TW-1140	Track Works - Zone 1A - Perform electrical continunity testing/hold points	1d	17-Jan-23	19-Jan-23	51d
DP-1A-TW-1160	Track Works - Zone 1A - Pour concrete, strip formwork and install lids	2d	19-Jan-23	21-Jan-23	51d
Traffic Control Systems (TCS)		10d	24-Jan-23	07-Feb-23	366d
DP-I54-TCS-1000	Signal Works - Zone i54 - Nbound - Install Pits and Conduits	1d	24-Jan-23	25-Jan-23	51d
DP-I54-TCS-1040	Signal Works - Zone i54 - Footings - Excav/Reo/Pour/Cure	3d	24-Jan-23	28-Jan-23	259d
DP-I54-TCS-1060	Signal Works - Zone i54 - Install Poles, Cables and Lanterns	2d	28-Jan-23	31-Jan-23	367d
DP-I54-TCS-1080	Signal Works - Zone i54 - Install Traffic Detector Loops and Cables (Nights)	2d	02-Feb-23	04-Feb-23	366d
DP-I54-TCS-1100	Signal Works - Zone i54 - Install TCS Cabinets	1d	04-Feb-23	06-Feb-23	366d
DP-I54-TCS-1120	Signal Works - Zone i54 - Install LRV Personality	1d	06-Feb-23	07-Feb-23	366d
Civil Works - Finishing		4d	03-Feb-23	08-Feb-23	420d
DP-1A-CW-5020	Civil Works - Zone 1A - Finishing - Final Asphalt Wearing Course	2d	03-Feb-23	06-Feb-23	420d
DP-1A-CW-5040	Civil Works - Zone 1A - Finishing - Pavement Marking	2d	06-Feb-23	08-Feb-23	420d
Civil Works - System Fitout		3d	03-Feb-23	07-Feb-23	371d
DP-1A-CW-1660	Civil Works - Zone 1A - Erect Overhead Wire Poles with Lighting	3d	03-Feb-23	07-Feb-23	371d
Traction Power & Overhead Line		450d	07-Feb-23	01-Dec-24	0d
CSR Cabling		247d	07-Feb-23	12-Apr-24	147d
Structure-to-Track		1d	07-Feb-23	08-Feb-23	384d
DP-1A-BC-1020	Traction Power - Zone 1A - Bond and Test Structure to Rail	1d	07-Feb-23	08-Feb-23	384d
Track-to-Track		1d	07-Feb-23	08-Feb-23	384d
DP-1A-BC-1000	Traction Power - Zone 1A - Connect Bond to Studs and Test	1d	07-Feb-23	08-Feb-23	384d
Pit-to-Pit		31d	12-Feb-24	12-Apr-24	147d
DP-MS-N-PULL-1000	Commence Cabling (North)	0d		12-Feb-24	101d
DP-1A-HC-1020	Traction Power - Zone 1A - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	12-Feb-24	08-Mar-24	147d
DP-1A-ST-1000	Traction Power - Zone 1A - Stray Current (120mm2) & PUP Test Sites - Pull Cable (Incl Fit Out Pit)	16d	08-Mar-24	12-Apr-24	147d
Pit-to-OLE		16d	07-Feb-23	06-Mar-23	371d
DP-1A-HC-1030	Traction Power - Zone 1A/55/1B - WR1/2/3 - Pull Helper Cables & Bonding (Pit to OLE) (TO HAPPEN BEFORE W	14d	07-Feb-23	02-Mar-23	371d
DP-1A-HC-1060	Traction Power - Zone 1A/55/1B - WR1/2/3 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	2d	02-Mar-23	06-Mar-23	371d
Overhead Line		161d	15-Apr-24	01-Dec-24	0d
DP-1A-OH-1020	Traction Power - Zone 1A - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	138d
DP-1A-OH-1040	Traction Power - Zone 1A - Overhead Wiring - Wire Run 1/2/3 & QA	2d	30-Nov-24	01-Dec-24	0d
LRV Storage Facility (120 m)		58d	24-Jan-23	18-Apr-23	163d
Civil Works - Rail Corridor		17d	24-Jan-23	20-Feb-23	148d
DP-1A-CW-2320	Civil Works - Zone 1A - Setup Site Demarcation	1d	24-Jan-23	25-Jan-23	148d
DP-1A-CW-2340	Civil Works - Zone 1A - Demo/Clear/Grub	1d	25-Jan-23	27-Jan-23	148d
DP-1A-CW-2360	Civil Works - Zone 1A - Bulk and Detail excavation	4d	27-Jan-23	02-Feb-23	148d
DP-1A-CW-2380	Civil Works - Zone 1A - Flooding and compact subgrade	3d	02-Feb-23	06-Feb-23	148d
DP-1A-CW-2400	Civil Works - Zone 1A - Install CSR conduits and Pits	3d	06-Feb-23	09-Feb-23	148d
DP-1A-CW-2420	Civil Works - Zone 1A - Place and Compact Type 2.1 Road base	2d	09-Feb-23	14-Feb-23	148d
DP-1A-CW-2500	Civil Works - Zone 1A - Final trim and survey	3d	14-Feb-23	18-Feb-23	148d
DP-1A-CW-2440	Civil Works - Zone 1A - Spray bitumen chip seal	0d	20-Feb-23	20-Feb-23	148d
Civil Works - Track		14d	20-Feb-23	14-Mar-23	148d
DP-1A-TW-1180	Track Works - Zone 1A - Install/weld rail, Rail Systems Loop and form/reo	6d	20-Feb-23	28-Feb-23	148d



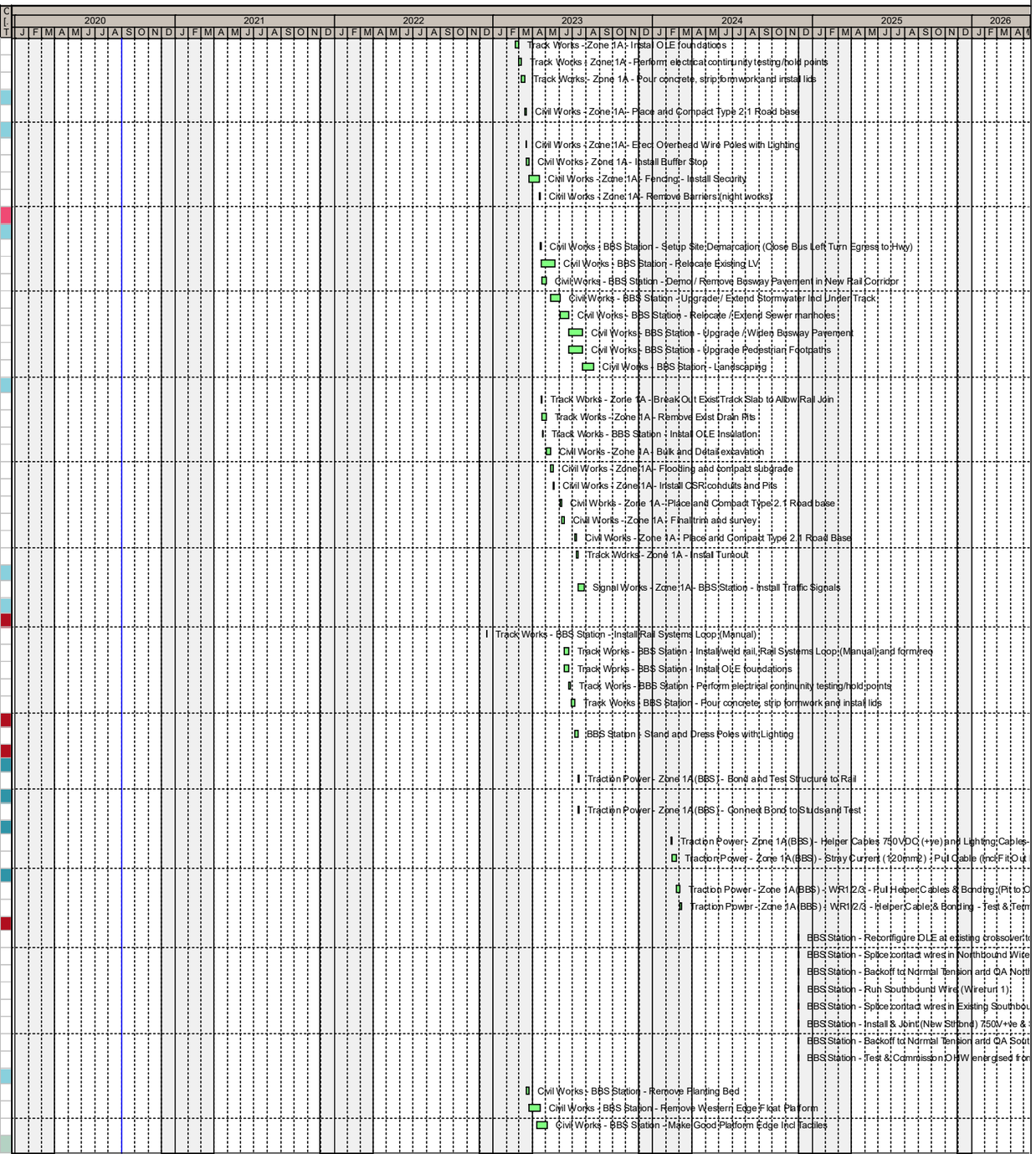
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DP-1A-TW-1200	Track Works - Zone 1A - Install OLE foundations	6d	20-Feb-23	28-Feb-23	148d	
DP-1A-TW-1220	Track Works - Zone 1A - Perform electrical continunity testing/hold points	3d	28-Feb-23	06-Mar-23	148d	
DP-1A-TW-1240	Track Works - Zone 1A - Pour concrete, strip formwork and install lids	5d	06-Mar-23	14-Mar-23	148d	
Civil Works - Reinstate Track Verge		2d	14-Mar-23	17-Mar-23	148d	
DP-1A-CW-2460	Civil Works - Zone 1A - Place and Compact Type 2.1 Road base	2d	14-Mar-23	17-Mar-23	148d	
Civil Works - System Fitout		20d	17-Mar-23	18-Apr-23	163d	
DP-1A-CW-2540	Civil Works - Zone 1A - Erect Overhead Wire Poles with Lighting	1d	17-Mar-23	18-Mar-23	152d	
DP-1A-CW-2640	Civil Works - Zone 1A - Install Buffer Stop	5d	17-Mar-23	24-Mar-23	148d	
DP-1A-CW-2620	Civil Works - Zone 1A - Fencing - Install Security	9d	24-Mar-23	17-Apr-23	148d	
DP-1A-CW-2520	Civil Works - Zone 1A - Remove Barriers (night works)	1d	17-Apr-23	18-Apr-23	148d	
Connect to Existing GCLR Stage 1 at Broadbeach Station BBS		477d	16-Dec-22	01-Dec-24	105d	
Civil Works - Surrounds		80d	18-Apr-23	19-Aug-23	363d	
DP-1A-CW-5180	Civil Works - BBS Station - Setup Site Demarcation (Close Bus Left Turn Egress to Hwy)	1d	18-Apr-23	20-Apr-23	148d	
DP-1A-CW-4080	Civil Works - BBS Station - Relocate Existing LV	20d	20-Apr-23	22-May-23	385d	
DP-1A-CW-4100	Civil Works - BBS Station - Demo / Remove Busway Pavement in New Rail Corridor	5d	22-Apr-23	03-May-23	161d	
DP-1A-CW-4020	Civil Works - BBS Station - Upgrade / Extend Stormwater Incl Under Track	15d	12-May-23	02-Jun-23	148d	
DP-1A-CW-4040	Civil Works - BBS Station - Relocate / Extend Sewer manholes	15d	02-Jun-23	23-Jun-23	363d	
DP-1A-CW-4060	Civil Works - BBS Station - Upgrade / Widen Busway Pavement	20d	23-Jun-23	24-Jul-23	363d	
DP-1A-CW-4120	Civil Works - BBS Station - Upgrade Pedestrian Footpaths	20d	23-Jun-23	24-Jul-23	363d	
DP-1A-CW-4140	Civil Works - BBS Station - Landscaping	17d	24-Jul-23	19-Aug-23	363d	
Civil Works - Track		58d	20-Apr-23	13-Jul-23	342d	
DP-1A-TW-2000	Track Works - Zone 1A - Break Out Exist Track Slab to Allow Rail Join	2d	20-Apr-23	22-Apr-23	148d	
DP-1A-TW-3100	Track Works - Zone 1A - Remove Exist Drain Pits	5d	22-Apr-23	03-May-23	148d	
DP-1A-OH-1000	Track Works - BBS Station - Install OLE Insulation	1d	24-Apr-23	24-Apr-23	398d	
DP-1A-CW-2660	Civil Works - Zone 1A - Bulk and Detail excavation	5d	03-May-23	12-May-23	148d	
DP-1A-CW-2680	Civil Works - Zone 1A - Flooding and compact subgrade	4d	12-May-23	17-May-23	156d	
DP-1A-CW-2700	Civil Works - Zone 1A - Install CSR conduits and Pits	3d	17-May-23	20-May-23	156d	
DP-1A-CW-2720	Civil Works - Zone 1A - Place and Compact Type 2.1 Road base	3d	02-Jun-23	06-Jun-23	148d	
DP-1A-CW-2740	Civil Works - Zone 1A - Final trim and survey	4d	06-Jun-23	13-Jun-23	148d	
DP-1A-CW-2760	Civil Works - Zone 1A - Place and Compact Type 2.1 Road Base	2d	07-Jul-23	10-Jul-23	299d	
DP-1A-TW-3120	Track Works - Zone 1A - Install Turnout	2d	10-Jul-23	13-Jul-23	299d	
Traffic Control Systems (TCS)		10d	14-Jul-23	28-Jul-23	148d	
DP-1A-OH-1220	Signal Works - Zone 1A - BBS Station - Install Traffic Signals	10d	14-Jul-23	28-Jul-23	148d	
Cross-Overs and Overhead Line		477d	16-Dec-22	01-Dec-24	0d	
Cross-Overs and OLE Pole Foundations		130d	16-Dec-22	07-Jul-23	347d	
DP-1A-TW-3140	Track Works - BBS Station - Install Rail Systems Loop (Manual)	1d	16-Dec-22	16-Dec-22	476d	
DP-1A-TW-3000	Track Works - BBS Station - Install/weld rail, Rail Systems Loop (Manual) and form/reo	7d	13-Jun-23	22-Jun-23	148d	
DP-1A-TW-3020	Track Works - BBS Station - Install OLE foundations	7d	13-Jun-23	22-Jun-23	148d	
DP-1A-TW-3040	Track Works - BBS Station - Perform electrical continunity testing/hold points	3d	22-Jun-23	27-Jun-23	148d	
DP-1A-TW-3080	Track Works - BBS Station - Pour concrete, strip formwork and install lids	6d	28-Jun-23	07-Jul-23	148d	
Stand OLE Poles		5d	07-Jul-23	14-Jul-23	148d	
DP-1A-OH-1120	BBS Station - Stand and Dress Poles with Lighting	5d	07-Jul-23	14-Jul-23	148d	
CSR Cabling		136d	14-Jul-23	07-Mar-24	164d	
Structure-to-Track		1d	14-Jul-23	15-Jul-23	298d	
DP-1A-BC-1060	Traction Power - Zone 1A(BBS) - Bond and Test Structure to Rail	1d	14-Jul-23	15-Jul-23	298d	
Track-to-Track		1d	14-Jul-23	15-Jul-23	298d	
DP-1A-BC-1040	Traction Power - Zone 1A(BBS) - Connect Bond to Studs and Test	1d	14-Jul-23	15-Jul-23	298d	
Pit-to-Pit		8d	12-Feb-24	24-Feb-24	164d	
DP-1A-HC-1100	Traction Power - Zone 1A(BBS) - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	3d	12-Feb-24	15-Feb-24	164d	
DP-1A-ST-1020	Traction Power - Zone 1A(BBS) - Stray Current (120mm2) - Pull Cable (Incl Fit Out Pit)	5d	15-Feb-24	24-Feb-24	164d	
Pit-to-OLE		6d	24-Feb-24	07-Mar-24	164d	
DP-1A-HC-1120	Traction Power - Zone 1A(BBS) - WR1/2/3 - Pull Helper Cables & Bonding (Pit to OLE)	4d	24-Feb-24	04-Mar-24	164d	
DP-1A-HC-1140	Traction Power - Zone 1A(BBS) - WR1/2/3 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	2d	04-Mar-24	07-Mar-24	164d	
OLE Works (Full WE Possession)		2d	30-Nov-24	01-Dec-24	0d	
DP-1A-OH-1060	BBS Station - Reconfigure OLE at existing crossover to form Northbound Wirerun 2	2d	30-Nov-24	01-Dec-24	0d	
DP-1A-OH-1100	BBS Station - Splice contact wires in Northbound Wirerun and run to Southern Anchor in Zone 1B and Supertensic	2d	30-Nov-24	01-Dec-24	0d	
DP-1A-OH-1160	BBS Station - Backoff to Normal Tension and QA Northbound Wirerun	2d	30-Nov-24	01-Dec-24	0d	
DP-1A-OH-1180	BBS Station - Run Southbound Wire (Wirerun 1)	2d	30-Nov-24	01-Dec-24	0d	
DP-1A-OH-1200	BBS Station - Splice contact wires in Existing Southbound Wirerun and run to Southern Anchor in Zone 1B and Su	2d	30-Nov-24	01-Dec-24	0d	
DP-1A-OH-1240	BBS Station - Install & Joint (New Sthbnd) 750V+ve & Stray Current to Existing TPS 6 Supplied Cabling, Test & Cor	2d	30-Nov-24	01-Dec-24	0d	
DP-1A-OH-1260	BBS Station - Backoff to Normal Tension and QA Southbound Wirerun	2d	30-Nov-24	01-Dec-24	0d	
DP-1A-OH-1280	BBS Station - Test & Commisson OHW energised from TPS-6 to 33+487	2d	30-Nov-24	01-Dec-24	0d	
Civil Works - Platform BBS		30d	17-Mar-23	04-May-23	195d	
DP-1A-CW-406	Civil Works - BBS Station - Remove Planting Bed	5d	17-Mar-23*	24-Mar-23	195d	
DP-1A-CW-400	Civil Works - BBS Station - Remove Western Edge Float Platform	15d	24-Mar-23	18-Apr-23	195d	
DP-1A-CW-402	Civil Works - BBS Station - Make Good Platform Edge Incl Tactiles	15d	11-Apr-23	04-May-23	195d	
Zone i55 Intersection - Staged - Pacific Fair Drive (Ch 33,555 - 33,590) - 35m		616d	02-Jun-22	01-Dec-24	33d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Public Utilities Plant Works		115d	02-Jun-22	12-Nov-22	197d
DP-I55-MS-1000	PUP Works - Zone i55 - Conduits and Pipes Complete - Civil work to Commence	0d		12-Aug-22	222d
CoGC - Water		49d	02-Jun-22	16-Aug-22	219d
Water Scope		38d	02-Jun-22	28-Jul-22	109d
DP-I55-WT-1030	PUP Works - Zone i55 - (WA-100-214)	5d	02-Jun-22	10-Jun-22	20d
DP-I55-WT-1020	PUP Works - Zone i55 - (WA-100-011)	3d	25-Jul-22	28-Jul-22	109d
Service Connections		11d	28-Jul-22	16-Aug-22	219d
DP-I55-WT-S009	PUP Works - Zone i55 - (WA-S-009)	1d	28-Jul-22	29-Jul-22	109d
DP-I55-WT-S008	PUP Works - Zone i55 - (WA-S-008)	1d	15-Aug-22	16-Aug-22	219d
Telstra		5d	02-Nov-22	12-Nov-22	171d
DP-I55-TLS-1000	PUP Works - Zone i55 - Install Protection over Network by D&C Contractor (JH) (TE-100-142)	5d	02-Nov-22	12-Nov-22	171d
Street Lighting Relocations		2d	12-Aug-22	15-Aug-22	235d
DP-I55-Stl-1000	Lighting Works - Zone i55 - Install Temporary Street Lighting	1d	12-Aug-22	13-Aug-22	235d
DP-I55-Stl-1020	Lighting Works - Zone i55 - Removal of Existing Lighting	1d	13-Aug-22	15-Aug-22	235d
Civil Works - Stormwater Drainage		7d	31-Oct-22	12-Nov-22	171d
Northbound		7d	31-Oct-22	12-Nov-22	171d
DP-I55-DR-1000	Drainage Works - Zone i55 - Pacific Fair Drive - DN375 Stormwater - Excav/Lay/Bfill (Northbound)	7d	31-Oct-22	12-Nov-22	171d
Stage 1		75d	19-Sep-22	17-Jan-23	455d
Civil Works - Kerb and Shoulder Lanes		41d	19-Sep-22	22-Nov-22	171d
DP-I55-CW-1520	Civil Works - Zone i55 - Stg1 - Shift Traffic to Median lanes	1d	19-Sep-22	20-Sep-22	197d
DP-I55-CW-1720	Civil Works - Zone i55 - Stg1 - Remove existing asphalt and subbase	1d	20-Sep-22	21-Sep-22	200d
DP-I55-CW-1480	Civil Works - Zone i55 - Stg1 - Replace kerb and channel at PUP crossings	3d	21-Sep-22	26-Sep-22	200d
DP-I55-CW-2120	Civil Works - Zone i55 - Stg1 - Prepare subgrade	1d	12-Nov-22	14-Nov-22	171d
DP-I55-CW-1620	Civil Works - Zone i55 - Stg1 - Place subbase and base course	1d	14-Nov-22	15-Nov-22	171d
DP-I55-CW-1420	Civil Works - Zone i55 - Stg1 - Place asphalt (Incl Primer Seal)	4d	15-Nov-22	21-Nov-22	171d
DP-I55-CW-1500	Civil Works - Zone i55 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	1d	21-Nov-22	22-Nov-22	171d
Civil Works - Rail Corridor		10d	22-Nov-22	10-Dec-22	171d
DP-I55-CW-1000	Civil Works - Zone i55 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	0d		22-Nov-22	171d
DP-I55-CW-1040	Civil Works - Zone i55 - Stg1 - Demo/Clear/Grub	1d	22-Nov-22	23-Nov-22	171d
DP-I55-CW-2100	Civil Works - Zone i55 - Stg1 - Profile central median and asphalt	1d	23-Nov-22	24-Nov-22	171d
DP-I55-CW-1100	Civil Works - Zone i55 - Stg1 - Bulk and Detail excavation	2d	24-Nov-22	29-Nov-22	171d
DP-I55-CW-1120	Civil Works - Zone i55 - Stg1 - Flooding and compact subgrade	1d	29-Nov-22	01-Dec-22	171d
DP-I55-CW-1140	Civil Works - Zone i55 - Stg1 - Install CSR conduits and Pits	1d	02-Dec-22	05-Dec-22	172d
DP-I55-CW-1160	Civil Works - Zone i55 - Stg1 - Place and Compact Type 2.1 Road base	1d	06-Dec-22	08-Dec-22	171d
DP-I55-CW-1360	Civil Works - Zone i55 - Stg1 - Final trim and survey	1d	08-Dec-22	09-Dec-22	171d
DP-I55-CW-1180	Civil Works - Zone i55 - Stg1 - Spray bitumen chip seal	1d	09-Dec-22	10-Dec-22	171d
Civil Works - Track		4d	10-Dec-22	16-Dec-22	171d
DP-I55-TW-1000	Track Works - Zone i55 - Stg1 - Install/weld rail, Rail Systems Loop and form/reo	1d	10-Dec-22	12-Dec-22	171d
DP-I55-TW-1020	Track Works - Zone i55 - Stg1 - Install OLE foundations	1d	10-Dec-22	12-Dec-22	171d
DP-I55-TW-1040	Track Works - Zone i55 - Stg1 - Perform electrical continunity testing/hold points	1d	12-Dec-22	13-Dec-22	171d
DP-I55-TW-1080	Track Works - Zone i55 - Stg1 - Pour concrete, strip formwork and install lids	2d	13-Dec-22	16-Dec-22	171d
Civil Works - Reinstate Track Verge		1d	16-Dec-22	04-Jan-23	171d
DP-I55-CW-1200	Civil Works - Zone i55 - Stg1 - Place and Compact Type 2.1 Road base	1d	16-Dec-22	04-Jan-23	171d
Civil Works - Central Lanes		7d	04-Jan-23	17-Jan-23	171d
DP-I55-CW-1820	Civil Works - Zone i55 - Stg1 - Remove existing asphalt and subbase	1d	04-Jan-23	05-Jan-23	171d
DP-I55-CW-1840	Civil Works - Zone i55 - Stg1 - Prepare Subgrade	1d	05-Jan-23	06-Jan-23	171d
DP-I55-CW-1880	Civil Works - Zone i55 - Stg1 - Place subbase and base course	1d	06-Jan-23	09-Jan-23	171d
DP-I55-CW-1760	Civil Works - Zone i55 - Stg1 - Place asphalt (Incl Primer Seal)	4d	09-Jan-23	17-Jan-23	171d
DP-I55-CW-1780	Civil Works - Zone i55 - Stg1 - Remove Barriers - Shift Traffic to Permanent Alignment	0d	17-Jan-23	17-Jan-23	171d
Civil Works - System Fitout		1d	04-Jan-23	05-Jan-23	408d
DP-I55-CW-1660	Civil Works - Zone i55 - Stg1 - Erect Overhead Wire Poles with Lighting	1d	04-Jan-23	05-Jan-23	408d
Stage 2		32d	17-Jan-23	03-Mar-23	423d
Civil Works - Kerb and Shoulder Lanes		7d	17-Jan-23	28-Jan-23	171d
DP-I55-CW-2400	Civil Works - Zone i55 - Stg2 - Shift Traffic to Median lanes	0d	17-Jan-23	17-Jan-23	171d
DP-I55-CW-2500	Civil Works - Zone i55 - Stg2 - Remove existing asphalt and subbase	1d	17-Jan-23	19-Jan-23	171d
DP-I55-CW-2360	Civil Works - Zone i55 - Stg2 - Replace kerb and channel at PUP crossings	0d	19-Jan-23	19-Jan-23	171d
DP-I55-CW-2720	Civil Works - Zone i55 - Stg2 - Prepare subgrade	1d	19-Jan-23	20-Jan-23	171d
DP-I55-CW-2420	Civil Works - Zone i55 - Stg2 - Place subbase and base course	1d	21-Jan-23	23-Jan-23	171d
DP-I55-CW-2340	Civil Works - Zone i55 - Stg2 - Place asphalt (Incl Primer Seal)	4d	23-Jan-23	28-Jan-23	171d
DP-I55-CW-2380	Civil Works - Zone i55 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	0d	28-Jan-23	28-Jan-23	171d
Civil Works - Rail Corridor		10d	28-Jan-23	10-Feb-23	171d
DP-I55-CW-2140	Civil Works - Zone i55 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	0d		28-Jan-23	171d
DP-I55-CW-2160	Civil Works - Zone i55 - Stg2 - Demo/Clear/Grub	1d	28-Jan-23	30-Jan-23	171d
DP-I55-CW-2700	Civil Works - Zone i55 - Stg2 - Profile central median and asphalt	1d	30-Jan-23	31-Jan-23	171d
DP-I55-CW-2180	Civil Works - Zone i55 - Stg2 - Bulk and Detail excavation	2d	31-Jan-23	03-Feb-23	171d
DP-I55-CW-2200	Civil Works - Zone i55 - Stg2 - Flooding and compact subgrade	1d	03-Feb-23	04-Feb-23	171d
DP-I55-CW-2220	Civil Works - Zone i55 - Stg2 - Install CSR conduits and Pits	2d	04-Feb-23	07-Feb-23	171d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
DP-I55-CW-2240	Civil Works - Zone i55 - Stg2 - Place and Compact Type 2.1 Road base	1d	07-Feb-23	08-Feb-23	171d	
DP-I55-CW-2320	Civil Works - Zone i55 - Stg2 - Final trim and survey	1d	08-Feb-23	09-Feb-23	171d	
DP-I55-CW-2260	Civil Works - Zone i55 - Stg2 - Spray bitumen chip seal	1d	09-Feb-23	10-Feb-23	171d	
Civil Works - Track		4d	10-Feb-23	18-Feb-23	171d	
DP-I55-TW-1355	Track Works - Zone i55 - Stg2 - Install/weld rail, Rail Systems Loop and form/reo	1d	10-Feb-23	14-Feb-23	171d	
DP-I55-TW-1375	Track Works - Zone i55 - Stg2 - Install OLE foundations	1d	10-Feb-23	14-Feb-23	171d	
DP-I55-TW-1395	Track Works - Zone i55 - Stg2 - Perform electrical continunity testing/hold points	1d	14-Feb-23	16-Feb-23	171d	
DP-I55-TW-1415	Track Works - Zone i55 - Stg2 - Pour concrete, strip formwork and install lids	2d	16-Feb-23	18-Feb-23	171d	
Civil Works - Reinstate Track Verge		1d	20-Feb-23	21-Feb-23	171d	
DP-I55-CW-2280	Civil Works - Zone i55 - Stg2 - Place and Compact Type 2.1 Road base	1d	20-Feb-23	21-Feb-23	171d	
Civil Works - Central Lanes		7d	21-Feb-23	03-Mar-23	171d	
DP-I55-CW-2640	Civil Works - Zone i55 - Stg2 - Remove existing asphalt and subbase	1d	21-Feb-23	23-Feb-23	171d	
DP-I55-CW-2660	Civil Works - Zone i55 - Stg2 - Prepare Subgrade	1d	23-Feb-23	24-Feb-23	171d	
DP-I55-CW-2620	Civil Works - Zone i55 - Stg2 - Place subbase and base course	1d	24-Feb-23	25-Feb-23	171d	
DP-I55-CW-2540	Civil Works - Zone i55 - Stg2 - Place asphalt (Incl Primer Seal)	4d	25-Feb-23	03-Mar-23	171d	
DP-I55-CW-2580	Civil Works - Zone i55 - Stg2 - Remove Barriers - Shift Traffic to Permanent Alignment	0d	03-Mar-23	03-Mar-23	171d	
Civil Works - System Fitout		1d	21-Feb-23	23-Feb-23	379d	
DP-I55-CW-2460	Civil Works - Zone i55 - Stg2 - Erect Overhead Wire Poles with Lighting	1d	21-Feb-23	23-Feb-23	379d	
Civil Works - Finishing		3d	03-Mar-23	08-Mar-23	405d	
DP-I55-CW-5020	Civil Works - Zone I55 - Finishing - Final Asphalt Wearing Course	1d	03-Mar-23	06-Mar-23	405d	
DP-I55-CW-5040	Civil Works - Zone I55 - Finishing - Pavement Marking	2d	06-Mar-23	08-Mar-23	405d	
Traction Power & Overhead Line		439d	23-Feb-23	01-Dec-24	0d	
CSR Cabling		237d	23-Feb-23	11-Apr-24	148d	
Structure-to-Track		1d	23-Feb-23	24-Feb-23	379d	
DP-i55-BC-1020	Traction Power - Zone i55 - Bond and Test Structure to Rail	1d	23-Feb-23	24-Feb-23	379d	
Track-to-Track		1d	23-Feb-23	24-Feb-23	379d	
DP-i55-BC-1000	Traction Power - Zone i55 - Connect Bond to Studs	1d	23-Feb-23	24-Feb-23	379d	
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	148d	
DP-i55-HC-1000	Traction Power - Zone i55 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 1) - Pull Cable (Incl Fit Out Pi	15d	15-Jan-24	12-Feb-24	148d	
DP-i55-HC-1020	Traction Power - Zone i55 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 2) - Pull Cable (Incl Fit Out P	15d	15-Jan-24	12-Feb-24	148d	
DP-i55-HC-1040	Traction Power - Zone i55 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	164d	
DP-i55-ST-1000	Traction Power - Zone i55 - Stray Current (120mm2) & PUP Test Sites(Stage 1) - Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	148d	
DP-i55-ST-1020	Traction Power - Zone i55 - Stray Current (120mm2) & PUP Test Sites(Stage 2) - Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	148d	
DP-i55-ST-1040	Traction Power - Zone i55 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	148d	
Pit-to-OLE		6d	09-Mar-24	19-Mar-24	156d	
DP-i55-HC-1100	Traction Power - Zone i55 - WR1/2 - Pull Helper Cables & Bonding (Pit to OLE)	4d	09-Mar-24	14-Mar-24	156d	
DP-i55-HC-1120	Traction Power - Zone i55 - WR1/2 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	2d	14-Mar-24	19-Mar-24	156d	
Overhead Line		161d	15-Apr-24	01-Dec-24	0d	
DP-i55-OH-1020	Traction Power - Zone i55 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	138d	
DP-i55-OH-1040	Traction Power - Zone i55 - Overhead Wiring - Wire Run 1/2 & QA	2d	30-Nov-24	01-Dec-24	0d	
Traffic Control Systems (TCS)		69d	02-Dec-22	18-Apr-23	329d	
DP-I55-TCS-1000	Signal Works - Zone i55/53 - Stg1 - Install Pits and Conduits	2d	02-Dec-22	06-Dec-22	171d	
DP-I55-TCS-1020	Signal Works - Zone i55/53 - Stg2 - Install Pits and Conduits	2d	04-Feb-23	07-Feb-23	171d	
DP-I55-TCS-1040	Signal Works - Zone i55/53 - Footings - Excav/Reo/Pour/Cure	10d	24-Feb-23	10-Mar-23	232d	
DP-I55-TCS-1060	Signal Works - Zone i55/53 - Install Poles, Cables and Lanterns	8d	10-Mar-23	24-Mar-23	329d	
DP-I55-TCS-1080	Signal Works - Zone i55/53 - Install Traffic Detector Loops and Cables(Nights)	8d	24-Mar-23	06-Apr-23	329d	
DP-I55-TCS-1100	Signal Works - Zone i55/53 - Install TCS Cabinets	1d	06-Apr-23	17-Apr-23	329d	
DP-I55-TCS-1120	Signal Works - Zone i55/53 - Install LRV Personality	1d	17-Apr-23	18-Apr-23	329d	
Zone 1B (Ch 33,590 - 33,735) - 145m		637d	04-May-22	01-Dec-24	105d	
Public Utilities Plant Works		154d	04-May-22	08-Dec-22	410d	
DP-1B-MS-1000	PUP Works - Zone 1B - Conduits and Pipes Complete - Civil work to Commence	0d		21-Oct-22	103d	
CoGC - Water		49d	01-Jun-22	15-Aug-22	148d	
DP-1B-WT-3160	PUP Works - Zone 1B - (WA-100-004)	2d	01-Jun-22	03-Jun-22	141d	
DP-1B-WT-1000	PUP Works - Zone 1B - (WA-100-215)	6d	29-Jul-22	11-Aug-22	109d	
DP-1B-WT-3140	PUP Works - Zone 1B - (WA-100-006)	3d	11-Aug-22	15-Aug-22	148d	
CoGC - Sewer		3d	25-Jun-22	29-Jun-22	33d	
DP-1B-SW-1040	PUP Works - Zone 1B - Southbound Goldcoast Hwy to Peerless Ave - Sewer Pipe Reline (SE-100-007)	3d	25-Jun-22	29-Jun-22	33d	
APA Gas		31d	07-Sep-22	21-Oct-22	103d	
Protect / Relocate		8d	07-Sep-22	17-Sep-22	103d	
DP-1B-GA-1000	PUP Works - Zone 1B - FOOTPATH, CROSSING PEERLESS AVE & SUNBRITE AVE - Gas Relocation DN90 IN	8d	07-Sep-22	17-Sep-22	103d	
Cutover		23d	17-Sep-22	21-Oct-22	103d	
DP-1B-GA-1180	PUP Works - Zone 1B - D&C Contractor to Notify APA Gas	20d	17-Sep-22	18-Oct-22	103d	
DP-1B-GA-1200	PUP Works - Zone 1B - APA Gas Cutover (GA-100-003)	3d	18-Oct-22	21-Oct-22	103d	
Energex		66d	06-Sep-22	08-Dec-22	410d	
Pre-Works		1d	06-Sep-22	07-Sep-22	103d	
DP-1B-EG-1070	PUP Works - Zone 1B - Energex to install tigertails	1d	06-Sep-22	07-Sep-22	103d	
Conduits & Pits		14d	06-Sep-22	23-Sep-22	81d	
DP-1B-EG-1000	PUP Works - Zone 1B - Gold Coast Hwy - Energex Xing (EL-100-008 / 012)	14d	06-Sep-22	23-Sep-22	81d	



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Energex Works		65d	07-Sep-22	08-Dec-22	410d
DP-1B-EG-2000	PUP Works - Zone 1B - Gold Coast Hwy - Notification to Energex	50d	07-Sep-22	17-Nov-22	410d
DP-1B-EG-2010	PUP Works - Zone 1B - Gold Coast Hwy - Energex Works & Cutover (EL-100-008 / 012)	15d	17-Nov-22	08-Dec-22	410d
Telstra		11d	04-May-22	20-May-22	205d
Trench (D&C Contractor)		5d	04-May-22	13-May-22	211d
DP-1B-TLS-1000	PUP Works - Zone 1B - Install Protection over Network by D&C Contractor (JH) (TE-100-008 / 146)	5d	04-May-22	13-May-22	211d
Relocate Conduits & Cable Pull (Telstra)		11d	04-May-22	20-May-22	185d
DP-1B-TLS-1210	PUP Works - Zone 1B - Trench & Relocate (TE-100-014)	11d	04-May-22	20-May-22	185d
NBN		20d	29-Jul-22	31-Aug-22	138d
Relocate Conduits & Cable Pull		20d	29-Jul-22	31-Aug-22	138d
DP-1B-NB-1230	PUP Works - Zone 1B - Relocate NBN (TE-100-014a)	20d	29-Jul-22	31-Aug-22	138d
Street Lighting Relocations		3d	21-Oct-22	27-Oct-22	127d
DP-1B-Stl-1000	Lighting Works - Zone 1B - Install Temporary Street Lighting	1d	21-Oct-22	24-Oct-22	127d
DP-1B-Stl-1020	Lighting Works - Zone 1B - Removal of Existing Lighting	2d	24-Oct-22	27-Oct-22	127d
Civil Works - Kerb and Shoulder Lanes		23d	03-Feb-23	10-Mar-23	51d
DP-1B-CW-1520	Civil Works - Zone 1B - Shift Traffic to Median Lanes	1d	03-Feb-23	04-Feb-23	51d
DP-1B-CW-1720	Civil Works - Zone 1B - Remove existing asphalt and subbase	2d	04-Feb-23	07-Feb-23	59d
DP-1B-CW-1480	Civil Works - Zone 1B - Replace kerb and channel at PUP crossings	3d	07-Feb-23	10-Feb-23	59d
DP-1B-CW-2120	Civil Works - Zone 1B - Prepare subgrade	3d	25-Feb-23	02-Mar-23	51d
DP-1B-CW-1620	Civil Works - Zone 1B - Place subbase and base course	1d	02-Mar-23	03-Mar-23	51d
DP-1B-CW-1420	Civil Works - Zone 1B - Place asphalt (Incl Prime and Seal)	4d	03-Mar-23	09-Mar-23	51d
DP-1B-CW-1500	Civil Works - Zone 1B - Shift Traffic to Kerb and Shoulder Lanes	1d	09-Mar-23	10-Mar-23	51d
Civil Works - Stormwater Drainage		27d	04-Feb-23	21-Mar-23	51d
Southbound		8d	04-Feb-23	18-Feb-23	51d
DP-1B-DR-1000	Drainage Works - Zone 1B - Goldcoast Hwy - DN375 Stormwater Drainage - Excav/Lay/Bfill (Southbound)	8d	04-Feb-23	18-Feb-23	51d
Northbound		5d	18-Feb-23	25-Feb-23	51d
DP-1B-DR-1040	Drainage Works - Zone 1B - Goldcoast Hwy - DN375 Stormwater Drainage - Excav/Lay/Bfill (Northbound)	5d	18-Feb-23	25-Feb-23	51d
Undertrack		5d	10-Mar-23	21-Mar-23	51d
DP-1B-DR-1020	Drainage Works - Zone 1B - Goldcoast Hwy - DN375 Stormwater Drainage - Excav/Lay/Bfill (Undertrack)	5d	10-Mar-23	21-Mar-23	51d
Civil Works - Rail Corridor		18d	10-Mar-23	18-Apr-23	51d
DP-1B-CW-1000	Civil Works - Zone 1B - Shift Traffic to Kerb and Shoulder Lanes	0d		10-Mar-23	51d
DP-1B-CW-1040	Civil Works - Zone 1B - Demo/Clear/Grub	1d	10-Mar-23	14-Mar-23	55d
DP-1B-CW-2100	Civil Works - Zone 1B - Profile central median and asphalt	1d	21-Mar-23	22-Mar-23	51d
DP-1B-CW-1100	Civil Works - Zone 1B - Bulk and Detail excavation	3d	22-Mar-23	25-Mar-23	51d
DP-1B-CW-1120	Civil Works - Zone 1B - Flooding and compact subgrade	2d	25-Mar-23	28-Mar-23	51d
DP-1B-CW-1140	Civil Works - Zone 1B - Install CSR conduits and Pits	2d	28-Mar-23	31-Mar-23	51d
DP-1B-CW-1160	Civil Works - Zone 1B - Place and Compact Type 2.1 Road base	2d	31-Mar-23	04-Apr-23	51d
DP-1B-CW-1360	Civil Works - Zone 1B - Final trim and survey	2d	04-Apr-23	17-Apr-23	51d
DP-1B-CW-1180	Civil Works - Zone 1B - Spray bitumen chip seal	1d	17-Apr-23	18-Apr-23	51d
Civil Works - Track		11d	18-Apr-23	09-May-23	51d
DP-1B-TW-1000	Track Works - Zone 1B - Install/weld rail, Rail Systems Loop and form/reo	5d	18-Apr-23	27-Apr-23	51d
DP-1B-TW-1020	Track Works - Zone 1B - Install OLE foundations	5d	18-Apr-23	27-Apr-23	51d
DP-1B-TW-1040	Track Works - Zone 1B - Perform electrical continunity testing/hold points	2d	27-Apr-23	02-May-23	51d
DP-1B-TW-1080	Track Works - Zone 1B - Pour concrete, strip formwork and install lids	4d	02-May-23	09-May-23	51d
Civil Works - Reinstate Track Verge		4d	09-May-23	15-May-23	51d
DP-1B-CW-1200	Civil Works - Zone 1B - Place and Compact Type 2.1 Road base	1d	09-May-23	11-May-23	51d
DP-1B-CW-1700	Civil Works - Zone 1B - FRP Median Kerb	3d	11-May-23	15-May-23	51d
Civil Works - Central Lanes		11d	15-May-23	31-May-23	51d
DP-1B-CW-1820	Civil Works - Zone 1B - Remove existing asphalt and subbase	1d	15-May-23	16-May-23	51d
DP-1B-CW-1840	Civil Works - Zone 1B - Prepare subgrade	2d	16-May-23	18-May-23	51d
DP-1B-CW-1880	Civil Works - Zone 1B - Place subbase and base course	3d	18-May-23	22-May-23	51d
DP-1B-CW-1760	Civil Works - Zone 1B - Place asphalt (Incl Prime and Seal)	4d	22-May-23	30-May-23	51d
DP-1B-CW-1780	Civil Works - Zone 1B - Remove Barriers - Shift Traffic to Permanent Alignment	1d	30-May-23	31-May-23	51d
Civil Works - System Fitout		1d	14-Sep-23	15-Sep-23	197d
DP-1B-CW-1660	Civil Works - Zone 1B - Erect Overhead Wire Poles with Lighting	1d	14-Sep-23	15-Sep-23	197d
Civil Works - Finishing		58d	31-May-23	28-Aug-23	359d
DP-1B-CW-5000	Civil Works - Zone 1B - Finishing - FRP Blister Islands	5d	31-May-23	06-Jun-23	358d
DP-1B-CW-5060	Civil Works - Zone 1B - Finishing - Landscaping	11d	31-May-23	16-Jun-23	406d
DP-1B-CW-5020	Civil Works - Zone 1B - Finishing - Final Asphalt Wearing Course	2d	06-Jun-23	08-Jun-23	358d
DP-1B-CW-5040	Civil Works - Zone 1B - Finishing - Pavement Marking	2d	23-Aug-23	28-Aug-23	309d
Traction Power & Overhead Line		298d	15-Sep-23	01-Dec-24	0d
CSR Cabling		138d	15-Sep-23	22-May-24	122d
Structure-to-Track		1d	15-Sep-23	18-Sep-23	203d
DP-1B-BC-1060	Traction Power - Zone 1B - Bond and Test Structure to Rail	1d	15-Sep-23	18-Sep-23	203d
Track-to-Track		1d	15-Sep-23	18-Sep-23	203d
DP-1B-BC-1020	Traction Power - Zone 1B - Connect Bond to Studs	1d	15-Sep-23	18-Sep-23	203d
Pit-to-Pit		34d	12-Feb-24	16-Apr-24	144d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1B-HC-1020	Traction Power - Zone 1B - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	12-Feb-24	08-Mar-24	144d
DP-1B-HC-1100	Traction Power - Zone 1B - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	08-Mar-24	23-Mar-24	153d
DP-1B-ST-1000	Traction Power - Zone 1B - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	08-Mar-24	12-Apr-24	144d
DP-1B-ST-1020	Traction Power - Zone 1B - Stray Current (120mm2) & PUP Test Sites- Test/Terminate at Pit	3d	12-Apr-24	16-Apr-24	144d
Pit-to-OLE		12d	01-May-24	22-May-24	113d
DP-1B-HC-1040	Traction Power - Zone 1B- WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	01-May-24	17-May-24	113d
DP-1B-HC-1060	Traction Power - Zone 1B- WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	17-May-24	22-May-24	113d
Overhead Line		161d	15-Apr-24	01-Dec-24	0d
DP-1B-OH-1020	Traction Power - Zone 1B - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	82d
DP-1B-OH-1040	Traction Power - Zone 1B - Overhead Wiring - Wire Run 4/5 & QA	4d	24-Apr-24	01-May-24	82d
DP-1B-OH-1100	Traction Power - Zone 1B - Overhead Wiring - Wire Run 1/2 & QA	2d	30-Nov-24	01-Dec-24	0d
Zone i56 Intersection - Med Term Closure - Surfers Ave (Ch 33,735 - 33,770) - 35m		467d	01-Jun-22	01-May-24	184d
Public Utilities Plant Works		318d	01-Jun-22	13-Sep-23	226d
DP-I56-MS-1000	PUP Works - Zone i56 - Conduits and Pipes Complete - Civil work to Commence	0d		20-Jun-23	141d
CoGC - Water		47d	01-Jun-22	11-Aug-22	136d
Water Scope		6d	29-Jul-22	10-Aug-22	136d
DP-i56-WT-1000	PUP Works - Zone i56 - (WA-100-018)	6d	29-Jul-22	10-Aug-22	136d
Service Connections		47d	01-Jun-22	11-Aug-22	136d
DP-i56-WT-S015	PUP Works - Zone i56 - (WA-S-015)	1d	01-Jun-22	02-Jun-22	20d
DP-i56-WT-S011	PUP Works - Zone i56 - (WA-S-011)	1d	10-Aug-22	11-Aug-22	136d
CoGC - Sewer		6d	29-Jun-22	08-Jul-22	33d
DP-i56-SW-1040	PUP Works - Zone i56 - Southbound Goldcoast Hwy to Sunbrite Ave - Sewer Pipe Reline (SE-100-009)	6d	29-Jun-22	08-Jul-22	33d
Energex		82d	20-May-23	13-Sep-23	226d
Pre-Works		1d	09-Jun-23	13-Jun-23	145d
DP-I56-EG-1100	PUP Works - Zone i56 - Energex to install tigertails	1d	09-Jun-23	13-Jun-23	145d
Conduits & Pits		15d	20-May-23	09-Jun-23	141d
DP-I56-EG-1000	PUP Works - Zone i56 - Surfers Ave - Energex Xing (EL-100-013)	15d	20-May-23	09-Jun-23	141d
Energex Works		65d	14-Jun-23	13-Sep-23	226d
DP-I56-EG-2000	PUP Works - Zone i56 - Gold Coast Hwy - Notification to Energex	50d	14-Jun-23	22-Aug-23	226d
DP-I56-EG-2010	PUP Works - Zone i56 - Gold Coast Hwy - Energex Works & Cutover (EL-100-013)	15d	23-Aug-23	13-Sep-23	226d
Telstra		5d	09-Jun-23	20-Jun-23	141d
Trench (D&C Contractor)		5d	09-Jun-23	20-Jun-23	141d
DP-I56-TLS-1000	PUP Works - Zone i56 - Concrete Protection Slab by D&C Contractor (JH) (TE-100-147)	5d	09-Jun-23	20-Jun-23	141d
Street Lighting Relocations		2d	20-Jun-23	22-Jun-23	152d
DP-I56-Stl-1000	Lighting Works - Zone i56 - Install Temporary Street Lighting	1d	20-Jun-23	21-Jun-23	152d
DP-I56-Stl-1020	Lighting Works - Zone i56 - Removal of Existing Lighting	1d	21-Jun-23	22-Jun-23	152d
Civil Works - Kerb and Shoulder Lanes		13d	20-Jun-23	08-Jul-23	141d
DP-I56-CW-1520	Civil Works - Zone i56 - Shift Traffic to Median Lanes	1d	20-Jun-23	21-Jun-23	141d
DP-I56-CW-1720	Civil Works - Zone i56 - Remove existing asphalt and subbase	1d	21-Jun-23	22-Jun-23	145d
DP-I56-CW-1480	Civil Works - Zone i56 - Replace kerb and channel at PUP crossings	0d	22-Jun-23	22-Jun-23	145d
DP-I56-CW-2120	Civil Works - Zone i56 - Prepare subgrade	1d	28-Jun-23	29-Jun-23	141d
DP-I56-CW-1620	Civil Works - Zone i56 - Place subbase and base course	1d	29-Jun-23	30-Jun-23	141d
DP-I56-CW-1420	Civil Works - Zone i56 - Place asphalt (Incl Primer Seal)	4d	30-Jun-23	07-Jul-23	141d
DP-I56-CW-1500	Civil Works - Zone i56 - Shift Traffic to Kerb and Shoulder Lanes	1d	07-Jul-23	08-Jul-23	141d
Civil Works - Stormwater Drainage		5d	21-Jun-23	28-Jun-23	141d
Crossing		5d	21-Jun-23	28-Jun-23	141d
DP-I56-DR-1000	Drainage Works - Zone i56 - Surfers Ave - DN375 Stormwater - Excav/Lay/Bfill (Crossing) (Nightworks)	5d	21-Jun-23	28-Jun-23	141d
Civil Works - Rail Corridor		10d	08-Jul-23	24-Jul-23	141d
DP-I56-CW-1000	Civil Works - Zone i56 - Shift Traffic to Kerb and Shoulder Lanes	0d		08-Jul-23	141d
DP-I56-CW-1040	Civil Works - Zone i56 - Demo/Clear/Grub	1d	08-Jul-23	10-Jul-23	141d
DP-I56-CW-2100	Civil Works - Zone i56 - Profile central median and asphalt	1d	10-Jul-23	11-Jul-23	141d
DP-I56-CW-1100	Civil Works - Zone i56 - Bulk and Detail excavation	2d	13-Jul-23	15-Jul-23	141d
DP-I56-CW-1120	Civil Works - Zone i56 - Flooding and compact subgrade	1d	15-Jul-23	17-Jul-23	141d
DP-I56-CW-1140	Civil Works - Zone i56 - Install CSR conduits and Pits	1d	17-Jul-23	18-Jul-23	142d
DP-I56-CW-1160	Civil Works - Zone i56 - Place and Compact Type 2.1 Road base	1d	19-Jul-23	20-Jul-23	141d
DP-I56-CW-1360	Civil Works - Zone i56 - Final trim and survey	1d	20-Jul-23	21-Jul-23	141d
DP-I56-CW-1180	Civil Works - Zone i56 - Spray bitumen chip seal	1d	21-Jul-23	24-Jul-23	141d
Civil Works - Track		4d	24-Jul-23	28-Jul-23	141d
DP-I56-TW-1000	Track Works - Zone i56 - Install/weld rail, Rail Systems Loop and form/reo	1d	24-Jul-23	25-Jul-23	141d
DP-I56-TW-1020	Track Works - Zone i56 - Install OLE foundations	1d	24-Jul-23	25-Jul-23	141d
DP-I56-TW-1040	Track Works - Zone i56 - Perform electrical continunity testing/hold points	1d	25-Jul-23	26-Jul-23	141d
DP-I56-TW-1080	Track Works - Zone i56 - Pour concrete, strip formwork and install lids	2d	26-Jul-23	28-Jul-23	141d
Civil Works - Reinstate Track Verge		1d	28-Jul-23	29-Jul-23	141d
DP-I56-CW-1200	Civil Works - Zone i56 - Place and Compact Type 2.1 Road base	1d	28-Jul-23	29-Jul-23	141d
Civil Works - Central Lanes		8d	29-Jul-23	10-Aug-23	225d
DP-I56-CW-1820	Civil Works - Zone i56 - Remove existing asphalt and subbase	1d	29-Jul-23	31-Jul-23	141d
DP-I56-CW-1840	Civil Works - Zone i56 - Prepare Subgrade	1d	31-Jul-23	01-Aug-23	141d

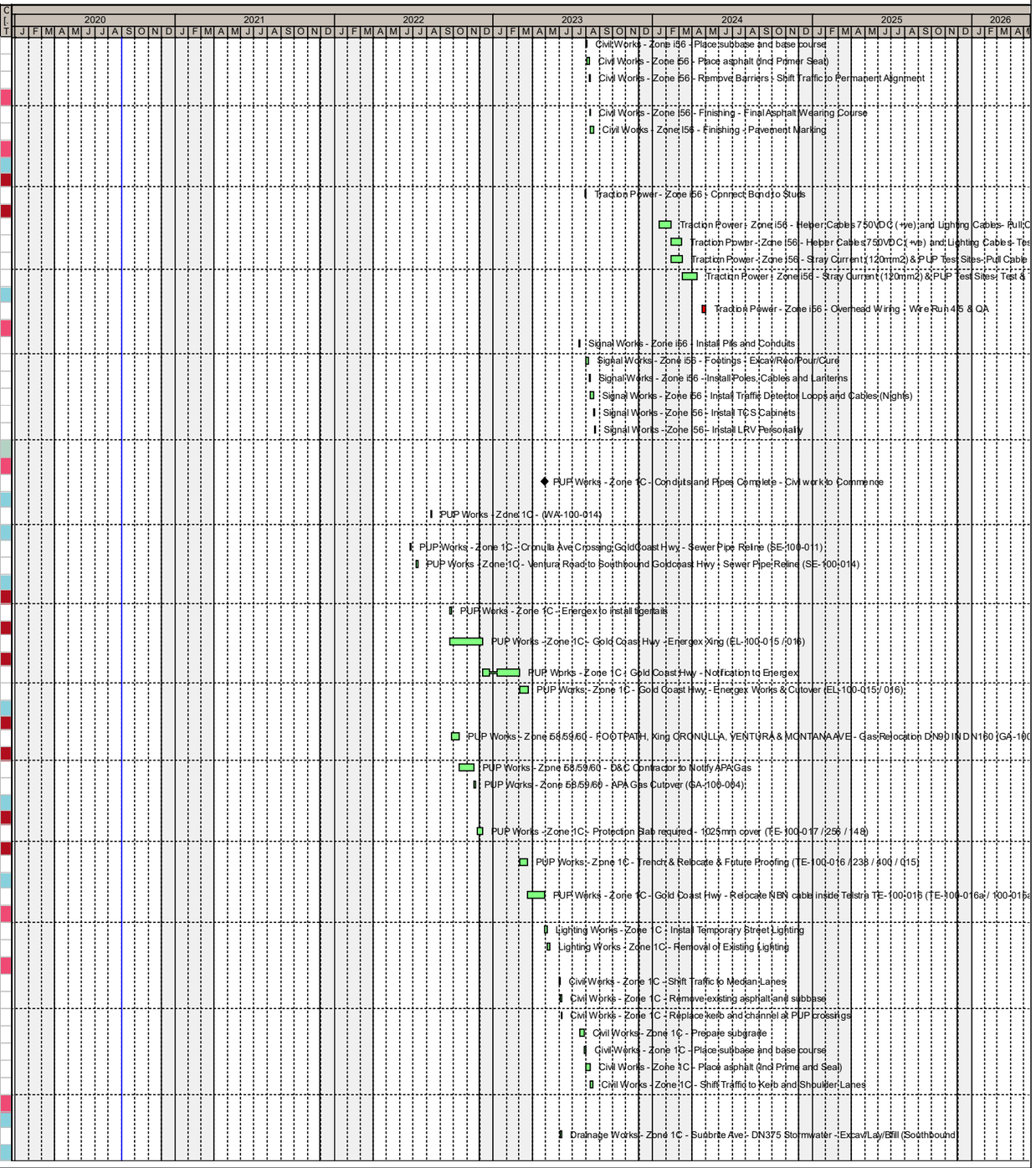


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I56-CW-1880	Civil Works - Zone i56 - Place subbase and base course	1d	01-Aug-23	02-Aug-23	225d
DP-I56-CW-1760	Civil Works - Zone i56 - Place asphalt (Incl Primer Seal)	4d	02-Aug-23	09-Aug-23	225d
DP-I56-CW-1780	Civil Works - Zone i56 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	09-Aug-23	10-Aug-23	225d
Civil Works - Finishing		3d	10-Aug-23	18-Aug-23	309d
DP-I56-CW-5020	Civil Works - Zone I56 - Finishing - Final Asphalt Wearing Course	1d	10-Aug-23	11-Aug-23	309d
DP-I56-CW-5040	Civil Works - Zone I56 - Finishing - Pavement Marking	2d	11-Aug-23	18-Aug-23	309d
Traction Power & Overhead Line		155d	29-Jul-23	01-May-24	125d
CSR Cabling		141d	29-Jul-23	11-Apr-24	139d
Track-to-Track		1d	29-Jul-23	31-Jul-23	232d
DP-i56-BC-1000	Traction Power - Zone i56 - Connect Bond to Studs	1d	29-Jul-23	31-Jul-23	232d
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	139d
DP-i56-HC-1000	Traction Power - Zone i56 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	139d
DP-i56-HC-1020	Traction Power - Zone i56 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	155d
DP-i56-ST-1000	Traction Power - Zone i56 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d
DP-i56-ST-1020	Traction Power - Zone i56 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	139d
Overhead Line		4d	24-Apr-24	01-May-24	82d
DP-i56-OH-1040	Traction Power - Zone i56 - Overhead Wiring - Wire Run 4/5 & QA	4d	24-Apr-24	01-May-24	82d
Traffic Control Systems (TCS)		24d	17-Jul-23	22-Aug-23	247d
DP-I56-TCS-1000	Signal Works - Zone i56 - Install Pits and Conduits	2d	17-Jul-23	19-Jul-23	141d
DP-I56-TCS-1040	Signal Works - Zone i56 - Footings - Excav/Reo/Pour/Cure	4d	01-Aug-23	07-Aug-23	141d
DP-I56-TCS-1060	Signal Works - Zone i56 - Install Poles, Cables and Lanterns	3d	08-Aug-23	11-Aug-23	247d
DP-I56-TCS-1080	Signal Works - Zone i56 - Install Traffic Detector Loops and Cables (Nights)	3d	11-Aug-23	19-Aug-23	247d
DP-I56-TCS-1100	Signal Works - Zone i56 - Install TCS Cabinets	1d	19-Aug-23	21-Aug-23	247d
DP-I56-TCS-1120	Signal Works - Zone i56 - Install LRV Personality	1d	21-Aug-23	22-Aug-23	247d
Zone 1C (Ch 33,770 - 34,065) - 295m		491d	24-Jun-22	27-Jun-24	214d
Public Utilities Plant Works		205d	24-Jun-22	28-Apr-23	322d
DP-1C-MS-1000	PUP Works - Zone 1C- Conduits and Pipes Complete - Civil work to Commence	0d		28-Apr-23	71d
CoGC - Water		2d	11-Aug-22	13-Aug-22	109d
DP-1C-WT-2500	PUP Works - Zone 1C- (WA-100-014)	2d	11-Aug-22	13-Aug-22	109d
CoGC - Sewer		13d	24-Jun-22	12-Jul-22	33d
DP-1C-SW-1070	PUP Works - Zone 1C- Cronulla Ave Crossing GoldCoast Hwy - Sewer Pipe Reline (SE-100-011)	2d	24-Jun-22	27-Jun-22	39d
DP-1C-SW-1100	PUP Works - Zone 1C- Ventura Road to Southbound Goldcoast Hwy - Sewer Pipe Reline (SE-100-014)	3d	08-Jul-22	12-Jul-22	33d
Energex		115d	23-Sep-22	22-Mar-23	347d
Pre-Works		1d	23-Sep-22	26-Sep-22	152d
DP-1C-EG-1150	PUP Works - Zone 1C- Energex to install tigertails	1d	23-Sep-22	26-Sep-22	152d
Conduits & Pits		44d	23-Sep-22	06-Dec-22	81d
DP-1C-EG-1000	PUP Works - Zone 1C- Gold Coast Hwy - Energex Xing (EL-100-015 / 016)	44d	23-Sep-22	06-Dec-22	81d
Energex Works		65d	06-Dec-22	22-Mar-23	347d
DP-1C-EG-2000	PUP Works - Zone 1C- Gold Coast Hwy - Notification to Energex	50d	06-Dec-22	01-Mar-23	347d
DP-1C-EG-2010	PUP Works - Zone 1C- Gold Coast Hwy - Energex Works & Cutover (EL-100-015 / 016)	15d	01-Mar-23	22-Mar-23	347d
APA Gas		35d	26-Sep-22	21-Nov-22	152d
Protect / Relocate		12d	26-Sep-22	15-Oct-22	152d
DP-1C-GA-1020	PUP Works - Zone 58,59,60 - FOOTPATH, Xing CRONULLA, VENTURA & MONTANA AVE - Gas Relocation DN	12d	26-Sep-22	15-Oct-22	152d
Cutover		23d	15-Oct-22	21-Nov-22	152d
DP-1C-GA-1180	PUP Works - Zone 58,59,60 - D&C Contractor to Notify APA Gas	20d	15-Oct-22	17-Nov-22	152d
DP-1C-GA-1200	PUP Works - Zone 58,59,60 - APA Gas Cutover (GA-100-004)	3d	17-Nov-22	21-Nov-22	152d
Telstra		59d	24-Nov-22	20-Mar-23	71d
Trench (D&C Contractor)		5d	24-Nov-22	06-Dec-22	106d
DP-1C-TLS-1220	PUP Works - Zone 1C- Protection Slab required - 1025mm cover (TE-100-017 / 256 / 148)	5d	24-Nov-22	06-Dec-22	106d
Relocate Conduits & Cable Pull		11d	02-Mar-23	20-Mar-23	71d
DP-1C-TLS-1200	PUP Works - Zone 1C- Trench & Relocate & Future Proofing (TE-100-016 / 238 / 400 / 015)	11d	02-Mar-23	20-Mar-23	71d
NBN		20d	20-Mar-23	28-Apr-23	71d
DP-1C-NB-01080	PUP Works - Zone 1C- Gold Coast Hwy - Relocate NBN cable inside Telstra TE-100-016 (TE-100-016a / 100-015	20d	20-Mar-23	28-Apr-23	71d
Street Lighting Relocations		5d	28-Apr-23	09-May-23	135d
DP-1C-Stl-1000	Lighting Works - Zone 1C - Install Temporary Street Lighting	2d	28-Apr-23	03-May-23	135d
DP-1C-Stl-1020	Lighting Works - Zone 1C - Removal of Existing Lighting	3d	03-May-23	09-May-23	135d
Civil Works - Kerb and Shoulder Lanes		52d	31-May-23	17-Aug-23	51d
DP-1C-CW-1520	Civil Works - Zone 1C - Shift Traffic to Median Lanes	2d	31-May-23	02-Jun-23	51d
DP-1C-CW-1720	Civil Works - Zone 1C - Remove existing asphalt and subbase	3d	02-Jun-23	06-Jun-23	79d
DP-1C-CW-1480	Civil Works - Zone 1C - Replace kerb and channel at PUP crossings	0d	06-Jun-23	06-Jun-23	79d
DP-1C-CW-2120	Civil Works - Zone 1C - Prepare subgrade	7d	18-Jul-23	28-Jul-23	51d
DP-1C-CW-1620	Civil Works - Zone 1C - Place subbase and base course	3d	28-Jul-23	01-Aug-23	51d
DP-1C-CW-1420	Civil Works - Zone 1C - Place asphalt (Incl Prime and Seal)	7d	01-Aug-23	10-Aug-23	51d
DP-1C-CW-1500	Civil Works - Zone 1C - Shift Traffic to Kerb and Shoulder Lanes	2d	10-Aug-23	17-Aug-23	51d
Civil Works - Stormwater Drainage		68d	02-Jun-23	14-Sep-23	51d
Southbound		4d	02-Jun-23	07-Jun-23	51d
DP-1C-DR-1020	Drainage Works - Zone 1C - Sunbrite Ave - DN375 Stormwater - Excav/Lay/Bfill (Southbound)	4d	02-Jun-23	07-Jun-23	51d
Northbound		12d	07-Jun-23	27-Jun-23	51d

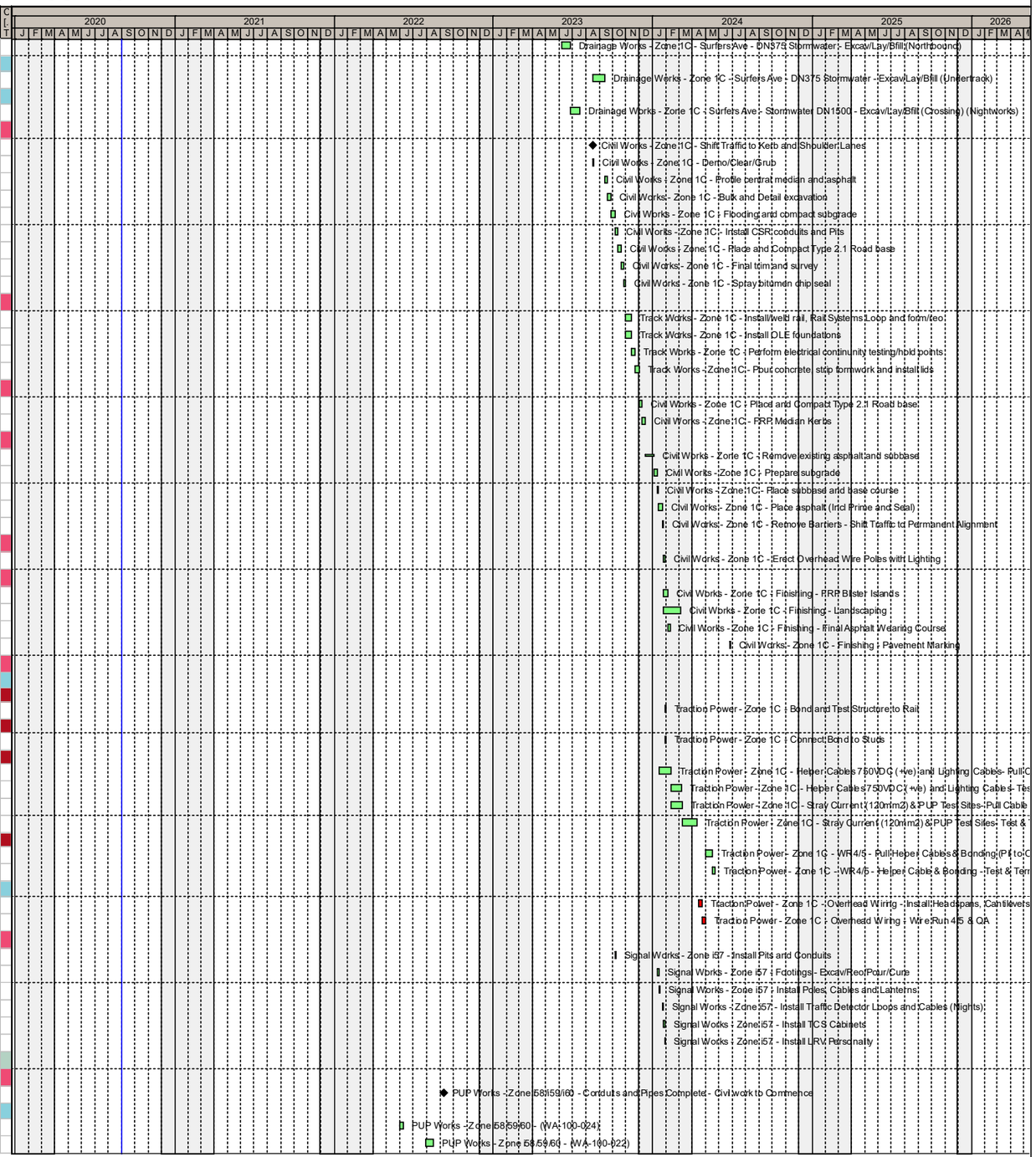


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Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
DP-1C-DR-1000	Drainage Works - Zone 1C - Surfers Ave - DN375 Stormwater - Excav/Lay/Bfill (Northbound)	12d	07-Jun-23	27-Jun-23	51d	
Undertrack		18d	17-Aug-23	14-Sep-23	51d	
DP-1C-DR-1080	Drainage Works - Zone 1C - Surfers Ave - DN375 Stormwater - Excav/Lay/Bfill (Undertrack)	18d	17-Aug-23	14-Sep-23	51d	
Crossing		15d	27-Jun-23	18-Jul-23	51d	
DP-1C-DR-1060	Drainage Works - Zone 1C - Surfers Ave - Stormwater DN1500 - Excav/Lay/Bfill (Crossing) (Nightworks)	15d	27-Jun-23	18-Jul-23	51d	
Civil Works - Rail Corridor		47d	17-Aug-23	30-Oct-23	51d	
DP-1C-CW-1000	Civil Works - Zone 1C - Shift Traffic to Kerb and Shoulder Lanes	0d		17-Aug-23	51d	
DP-1C-CW-1040	Civil Works - Zone 1C - Demo/Clear/Grub	1d	17-Aug-23	18-Aug-23	68d	
DP-1C-CW-2100	Civil Works - Zone 1C - Profile central median and asphalt	3d	14-Sep-23	19-Sep-23	51d	
DP-1C-CW-1100	Civil Works - Zone 1C - Bulk and Detail excavation	7d	20-Sep-23	28-Sep-23	51d	
DP-1C-CW-1120	Civil Works - Zone 1C - Flooding and compact subgrade	5d	28-Sep-23	07-Oct-23	51d	
DP-1C-CW-1140	Civil Works - Zone 1C - Install CSR conduits and Pits	4d	07-Oct-23	13-Oct-23	51d	
DP-1C-CW-1160	Civil Works - Zone 1C - Place and Compact Type 2.1 Road base	4d	13-Oct-23	20-Oct-23	51d	
DP-1C-CW-1360	Civil Works - Zone 1C - Final trim and survey	5d	20-Oct-23	27-Oct-23	51d	
DP-1C-CW-1180	Civil Works - Zone 1C - Spray bitumen chip seal	1d	27-Oct-23	30-Oct-23	51d	
Civil Works - Track		20d	30-Oct-23	02-Dec-23	51d	
DP-1C-TW-1000	Track Works - Zone 1C - Install/weld rail, Rail Systems Loop and form/reo	9d	30-Oct-23	14-Nov-23	51d	
DP-1C-TW-1020	Track Works - Zone 1C - Install OLE foundations	9d	30-Oct-23	14-Nov-23	51d	
DP-1C-TW-1040	Track Works - Zone 1C - Perform electrical continunity testing/hold points	4d	14-Nov-23	21-Nov-23	51d	
DP-1C-TW-1080	Track Works - Zone 1C - Pour concrete, strip formwork and install lids	7d	21-Nov-23	02-Dec-23	51d	
Civil Works - Reinstate Track Verge		8d	02-Dec-23	14-Dec-23	51d	
DP-1C-CW-1200	Civil Works - Zone 1C - Place and Compact Type 2.1 Road base	3d	02-Dec-23	07-Dec-23	51d	
DP-1C-CW-1700	Civil Works - Zone 1C - FRP Median Kerbs	5d	07-Dec-23	14-Dec-23	51d	
Civil Works - Central Lanes		16d	14-Dec-23	25-Jan-24	122d	
DP-1C-CW-1820	Civil Works - Zone 1C - Remove existing asphalt and subbase	2d	14-Dec-23	03-Jan-24	51d	
DP-1C-CW-1840	Civil Works - Zone 1C - Prepare subgrade	5d	03-Jan-24	11-Jan-24	51d	
DP-1C-CW-1880	Civil Works - Zone 1C - Place subbase and base course	2d	11-Jan-24	13-Jan-24	122d	
DP-1C-CW-1760	Civil Works - Zone 1C - Place asphalt (Incl Prime and Seal)	5d	13-Jan-24	23-Jan-24	122d	
DP-1C-CW-1780	Civil Works - Zone 1C - Remove Barriers - Shift Traffic to Permanent Alignment	2d	23-Jan-24	25-Jan-24	122d	
Civil Works - System Fitout		2d	25-Jan-24	30-Jan-24	122d	
DP-1C-CW-1660	Civil Works - Zone 1C - Erect Overhead Wire Poles with Lighting	2d	25-Jan-24	30-Jan-24	122d	
Civil Works - Finishing		90d	25-Jan-24	27-Jun-24	184d	
DP-1C-CW-5000	Civil Works - Zone 1C - Finishing - FRP Blister Islands	5d	25-Jan-24	05-Feb-24	256d	
DP-1C-CW-5060	Civil Works - Zone 1C - Finishing - Landscaping	22d	25-Jan-24	04-Mar-24	252d	
DP-1C-CW-5020	Civil Works - Zone 1C - Finishing - Final Asphalt Wearing Course	3d	05-Feb-24	10-Feb-24	256d	
DP-1C-CW-5040	Civil Works - Zone 1C - Finishing - Pavement Marking	2d	25-Jun-24	27-Jun-24	176d	
Traction Power & Overhead Line		71d	15-Jan-24	22-May-24	113d	
CSR Cabling		71d	15-Jan-24	22-May-24	113d	
Structure-to-Track		1d	30-Jan-24	01-Feb-24	128d	
DP-1C-BC-1100	Traction Power - Zone 1C - Bond and Test Structure to Rail	1d	30-Jan-24	01-Feb-24	128d	
Track-to-Track		1d	30-Jan-24	01-Feb-24	128d	
DP-1C-BC-1000	Traction Power - Zone 1C - Connect Bond to Studs	1d	30-Jan-24	01-Feb-24	128d	
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	139d	
DP-1C-HC-1000	Traction Power - Zone 1C - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	139d	
DP-1C-HC-1020	Traction Power - Zone 1C - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	155d	
DP-1C-ST-1000	Traction Power - Zone 1C - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d	
DP-1C-ST-1020	Traction Power - Zone 1C - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	139d	
Pit-to-OLE		12d	01-May-24	22-May-24	102d	
DP-1C-HC-1040	Traction Power - Zone 1C - WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	01-May-24	17-May-24	102d	
DP-1C-HC-1060	Traction Power - Zone 1C - WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	17-May-24	22-May-24	102d	
Overhead Line		11d	15-Apr-24	01-May-24	82d	
DP-1C-OH-1020	Traction Power - Zone 1C - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	82d	
DP-1C-OH-1040	Traction Power - Zone 1C - Overhead Wiring - Wire Run 4/5 & QA	4d	24-Apr-24	01-May-24	82d	
Traffic Control Systems (TCS)		60d	07-Oct-23	30-Jan-24	157d	
DP-I57-TCS-1000	Signal Works - Zone i57 - Install Pits and Conduits	1d	07-Oct-23	09-Oct-23	54d	
DP-I57-TCS-1040	Signal Works - Zone i57 - Footings - Excav/Reo/Pour/Cure	3d	11-Jan-24	15-Jan-24	51d	
DP-I57-TCS-1060	Signal Works - Zone i57 - Install Poles, Cables and Lanterns	2d	15-Jan-24	18-Jan-24	159d	
DP-I57-TCS-1080	Signal Works - Zone i57 - Install Traffic Detector Loops and Cables (Nights)	2d	23-Jan-24	25-Jan-24	157d	
DP-I57-TCS-1100	Signal Works - Zone i57 - Install TCS Cabinets	1d	25-Jan-24	29-Jan-24	157d	
DP-I57-TCS-1120	Signal Works - Zone i57 - Install LRV Personality	1d	29-Jan-24	30-Jan-24	157d	
Zone i58/59/60 Intersection - Med Closure - Gaven/Montana/Crescent Ave's (Ch 34,065 - 34,210) -145		481d	01-Jun-22	22-May-24	241d	
Public Utilities Plant Works		140d	01-Jun-22	16-Dec-22	404d	
DP-I58-MS-1000	PUP Works - Zone I58/I59/I60 - Conduits and Pipes Complete - Civil work to Commence	0d		08-Sep-22	94d	
CoGC - Water		56d	01-Jun-22	24-Aug-22	103d	
DP-I58-WT-1040	PUP Works - Zone I58/59/60 - (WA-100-024)	5d	01-Jun-22	09-Jun-22	139d	
DP-I58-WT-1020	PUP Works - Zone I58/59/60 - (WA-100-022)	10d	29-Jul-22	16-Aug-22	94d	

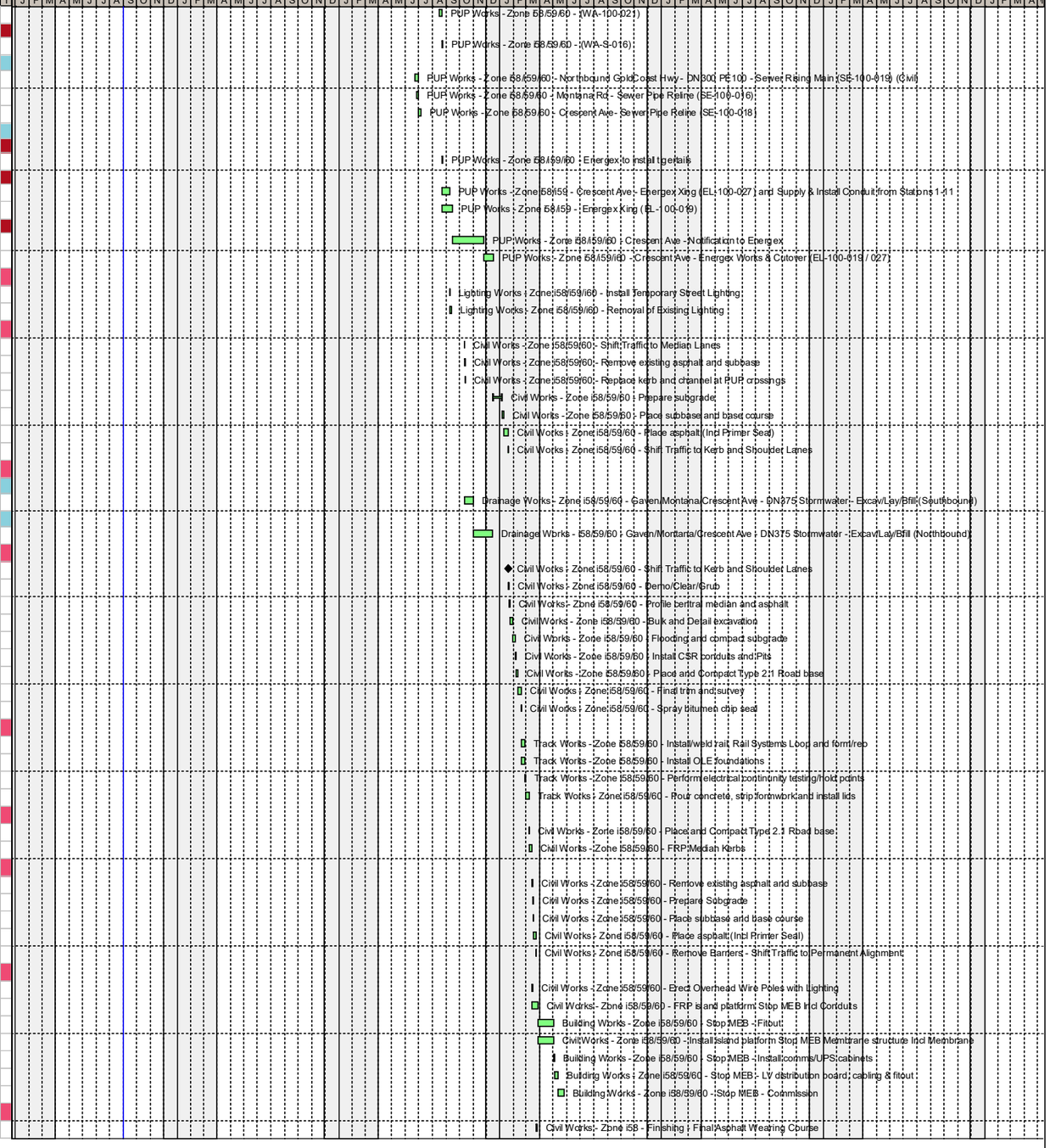


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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I58-WT-1000	PUP Works - Zone I58/59/60 - (WA-100-021)	5d	16-Aug-22	23-Aug-22	94d
Service Connections		1d	23-Aug-22	24-Aug-22	103d
DP-I58-WT-S016	PUP Works - Zone I58/59/60 - (WA-S-016)	1d	23-Aug-22	24-Aug-22	103d
CoGC - Sewer		9d	22-Jun-22	05-Jul-22	39d
DP-I58-SW-1080	PUP Works - Zone I58/59/60 - Northbound GoldCoast Hwy - DN300 PE100 - Sewer Rising Main (SE-100-019) ((	6d	22-Jun-22	29-Jun-22	31d
DP-I58-SW-1010	PUP Works - Zone I58/59/60 - Montana Rd - Sewer Pipe Reline (SE-100-016)	3d	27-Jun-22	30-Jun-22	39d
DP-I58-SW-1060	PUP Works - Zone I58/59/60 - Crescent Ave - Sewer Pipe Reline (SE-100-018)	2d	30-Jun-22	05-Jul-22	39d
Energex		81d	23-Aug-22	16-Dec-22	404d
Pre-Works		1d	23-Aug-22	24-Aug-22	118d
DP-I58-EG-1130	PUP Works - Zone I58/59/60 - Energex to install tgertails	1d	23-Aug-22	24-Aug-22	118d
Conduits & Pits		14d	23-Aug-22	15-Sep-22	351d
DP-I58-EG-1000	PUP Works - Zone I58/59 - Crescent Ave - Energex Xing (EL-100-027) and Supply & Install Conduit from Stations	10d	23-Aug-22	08-Sep-22	94d
DP-I58-EG-1020	PUP Works - Zone I58/59 - Energex Xing (EL-100-019)	14d	23-Aug-22	15-Sep-22	351d
Energex Works		65d	15-Sep-22	16-Dec-22	404d
DP-I58-EG-2000	PUP Works - Zone I58/59/60 - Crescent Ave - Notification to Energex	50d	15-Sep-22	25-Nov-22	404d
DP-I58-EG-2010	PUP Works - Zone I58/59/60 - Crescent Ave - Energex Works & Cutover (EL-100-019 / 027)	15d	25-Nov-22	16-Dec-22	404d
Street Lighting Relocations		3d	08-Sep-22	13-Sep-22	210d
DP-I58-Stl-1000	Lighting Works - Zone i58/59/60 - Install Temporary Street Lighting	1d	08-Sep-22	09-Sep-22	210d
DP-I58-Stl-1020	Lighting Works - Zone i58/59/60 - Removal of Existing Lighting	2d	09-Sep-22	13-Sep-22	210d
Civil Works - Kerb and Shoulder Lanes		62d	12-Oct-22	20-Jan-23	128d
DP-I58-CW-1520	Civil Works - Zone I58/59/60 - Shift Traffic to Median Lanes	1d	12-Oct-22	13-Oct-22	85d
DP-I58-CW-1720	Civil Works - Zone I58/59/60 - Remove existing asphalt and subbase	2d	13-Oct-22	15-Oct-22	152d
DP-I58-CW-1480	Civil Works - Zone I58/59/60 - Replace kerb and channel at PUP crossings	0d	15-Oct-22	15-Oct-22	152d
DP-I58-CW-2120	Civil Works - Zone I58/59/60 - Prepare subgrade	3d	15-Dec-22	05-Jan-23	115d
DP-I58-CW-1620	Civil Works - Zone I58/59/60 - Place subbase and base course	1d	06-Jan-23	09-Jan-23	115d
DP-I58-CW-1420	Civil Works - Zone I58/59/60 - Place asphalt (Incl Primer Seal)	5d	09-Jan-23	19-Jan-23	115d
DP-I58-CW-1500	Civil Works - Zone I58/59/60 - Shift Traffic to Kerb and Shoulder Lanes	1d	19-Jan-23	20-Jan-23	128d
Civil Works - Stormwater Drainage		39d	13-Oct-22	15-Dec-22	72d
Southbound		14d	13-Oct-22	02-Nov-22	72d
DP-I58/I59-DR-1100	Drainage Works - Zone i58/59/60 - Gaven/Montana/Crescent Ave - DN375 Stormwater - Excav/Lay/Bfill (Southbo	14d	13-Oct-22	02-Nov-22	72d
Northbound		25d	02-Nov-22	15-Dec-22	72d
DP-I58/I59-DR-1080	Drainage Works - I58/59/60 - Gaven/Montana/Crescent Ave - DN375 Stormwater - Excav/Lay/Bfill (Northbound)	25d	02-Nov-22	15-Dec-22	72d
Civil Works - Rail Corridor		19d	20-Jan-23	18-Feb-23	115d
DP-I58-CW-1000	Civil Works - Zone I58/59/60 - Shift Traffic to Kerb and Shoulder Lanes	0d		20-Jan-23	115d
DP-I58-CW-1040	Civil Works - Zone I58/59/60 - Demo/Clear/Grub	1d	20-Jan-23	21-Jan-23	115d
DP-I58-CW-2100	Civil Works - Zone I58/59/60 - Profile central median and asphalt	1d	21-Jan-23	23-Jan-23	115d
DP-I58-CW-1100	Civil Works - Zone I58/59/60 - Bulk and Detail excavation	5d	23-Jan-23	30-Jan-23	115d
DP-I58-CW-1120	Civil Works - Zone I58/59/60 - Flooding and compact subgrade	3d	30-Jan-23	03-Feb-23	115d
DP-I58-CW-1140	Civil Works - Zone I58/59/60 - Install CSR conduits and Pits	2d	03-Feb-23	06-Feb-23	115d
DP-I58-CW-1160	Civil Works - Zone I58/59/60 - Place and Compact Type 2.1 Road base	3d	06-Feb-23	10-Feb-23	115d
DP-I58-CW-1360	Civil Works - Zone I58/59/60 - Final trim and survey	3d	10-Feb-23	17-Feb-23	115d
DP-I58-CW-1180	Civil Works - Zone I58/59/60 - Spray bitumen chip seal	1d	17-Feb-23	18-Feb-23	115d
Civil Works - Track		11d	18-Feb-23	07-Mar-23	115d
DP-I58-TW-1000	Track Works - Zone i58/59/60 - Install/weld rail, Rail Systems Loop and form/reo	5d	18-Feb-23	25-Feb-23	115d
DP-I58-TW-1020	Track Works - Zone I58/59/60 - Install OLE foundations	5d	18-Feb-23	25-Feb-23	115d
DP-I58-TW-1040	Track Works - Zone i58/59/60 - Perform electrical continunity testing/hold points	2d	25-Feb-23	28-Feb-23	115d
DP-I58-TW-1080	Track Works - Zone i58/59/60 - Pour concrete, strip formwork and install lids	4d	28-Feb-23	07-Mar-23	115d
Civil Works - Reinstate Track Verge		3d	07-Mar-23	14-Mar-23	115d
DP-I58-CW-1200	Civil Works - Zone I58/59/60 - Place and Compact Type 2.1 Road base	1d	07-Mar-23	08-Mar-23	115d
DP-I58-CW-1700	Civil Works - Zone I58/59/60 - FRP Median Kerbs	2d	08-Mar-23	14-Mar-23	115d
Civil Works - Central Lanes		8d	14-Mar-23	24-Mar-23	128d
DP-I58-CW-1820	Civil Works - Zone I58/59/60 - Remove existing asphalt and subbase	1d	14-Mar-23	16-Mar-23	115d
DP-I58-CW-1840	Civil Works - Zone I58/59/60 - Prepare Subgrade	1d	16-Mar-23	17-Mar-23	115d
DP-I58-CW-1880	Civil Works - Zone I58/59/60 - Place subbase and base course	1d	17-Mar-23	18-Mar-23	115d
DP-I58-CW-1760	Civil Works - Zone I58/59/60 - Place asphalt (Incl Primer Seal)	4d	18-Mar-23	23-Mar-23	115d
DP-I58-CW-1780	Civil Works - Zone I58/59/60 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	23-Mar-23	24-Mar-23	128d
Civil Works - System Fitout		49d	14-Mar-23	26-May-23	325d
DP-I58-CW-1660	Civil Works - Zone I58/59/60 - Erect Overhead Wire Poles with Lighting	1d	14-Mar-23	16-Mar-23	310d
DP-I58-CW-1680	Civil Works - Zone I58/59/60 - FRP island platform Stop MEB Incl Conduits	10d	14-Mar-23	27-Mar-23	201d
DP-I58-BW-1040	Building Works - Zone I58/59/60 - Stop MEB - Fitout	15d	27-Mar-23	02-May-23	201d
DP-I58-CW-1900	Civil Works - Zone I58/59/60 - Install island platform Stop MEB Membrane structure Incl Membrane	15d	27-Mar-23	02-May-23	304d
DP-I58-BW-1060	Building Works - Zone I58/59/60 - Stop MEB - Install comms/UPS cabinets	1d	02-May-23	03-May-23	201d
DP-I58-BW-1080	Building Works - Zone I58/59/60 - Stop MEB - LV distribution board, cabling & fitout	5d	03-May-23	12-May-23	201d
DP-I58-BW-1100	Building Works - Zone I58/59/60 - Stop MEB - Commission	10d	12-May-23	26-May-23	288d
Civil Works - Finishing		27d	24-Mar-23	17-May-23	426d
DP-I58-CW-5020	Civil Works - Zone I58 - Finishing - Final Asphalt Wearing Course	1d	24-Mar-25	25-Mar-25	394d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DP-I58-CW-5040	Civil Works - Zone i58 - Finishing - Pavement Marking	2d	25-Mar-23	28-Mar-23	394d	
DP-I58-CW-5060	Civil Works - Zone i58 - Finishing - Landscaping	11d	28-Apr-23	17-May-23	426d	
Traffic Control Systems (TCS)		37d	03-Feb-23	03-Apr-23	332d	
DP-I58-TCS-1000	Signal Works - Zone i58/59 - Install Pits and Conduits	2d	03-Feb-23	06-Feb-23	115d	
DP-I58-TCS-1040	Signal Works - Zone i58/59 - Footings - Excav/Reo/Pour/Cure	6d	17-Mar-23	24-Mar-23	224d	
DP-I58-TCS-1080	Signal Works - Zone i58/59 - Install Traffic Detector Loops and Cables (Nights)	4d	23-Mar-23	28-Mar-23	335d	
DP-I58-TCS-1060	Signal Works - Zone i58/59 - Install Poles, Cables and Lanterns	4d	24-Mar-23	30-Mar-23	332d	
DP-I58-TCS-1100	Signal Works - Zone i58/59 - Install TCS Cabinets	1d	30-Mar-23	31-Mar-23	332d	
DP-I58-TCS-1120	Signal Works - Zone i58/59 - Install LRV Personality	1d	31-Mar-23	03-Apr-23	332d	
Traction Power & Overhead Line		251d	16-Mar-23	22-May-24	113d	
CSR Cabling		251d	16-Mar-23	22-May-24	113d	
Structure-to-Track		1d	16-Mar-23	17-Mar-23	316d	
DP-I58-BC-1120	Traction Power - Zone i58/i59/60 - Bond and Test Structure to Rail	1d	16-Mar-23	17-Mar-23	316d	
Track-to-Track		1d	16-Mar-23	17-Mar-23	316d	
DP-I58-BC-1000	Traction Power - Zone i58/i59/60 - Connect Bond to Studs	1d	16-Mar-23	17-Mar-23	316d	
Pit-to-Pit		34d	15-Jan-24	13-Mar-24	150d	
DP-I58-HC-1000	Traction Power - Zone i58/i59/60 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	150d	
DP-I58-HC-1160	Traction Power - Zone i58/i59/60 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	3d	12-Feb-24	15-Feb-24	166d	
DP-I58-ST-1020	Traction Power - Zone i58/i59/60 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	150d	
DP-I58-ST-1040	Traction Power - Zone i58/i59/60 - Stray Current (120mm2) & PUP Test Sites- Terminate & Test	3d	09-Mar-24	13-Mar-24	150d	
Pit-to-OLE		12d	01-May-24	22-May-24	113d	
DP-I58-HC-1100	Traction Power - Zone i58/59/60 - WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	01-May-24	17-May-24	113d	
DP-I58-HC-1120	Traction Power - Zone i58/59/60 - WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	17-May-24	22-May-24	113d	
Overhead Line		11d	15-Apr-24	01-May-24	82d	
DP-I58-OH-1020	Traction Power - Zone i58/i59/60 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	82d	
DP-I58-OH-1040	Traction Power - Zone i58/i59/60 - Overhead Wiring - Wire Run 4/5 & QA	4d	24-Apr-24	01-May-24	82d	
Zone 1D (Ch 34,210 - 34,490) - 280m		471d	15-Jun-22	22-May-24	241d	
Public Utilities Plant Works		147d	15-Jun-22	23-Jan-23	387d	
DP-1D-MS-1000	PUP Works - Zone 1D - Conduits and Pipes Complete - Civil work to Commence	0d		10-Oct-22	85d	
CoGC - Water		5d	15-Jun-22	21-Jun-22	146d	
DP-1D-WT-1960	PUP Works - Zone 1D - (WA-100-031)	2d	15-Jun-22	17-Jun-22	149d	
DP-1D-WT-1920	PUP Works - Zone 1D - (WA-100-029)	3d	15-Jun-22	18-Jun-22	146d	
DP-1D-WT-1940	PUP Works - Zone 1D - (WA-100-030)	2d	18-Jun-22	21-Jun-22	146d	
CoGC - Sewer		15d	29-Jun-22	22-Jul-22	45d	
DP-1D-SW-1140	PUP Works - Zone 1D - Northbound GoldCoast Hwy - DN300 PE100 - Sewer Rising Main (SE-100-019) (Civil)	11d	29-Jun-22	15-Jul-22	31d	
DP-1D-SW-1060	PUP Works - Zone 1D - Southbound Goldcoast Hwy from Montana - Sewer Pipe Reline (SE-100-017)	4d	12-Jul-22	19-Jul-22	33d	
DP-1D-SW-1120	PUP Works - Zone 1D - Ocean St to Southbound Goldcoast Hwy - Sewer Pipe Reline (SE-100-023)	2d	20-Jul-22	22-Jul-22	45d	
Energex		121d	21-Jul-22	23-Jan-23	387d	
Pre-Works		1d	21-Jul-22	22-Jul-22	81d	
DP-1D-EG-1170	PUP Works - Zone 1D - Energex to install tigertails	1d	21-Jul-22	22-Jul-22	81d	
Conduits & Pits		53d	21-Jul-22	10-Oct-22	28d	
DP-1D-EG-1000	PUP Works - Zone 1D - Gold Coast Hwy - Energex Xing (EL-100-022 / 024 / 026 / 032)	53d	21-Jul-22	10-Oct-22	28d	
Energex Works		65d	10-Oct-22	23-Jan-23	387d	
DP-1D-EG-2000	PUP Works - Zone 1D - Gold Coast Hwy - Notification to Energex	50d	10-Oct-22	19-Dec-22	387d	
DP-1D-EG-2010	PUP Works - Zone 1D - Gold Coast Hwy - Energex Works & Cutover (EL-100-022 / 024 / 026 / 032 / 038)	15d	19-Dec-22	23-Jan-23	387d	
APA Gas		39d	10-Aug-22	05-Oct-22	88d	
Protect / Relocate		16d	10-Aug-22	01-Sep-22	63d	
DP-1D-GA-1040	PUP Works - Zone 1D - FOOTPATH - Gas Relocation DN63 IN DN110 (GA-100-007)	16d	10-Aug-22	01-Sep-22	63d	
Cutover		23d	01-Sep-22	05-Oct-22	88d	
DP-1D-GA-1025	PUP Works - Zone 1D - FOOTPATH - D&C Contractor to Notify APA Gas	20d	01-Sep-22	29-Sep-22	88d	
DP-1D-GA-1045	PUP Works - Zone 1D - FOOTPATH - APA Gas Cutover (GA-100-007)	3d	29-Sep-22	05-Oct-22	88d	
Telstra		11d	05-Jul-22	20-Jul-22	125d	
Relocate Conduits & Cable Pull		11d	05-Jul-22	20-Jul-22	125d	
DP-1D-TLS-1210	PUP Works - Zone 1D - Trench & Relocate & Future Proofing (TE-100-029 / 401 / 246)	11d	05-Jul-22	20-Jul-22	125d	
NBN		20d	20-Jul-22	19-Aug-22	127d	
DP-1D-NB-1490	PUP Works - Zone 1D - Relocate NBN cable inside Telstra TE-100-016 (TE-100-029a / 30a)	20d	20-Jul-22	19-Aug-22	127d	
Street Lighting Relocations		4d	10-Oct-22	14-Oct-22	161d	
DP-1D-Stl-1000	Lighting Works - Zone 1D - Install Temporary Street Lighting	1d	10-Oct-22	11-Oct-22	161d	
DP-1D-Stl-1020	Lighting Works - Zone 1D - Removal of Existing Lighting	3d	11-Oct-22	14-Oct-22	161d	
Civil Works - Kerb and Shoulder Lanes		35d	10-Oct-22	28-Nov-22	114d	
DP-1D-CW-1520	Civil Works - Zone 1D - Shift Traffic to Median Lanes Lanes	2d	10-Oct-22	12-Oct-22	85d	
DP-1D-CW-1720	Civil Works - Zone 1D - Remove existing asphalt and subbase	3d	13-Oct-22	17-Oct-22	103d	
DP-1D-CW-1480	Civil Works - Zone 1D - Replace kerb and channel at PUP crossings	0d	17-Oct-22	17-Oct-22	103d	
DP-1D-CW-2120	Civil Works - Zone 1D - Prepare subgrade	7d	28-Oct-22	10-Nov-22	95d	
DP-1D-CW-1620	Civil Works - Zone 1D - Place subbase and base course	3d	10-Nov-22	15-Nov-22	95d	
DP-1D-CW-1420	Civil Works - Zone 1D - Place asphalt (Incl Prime and Seal)	7d	15-Nov-22	24-Nov-22	95d	
DP-1D-CW-1500	Civil Works - Zone 1D - Shift Traffic to Kerb and Shoulder Lanes	2d	24-Nov-22	28-Nov-22	114d	
Civil Works - Stormwater Drainage		45d	13-Oct-22	10-Jan-23	95d	



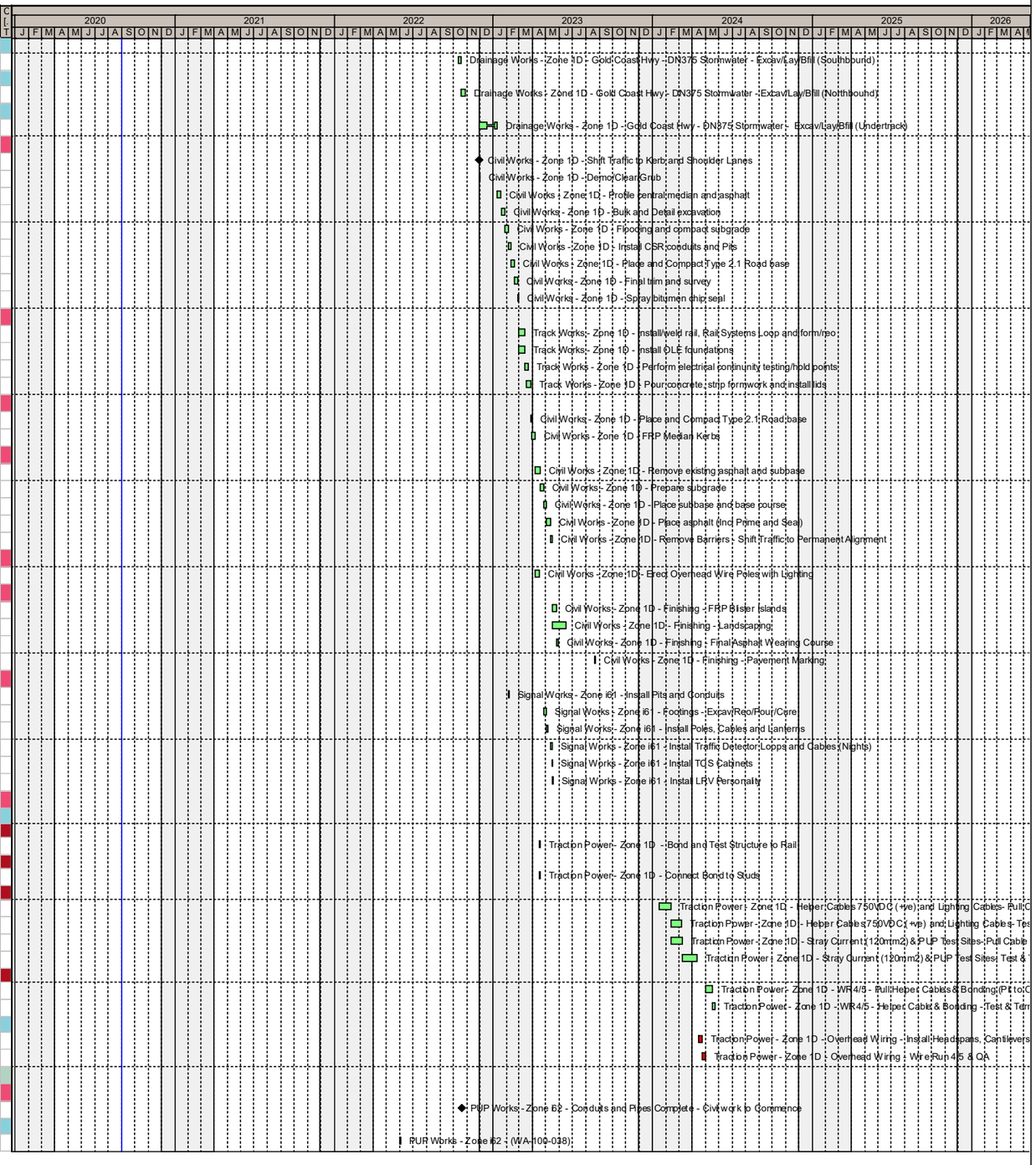
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Southbound		4d	13-Oct-22	18-Oct-22	95d
DP-1D-DR-1080	Drainage Works - Zone 1D - Gold Coast Hwy - DN375 Stormwater - Excav/Lay/Bfill (Southbound)	4d	13-Oct-22	18-Oct-22	95d
Northbound		7d	18-Oct-22	28-Oct-22	95d
DP-1D-DR-1020	Drainage Works - Zone 1D - Gold Coast Hwy - DN375 Stormwater - Excav/Lay/Bfill (Northbound)	7d	18-Oct-22	28-Oct-22	95d
Undertrack		16d	29-Nov-22	10-Jan-23	95d
DP-1D-DR-1000	Drainage Works - Zone 1D - Gold Coast Hwy - DN375 Stormwater - Excav/Lay/Bfill (Undertrack)	16d	29-Nov-22	10-Jan-23	95d
Civil Works - Rail Corridor		45d	29-Nov-22	27-Feb-23	95d
DP-1D-CW-1000	Civil Works - Zone 1D - Shift Traffic to Kerb and Shoulder Lanes	0d		29-Nov-22	95d
DP-1D-CW-1040	Civil Works - Zone 1D - Demo/Clear/Grub	1d	29-Nov-22	01-Dec-22	110d
DP-1D-CW-2100	Civil Works - Zone 1D - Profile central median and asphalt	3d	10-Jan-23	17-Jan-23	95d
DP-1D-CW-1100	Civil Works - Zone 1D - Bulk and Detail excavation	7d	19-Jan-23	28-Jan-23	95d
DP-1D-CW-1120	Civil Works - Zone 1D - Flooding and compact subgrade	5d	28-Jan-23	04-Feb-23	95d
DP-1D-CW-1140	Civil Works - Zone 1D - Install CSR conduits and Pits	4d	04-Feb-23	09-Feb-23	95d
DP-1D-CW-1160	Civil Works - Zone 1D - Place and Compact Type 2.1 Road base	4d	09-Feb-23	18-Feb-23	95d
DP-1D-CW-1360	Civil Works - Zone 1D - Final trim and survey	5d	18-Feb-23	25-Feb-23	95d
DP-1D-CW-1180	Civil Works - Zone 1D - Spray bitumen chip seal	1d	25-Feb-23	27-Feb-23	95d
Civil Works - Track		18d	27-Feb-23	27-Mar-23	95d
DP-1D-TW-1000	Track Works - Zone 1D - Install/weld rail, Rail Systems Loop and form/reo	9d	27-Feb-23	14-Mar-23	95d
DP-1D-TW-1020	Track Works - Zone 1D - Install OLE foundations	9d	27-Feb-23	14-Mar-23	95d
DP-1D-TW-1040	Track Works - Zone 1D - Perform electrical continunity testing/hold points	4d	14-Mar-23	21-Mar-23	95d
DP-1D-TW-1080	Track Works - Zone 1D - Pour concrete, strip formwork and install lids	7d	17-Mar-23	27-Mar-23	95d
Civil Works - Reinstate Track Verge		6d	27-Mar-23	06-Apr-23	95d
DP-1D-CW-1200	Civil Works - Zone 1D - Place and Compact Type 2.1 Road base	2d	27-Mar-23	30-Mar-23	95d
DP-1D-CW-1700	Civil Works - Zone 1D - FRP Median Kerbs	4d	30-Mar-23	06-Apr-23	95d
Civil Works - Central Lanes		24d	06-Apr-23	16-May-23	100d
DP-1D-CW-1820	Civil Works - Zone 1D - Remove existing asphalt and subbase	2d	06-Apr-23	18-Apr-23	95d
DP-1D-CW-1840	Civil Works - Zone 1D - Prepare subgrade	5d	18-Apr-23	26-Apr-23	95d
DP-1D-CW-1880	Civil Works - Zone 1D - Place subbase and base course	3d	27-Apr-23	03-May-23	95d
DP-1D-CW-1760	Civil Works - Zone 1D - Place asphalt (Incl Prime and Seal)	5d	03-May-23	12-May-23	95d
DP-1D-CW-1780	Civil Works - Zone 1D - Remove Barriers - Shift Traffic to Permanent Alignment	2d	12-May-23	16-May-23	100d
Civil Works - System Fitout		1d	06-Apr-23	17-Apr-23	294d
DP-1D-CW-1660	Civil Works - Zone 1D - Erect Overhead Wire Poles with Lighting	1d	06-Apr-23	17-Apr-23	294d
Civil Works - Finishing		67d	16-May-23	23-Aug-23	361d
DP-1D-CW-5000	Civil Works - Zone 1D - Finishing - FRP Blister Islands	7d	16-May-23	25-May-23	363d
DP-1D-CW-5060	Civil Works - Zone 1D - Finishing - Landscaping	21d	16-May-23	16-Jun-23	406d
DP-1D-CW-5020	Civil Works - Zone 1D - Finishing - Final Asphalt Wearing Course	3d	25-May-23	30-May-23	363d
DP-1D-CW-5040	Civil Works - Zone 1D - Finishing - Pavement Marking	2d	21-Aug-23	23-Aug-23	309d
Traffic Control Systems (TCS)		57d	04-Feb-23	17-May-23	311d
DP-I61-TCS-1000	Signal Works - Zone i61 - Install Pits and Conduits	1d	04-Feb-23	06-Feb-23	98d
DP-I61-TCS-1040	Signal Works - Zone i61 - Footings - Excav/Reo/Pour/Cure	3d	27-Apr-23	03-May-23	253d
DP-I61-TCS-1060	Signal Works - Zone i61 - Install Poles, Cables and Lanterns	2d	03-May-23	05-May-23	314d
DP-I61-TCS-1080	Signal Works - Zone i61 - Install Traffic Detector Loops and Cables (Nights)	2d	12-May-23	15-May-23	311d
DP-I61-TCS-1100	Signal Works - Zone i61 - Install TCS Cabinets	1d	15-May-23	16-May-23	311d
DP-I61-TCS-1120	Signal Works - Zone i61 - Install LRV Personality	1d	16-May-23	17-May-23	311d
Traction Power & Overhead Line		235d	17-Apr-23	22-May-24	113d
CSR Cabling		235d	17-Apr-23	22-May-24	113d
Structure-to-Track		1d	17-Apr-23	18-Apr-23	300d
DP-1D-BC-1140	Traction Power - Zone 1D - Bond and Test Structure to Rail	1d	17-Apr-23	18-Apr-23	300d
Track-to-Track		1d	17-Apr-23	18-Apr-23	300d
DP-1D-BC-1000	Traction Power - Zone 1D - Connect Bond to Studs	1d	17-Apr-23	18-Apr-23	300d
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	139d
DP-1D-HC-1000	Traction Power - Zone 1D - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	139d
DP-1D-HC-1100	Traction Power - Zone 1D - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	155d
DP-1D-ST-1020	Traction Power - Zone 1D - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d
DP-1D-ST-1040	Traction Power - Zone 1D - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	139d
Pit-to-OLE		12d	01-May-24	22-May-24	113d
DP-1D-HC-1040	Traction Power - Zone 1D - WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	01-May-24	17-May-24	113d
DP-1D-HC-1060	Traction Power - Zone 1D - WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	17-May-24	22-May-24	113d
Overhead Line		11d	15-Apr-24	01-May-24	82d
DP-1D-OH-1020	Traction Power - Zone 1D - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	82d
DP-1D-OH-1040	Traction Power - Zone 1D - Overhead Wiring - Wire Run 4/5 & QA	4d	24-Apr-24	01-May-24	82d
Zone i62 Intersection - Med Term Closure - Venice St (Ch34,490 - 34,530) - 40m		481d	01-Jun-22	22-May-24	177d
Public Utilities Plant Works		101d	01-Jun-22	21-Oct-22	227d
DP-I62-MS-1000	PUP Works - Zone i62 - Conduits and Pipes Complete - Civil work to Commence	0d		21-Oct-22	227d
CoGC - Water		42d	01-Jun-22	02-Aug-22	251d
DP-i62-WT-1040	PUP Works - Zone i62 - (WA-100-038)	2d	01-Jun-22	03-Jun-22	291d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-i62-WT-1030	PUP Works - Zone i62 - (WA-100-037)	2d	15-Jun-22	17-Jun-22	283d
DP-i62-WT-1050	PUP Works - Zone i62 - (WA-100-229)	2d	29-Jul-22	02-Aug-22	251d
CoGC - Sewer		2d	15-Jul-22	19-Jul-22	53d
DP-i58-SW-1100	PUP Works - Zone i62 - Northbound GoldCoast Hwy - DN300 PE100 - Sewer Rising Main (SE-100-019) (Civil)	2d	15-Jul-22	19-Jul-22	53d
Telstra		5d	20-Jul-22	26-Jul-22	256d
Trench (D&C Contractor)		5d	20-Jul-22	26-Jul-22	256d
DP-I62-TLS-1280	PUP Works - Zone i62 - Protection Slab by D&C Contractor (JH) - 300 cover (TE-100-157)	5d	20-Jul-22	26-Jul-22	256d
Street Lighting Relocations		2d	24-Oct-22	25-Oct-22	240d
DP-I62-Stl-1000	Lighting Works - Zone i62 - Install Temporary Street Lighting	1d	24-Oct-22	24-Oct-22	240d
DP-I62-Stl-1020	Lighting Works - Zone i62 - Removal of Existing Lighting	1d	25-Oct-22	25-Oct-22	240d
Civil Works - Kerb and Shoulder Lanes		15d	24-Mar-23	18-Apr-23	123d
DP-I62-CW-1520	Civil Works - Zone i62 - Shift Traffic to Median Lanes	1d	24-Mar-23	27-Mar-23	128d
DP-I62-CW-1720	Civil Works - Zone i62 - Remove existing asphalt and subbase	1d	27-Mar-23	28-Mar-23	114d
DP-I62-CW-1480	Civil Works - Zone i62 - Replace kerb and channel at PUP crossings	0d	28-Mar-23	28-Mar-23	114d
DP-I62-CW-2120	Civil Works - Zone i62 - Prepare subgrade	1d	28-Mar-23	30-Mar-23	114d
DP-I62-CW-1620	Civil Works - Zone i62 - Place subbase and base course	1d	30-Mar-23	31-Mar-23	114d
DP-I62-CW-1420	Civil Works - Zone i62 - Place asphalt (Incl Primer Seal)	4d	31-Mar-23	17-Apr-23	114d
DP-I62-CW-1500	Civil Works - Zone i62 - Shift Traffic to Kerb and Shoulder Lanes	1d	17-Apr-23	18-Apr-23	123d
Civil Works - Stormwater Drainage		14d	27-Mar-23	28-Apr-23	114d
Northbound		1d	27-Mar-23	28-Mar-23	114d
DP-I62-DR-1020	Drainage Works - Zone i62 - Venice St - DN375 Stormwater - Excav/Lay/Bfill (Northbound)(night)	1d	27-Mar-23	28-Mar-23	114d
Undertrack		6d	18-Apr-23	28-Apr-23	114d
DP-I62-DR-1000	Drainage Works - Zone i62 - Venice St - DN375 Stormwater - Excav/Lay/Bfill (Undertrack)	6d	18-Apr-23	28-Apr-23	114d
Civil Works - Rail Corridor		15d	18-Apr-23	15-May-23	114d
DP-I62-CW-1000	Civil Works - Zone i62 - Shift Traffic to Kerb and Shoulder Lanes	0d		18-Apr-23	114d
DP-I62-CW-1040	Civil Works - Zone i62 - Demo/Clear/Grub	1d	18-Apr-23	20-Apr-23	119d
DP-I62-CW-2100	Civil Works - Zone i62 - Profile central median and asphalt	1d	28-Apr-23	02-May-23	114d
DP-I62-CW-1100	Civil Works - Zone i62 - Bulk and Detail excavation	2d	02-May-23	04-May-23	114d
DP-I62-CW-1120	Civil Works - Zone i62 - Flooding and compact subgrade	1d	04-May-23	05-May-23	114d
DP-I62-CW-1140	Civil Works - Zone i62 - Install CSR conduits and Pits	1d	05-May-23	09-May-23	115d
DP-I62-CW-1160	Civil Works - Zone i62 - Place and Compact Type 2.1 Road base	1d	11-May-23	12-May-23	114d
DP-I62-CW-1360	Civil Works - Zone i62 - Final trim and survey	1d	12-May-23	13-May-23	114d
DP-I62-CW-1180	Civil Works - Zone i62 - Spray bitumen chip seal	1d	13-May-23	15-May-23	114d
Civil Works - Track		4d	15-May-23	19-May-23	114d
DP-I62-TW-1000	Track Works - Zone i62 - Install/weld rail, Rail Systems Loop and form/reo	1d	15-May-23	16-May-23	114d
DP-I62-TW-1020	Track Works - Zone i62 - Install OLE foundations	1d	15-May-23	16-May-23	114d
DP-I62-TW-1040	Track Works - Zone i62 - Perform electrical continunity testing/hold points	1d	16-May-23	17-May-23	114d
DP-I62-TW-1080	Track Works - Zone i62 - Pour concrete, strip formwork and install lids	2d	17-May-23	19-May-23	114d
Civil Works - Reinstate Track Verge		1d	19-May-23	20-May-23	114d
DP-I62-CW-1200	Civil Works - Zone i62 - Place and Compact Type 2.1 Road base	1d	19-May-23	20-May-23	114d
Civil Works - Central Lanes		9d	20-May-23	02-Jun-23	125d
DP-I62-CW-1820	Civil Works - Zone i62 - Remove existing asphalt and subbase	1d	20-May-23	22-May-23	114d
DP-I62-CW-1840	Civil Works - Zone i62 - Prepare Subgrade	1d	22-May-23	23-May-23	114d
DP-I62-CW-1880	Civil Works - Zone i62 - Place subbase and base course	1d	23-May-23	25-May-23	114d
DP-I62-CW-1760	Civil Works - Zone i62 - Place asphalt (Incl Primer Seal)	4d	26-May-23	01-Jun-23	114d
DP-I62-CW-1780	Civil Works - Zone i62 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	01-Jun-23	02-Jun-23	125d
Civil Works - System Fitout		1d	20-May-23	22-May-23	272d
DP-I62-CW-1660	Civil Works - Zone i62 - Erect Overhead Wire Poles with Lighting	1d	20-May-23	22-May-23	272d
Civil Works - Finishing		56d	02-Jun-23	28-Aug-23	309d
DP-I62-CW-5020	Civil Works - Zone i62 - Finishing - Final Asphalt Wearing Course	1d	02-Jun-23	03-Jun-23	362d
DP-I62-CW-5040	Civil Works - Zone i62 - Finishing - Pavement Marking	2d	23-Aug-23	28-Aug-23	309d
Traffic Control Systems (TCS)		23d	05-May-23	08-Jun-23	295d
DP-I62-TCS-1000	Signal Works - Zone i62 - Install Pits and Conduits	2d	05-May-23	11-May-23	114d
DP-I62-TCS-1040	Signal Works - Zone i62 - Footings - Excav/Reo/Pour/Cure	3d	23-May-23	30-May-23	226d
DP-I62-TCS-1060	Signal Works - Zone i62 - Install Poles, Cables and Lanterns	3d	30-May-23	02-Jun-23	295d
DP-I62-TCS-1080	Signal Works - Zone i62 - Install Traffic Detector Loops and Cables (Nights)	3d	02-Jun-23	06-Jun-23	295d
DP-I62-TCS-1100	Signal Works - Zone i62 - Install TCS Cabinets	1d	06-Jun-23	07-Jun-23	295d
DP-I62-TCS-1120	Signal Works - Zone i62 - Install LRV Personality	1d	07-Jun-23	08-Jun-23	295d
Traction Power & Overhead Line		213d	22-May-23	22-May-24	113d
CSR Cabling		213d	22-May-23	22-May-24	113d
Structure-to-Track		1d	22-May-23	23-May-23	278d
DP-i62-BC-1200	Traction Power - Zone i62 - Bond and Test Structure to Rail	1d	22-May-23	23-May-23	278d
Track-to-Track		1d	22-May-23	23-May-23	278d
DP-i62-BC-1000	Traction Power - Zone i62 - Connect Bond to Studs	1d	22-May-23	23-May-23	278d
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	139d
DP-i62-HC-1000	Traction Power - Zone i62 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	139d

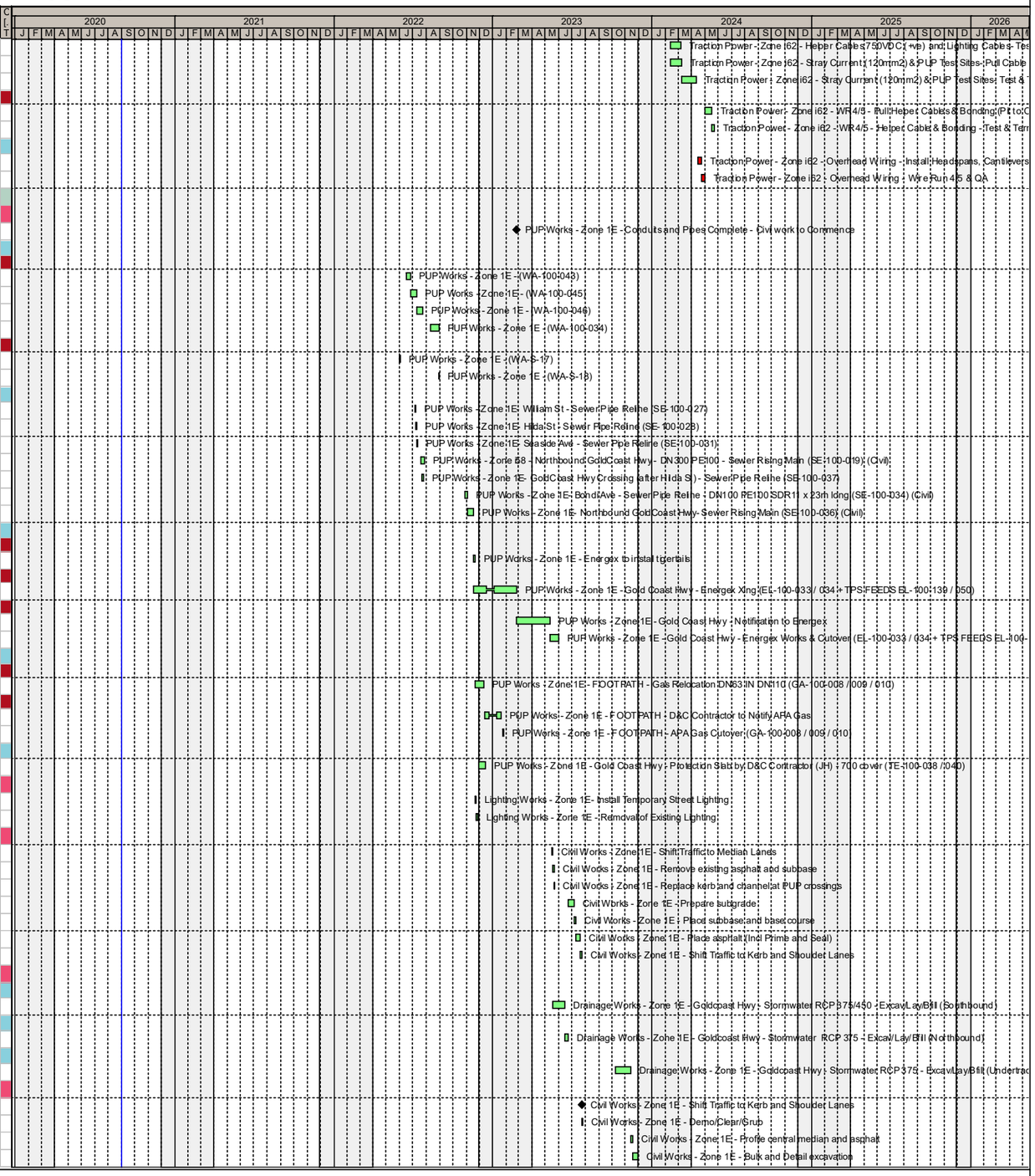


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
DP-i62-HC-1020	Traction Power - Zone i62 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	155d	
DP-i62-ST-1020	Traction Power - Zone i62 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d	
DP-i62-ST-1040	Traction Power - Zone i62 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	139d	
Pit-to-OLE		12d	01-May-24	22-May-24	113d	
DP-i62-HC-1240	Traction Power - Zone i62 - WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	01-May-24	17-May-24	88d	
DP-i62-HC-1260	Traction Power - Zone i62 - WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	17-May-24	22-May-24	113d	
Overhead Line		11d	15-Apr-24	01-May-24	82d	
DP-i62-OH-1020	Traction Power - Zone i62 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	82d	
DP-i62-OH-1040	Traction Power - Zone i62 - Overhead Wiring - Wire Run 4/5 & QA	4d	24-Apr-24	01-May-24	82d	
Zone 1E (Ch 34,530 - 34,858) - 328m		613d	01-Jun-22	26-Nov-24	108d	
Public Utilities Plant Works		244d	01-Jun-22	01-Jun-23	299d	
DP-1E-MS-1000	PUP Works - Zone 1E - Conduits and Pipes Complete - Civil work to Commence	0d		24-Feb-23	152d	
CoGC - Water		60d	01-Jun-22	31-Aug-22	236d	
Water Scope		51d	15-Jun-22	30-Aug-22	136d	
DP-1E-WT-1720	PUP Works - Zone 1E - (WA-100-043)	9d	15-Jun-22	27-Jun-22	137d	
DP-1E-WT-1760	PUP Works - Zone 1E - (WA-100-045)	9d	27-Jun-22	09-Jul-22	137d	
DP-1E-WT-1780	PUP Works - Zone 1E - (WA-100-046)	9d	09-Jul-22	23-Jul-22	137d	
DP-1E-WT-1700	PUP Works - Zone 1E - (WA-100-034)	12d	11-Aug-22	30-Aug-22	136d	
Service Connections		60d	01-Jun-22	31-Aug-22	236d	
DP-1E-WT-S017	PUP Works - Zone 1E - (WA-S-17)	1d	01-Jun-22	02-Jun-22	295d	
DP-1E-WT-S018	PUP Works - Zone 1E - (WA-S-18)	1d	30-Aug-22	31-Aug-22	236d	
CoGC - Sewer		88d	05-Jul-22	18-Nov-22	23d	
DP-1E-SW-1160	PUP Works - Zone 1E- William St - Sewer Pipe Reline (SE-100-027)	2d	05-Jul-22	07-Jul-22	77d	
DP-1E-SW-1180	PUP Works - Zone 1E- Hilda St - Sewer Pipe Reline (SE-100-028)	2d	07-Jul-22	09-Jul-22	77d	
DP-1E-SW-1220	PUP Works - Zone 1E- Seaside Ave - Sewer Pipe Reline (SE-100-031)	1d	09-Jul-22	11-Jul-22	77d	
DP-i58-SW-1120	PUP Works - Zone i58 - Northbound GoldCoast Hwy - DN300 PE100 - Sewer Rising Main (SE-100-019) (Civil)	7d	20-Jul-22	28-Jul-22	53d	
DP-1E-SW-1100	PUP Works - Zone 1E- GoldCoast Hwy Crossing (after Hilda St) - Sewer Pipe Reline (SE-100-037)	3d	22-Jul-22	26-Jul-22	45d	
DP-1E-SW-1240	PUP Works - Zone 1E- Bondi Ave - Sewer Pipe Reline - DN100 PE100 SDR11 x 23m long (SE-100-034) (Civil)	4d	29-Oct-22	03-Nov-22	23d	
DP-1E-SW-1120	PUP Works - Zone 1E- Northbound GoldCoast Hwy- Sewer Rising Main (SE-100-036) (Civil)	7d	03-Nov-22	18-Nov-22	23d	
Energex		125d	18-Nov-22	01-Jun-23	299d	
Pre-Works		1d	18-Nov-22	21-Nov-22	75d	
DP-1E-EG-1190	PUP Works - Zone 1E - Energex to install tigertails	1d	18-Nov-22	21-Nov-22	75d	
Conduits & Pits		50d	18-Nov-22	24-Feb-23	64d	
DP-1E-EG-1000	PUP Works - Zone 1E - Gold Coast Hwy - Energex Xing (EL-100-033 / 034 + TPS FEEDS EL-100-139 / 050)	50d	18-Nov-22	24-Feb-23	64d	
Energex Works		65d	24-Feb-23	01-Jun-23	299d	
DP-1E-EG-2000	PUP Works - Zone 1E - Gold Coast Hwy - Notification to Energex	50d	24-Feb-23	11-May-23	299d	
DP-1E-EG-2010	PUP Works - Zone 1E - Gold Coast Hwy - Energex Works & Cutover (EL-100-033 / 034 + TPS FEEDS EL-100-1:	15d	11-May-23	01-Jun-23	299d	
APA Gas		38d	21-Nov-22	25-Jan-23	173d	
Protect/Relocate		12d	21-Nov-22	10-Dec-22	63d	
DP-1E-GA-1060	PUP Works - Zone 1E - FOOTPATH - Gas Relocation DN63 IN DN110 (GA-100-008 / 009 / 010)	12d	21-Nov-22	10-Dec-22	63d	
Cutover		23d	12-Dec-22	25-Jan-23	173d	
DP-1E-GA-1065	PUP Works - Zone 1E - FOOTPATH - D&C Contractor to Notify APA Gas	20d	12-Dec-22	20-Jan-23	173d	
DP-1E-GA-1085	PUP Works - Zone 1E - FOOTPATH - APA Gas Cutover (GA-100-008 / 009 / 010)	3d	23-Jan-23	25-Jan-23	173d	
Telstra		10d	29-Nov-22	15-Dec-22	170d	
DP-1E-TLS-1160	PUP Works - Zone 1E - Gold Coast Hwy - Protection Slab by D&C Contractor (JH) - 700 cover (TE-100-038 / 040	10d	29-Nov-22	15-Dec-22	170d	
Street Lighting Relocations		5d	21-Nov-22	28-Nov-22	195d	
DP-1E-Stl-1000	Lighting Works - Zone 1E- Install Temporary Street Lighting	2d	21-Nov-22	23-Nov-22	195d	
DP-1E-Stl-1020	Lighting Works - Zone 1E - Removal of Existing Lighting	3d	23-Nov-22	28-Nov-22	195d	
Civil Works - Kerb and Shoulder Lanes		49d	16-May-23	24-Jul-23	107d	
DP-1E-CW-1520	Civil Works - Zone 1E - Shift Traffic to Median Lanes	2d	16-May-23	18-May-23	100d	
DP-1E-CW-1720	Civil Works - Zone 1E - Remove existing asphalt and subbase	3d	18-May-23	22-May-23	114d	
DP-1E-CW-1480	Civil Works - Zone 1E - Replace kerb and channel at PUP crossings	0d	22-May-23	22-May-23	114d	
DP-1E-CW-2120	Civil Works - Zone 1E - Prepare subgrade	8d	22-Jun-23	06-Jul-23	93d	
DP-1E-CW-1620	Civil Works - Zone 1E - Place subbase and base course	3d	06-Jul-23	10-Jul-23	93d	
DP-1E-CW-1420	Civil Works - Zone 1E - Place asphalt (Incl Prime and Seal)	8d	10-Jul-23	20-Jul-23	93d	
DP-1E-CW-1500	Civil Works - Zone 1E - Shift Traffic to Kerb and Shoulder Lanes	2d	20-Jul-23	24-Jul-23	107d	
Civil Works - Stormwater Drainage		115d	18-May-23	13-Nov-23	42d	
Southbound		18d	18-May-23	15-Jun-23	93d	
DP-1E-DR-1000	Drainage Works - Zone 1E - Goldcoast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (Southbound)	18d	18-May-23	15-Jun-23	93d	
Northbound		6d	15-Jun-23	22-Jun-23	93d	
DP-1E-DR-1020	Drainage Works - Zone 1E - Goldcoast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (Northbound)	6d	15-Jun-23	22-Jun-23	93d	
Undertrack		20d	10-Oct-23	13-Nov-23	42d	
DP-1E-DR-1060	Drainage Works - Zone 1E - Goldcoast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (Undertrack)	20d	10-Oct-23	13-Nov-23	42d	
Civil Works - Rail Corridor		103d	24-Jul-23	18-Jan-24	46d	
DP-1E-CW-1000	Civil Works - Zone 1E - Shift Traffic to Kerb and Shoulder Lanes	0d		24-Jul-23	92d	
DP-1E-CW-1040	Civil Works - Zone 1E - Demo/Clear/Grub	1d	24-Jul-23	25-Jul-23	111d	
DP-1E-CW-2100	Civil Works - Zone 1E - Profile central median and asphalt	3d	13-Nov-23	17-Nov-23	42d	
DP-1E-CW-1100	Civil Works - Zone 1E - Bulk and Detail excavation	8d	17-Nov-23	30-Nov-23	42d	



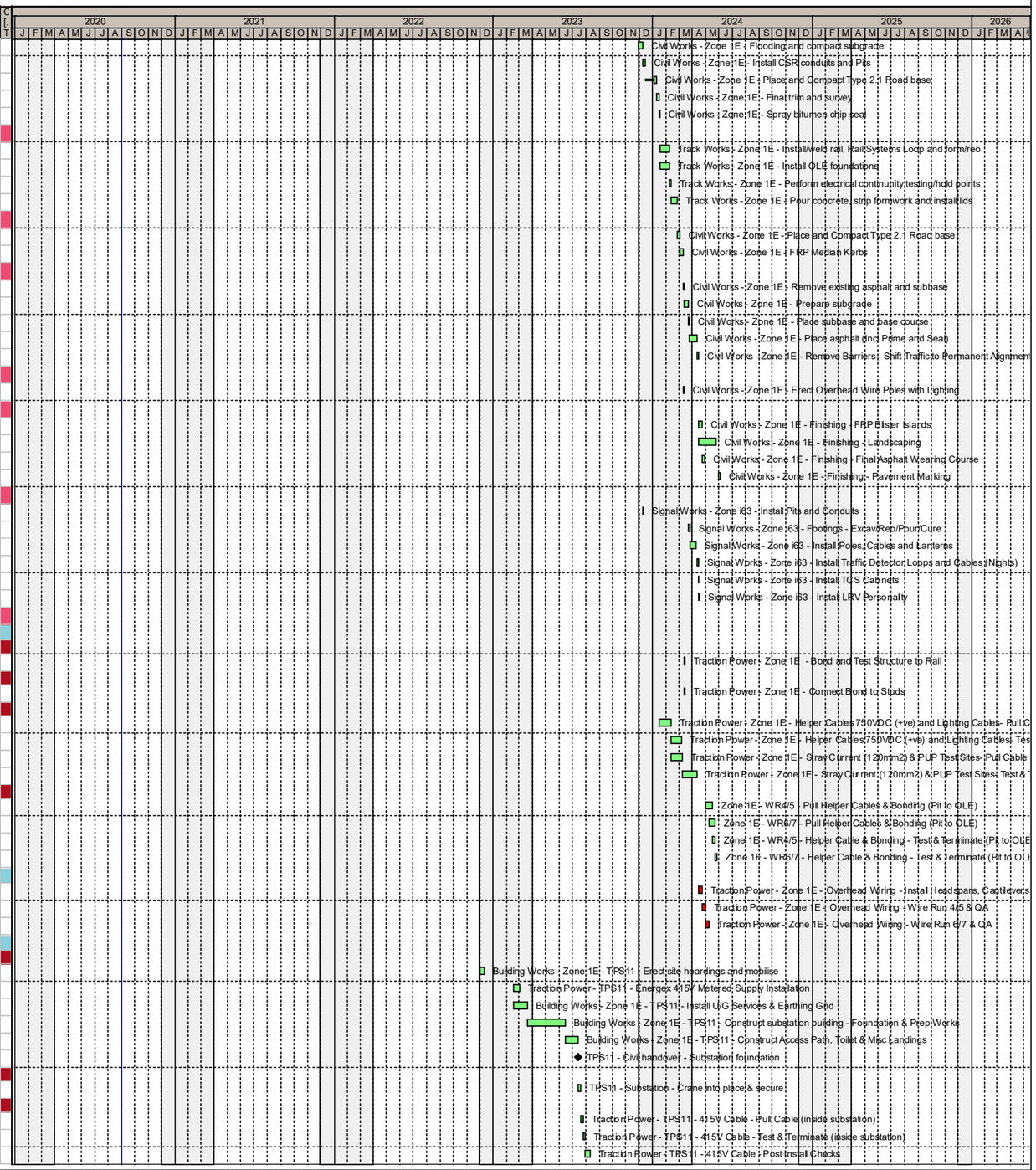
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	CLT
DP-1E-CW-1120	Civil Works - Zone 1E - Flooding and compact subgrade	6d	30-Nov-23	08-Dec-23	42d	
DP-1E-CW-1140	Civil Works - Zone 1E - Install CSR conduits and Pits	4d	09-Dec-23	15-Dec-23	42d	
DP-1E-CW-1160	Civil Works - Zone 1E - Place and Compact Type 2.1 Road base	5d	15-Dec-23	09-Jan-24	46d	
DP-1E-CW-1360	Civil Works - Zone 1E - Final trim and survey	6d	09-Jan-24	16-Jan-24	46d	
DP-1E-CW-1180	Civil Works - Zone 1E - Spray bitumen chip seal	1d	16-Jan-24	18-Jan-24	46d	
Civil Works - Track		22d	18-Jan-24	26-Feb-24	46d	
DP-1E-TW-1000	Track Works - Zone 1E - Install/weld rail, Rail Systems Loop and form/reo	10d	18-Jan-24	08-Feb-24	46d	
DP-1E-TW-1020	Track Works - Zone 1E - Install OLE foundations	10d	18-Jan-24	08-Feb-24	46d	
DP-1E-TW-1040	Track Works - Zone 1E - Perform electrical continunity testing/hold points	4d	08-Feb-24	13-Feb-24	46d	
DP-1E-TW-1080	Track Works - Zone 1E - Pour concrete, strip formwork and install lids	8d	13-Feb-24	26-Feb-24	46d	
Civil Works - Reinstate Track Verge		8d	27-Feb-24	11-Mar-24	46d	
DP-1E-CW-1200	Civil Works - Zone 1E - Place and Compact Type 2.1 Road base	3d	27-Feb-24	04-Mar-24	46d	
DP-1E-CW-1700	Civil Works - Zone 1E - FRP Median Kerbs	5d	04-Mar-24	11-Mar-24	46d	
Civil Works - Central Lanes		24d	11-Mar-24	16-Apr-24	220d	
DP-1E-CW-1820	Civil Works - Zone 1E - Remove existing asphalt and subbase	2d	11-Mar-24	13-Mar-24	46d	
DP-1E-CW-1840	Civil Works - Zone 1E - Prepare subgrade	5d	13-Mar-24	22-Mar-24	46d	
DP-1E-CW-1880	Civil Works - Zone 1E - Place subbase and base course	2d	22-Mar-24	25-Mar-24	108d	
DP-1E-CW-1760	Civil Works - Zone 1E - Place asphalt (Incl Prime and Seal)	5d	25-Mar-24	12-Apr-24	108d	
DP-1E-CW-1780	Civil Works - Zone 1E - Remove Barriers - Shift Traffic to Permanent Alignment	2d	12-Apr-24	16-Apr-24	220d	
Civil Works - System Fitout		2d	11-Mar-24	13-Mar-24	96d	
DP-1E-CW-1660	Civil Works - Zone 1E - Erect Overhead Wire Poles with Lighting	2d	11-Mar-24	13-Mar-24	96d	
Civil Works - Finishing		31d	16-Apr-24	04-Jun-24	200d	
DP-1E-CW-5000	Civil Works - Zone 1E - Finishing - FRP Blister Islands	5d	16-Apr-24	23-Apr-24	197d	
DP-1E-CW-5060	Civil Works - Zone 1E - Finishing - Landscaping	24d	16-Apr-24	24-May-24	207d	
DP-1E-CW-5020	Civil Works - Zone 1E - Finishing - Final Asphalt Wearing Course	3d	23-Apr-24	29-Apr-24	197d	
DP-1E-CW-5040	Civil Works - Zone 1E - Finishing - Pavement Marking	2d	31-May-24	04-Jun-24	176d	
Traffic Control Systems (TCS)		64d	09-Dec-23	18-Apr-24	108d	
DP-I63-TCS-1000	Signal Works - Zone i63 - Install Pits and Conduits	1d	09-Dec-23	11-Dec-23	49d	
DP-I63-TCS-1040	Signal Works - Zone i63 - Footings - Excav/Reo/Pour/Cure	3d	22-Mar-24	26-Mar-24	46d	
DP-I63-TCS-1060	Signal Works - Zone i63 - Install Poles, Cables and Lanterns	2d	26-Mar-24	09-Apr-24	110d	
DP-I63-TCS-1080	Signal Works - Zone i63 - Install Traffic Detector Loops and Cables (Nights)	2d	12-Apr-24	15-Apr-24	108d	
DP-I63-TCS-1100	Signal Works - Zone i63 - Install TCS Cabinets	1d	15-Apr-24	16-Apr-24	108d	
DP-I63-TCS-1120	Signal Works - Zone i63 - Install LRV Personality	1d	16-Apr-24	18-Apr-24	108d	
Traction Power & Overhead Line		484d	02-Dec-22	26-Nov-24	3d	
CSR Cabling		75d	15-Jan-24	27-May-24	109d	
Structure-to-Track		1d	13-Mar-24	14-Mar-24	102d	
DP-1E-BC-1180	Traction Power - Zone 1E - Bond and Test Structure to Rail	1d	13-Mar-24	14-Mar-24	102d	
Track-to-Track		1d	13-Mar-24	14-Mar-24	102d	
DP-1E-BC-1000	Traction Power - Zone 1E - Connect Bond to Studs	1d	13-Mar-24	14-Mar-24	102d	
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	139d	
DP-1E-HC-1020	Traction Power - Zone 1E - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	139d	
DP-1E-HC-1220	Traction Power - Zone 1E - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	155d	
DP-1E-ST-1060	Traction Power - Zone 1E - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d	
DP-1E-ST-1080	Traction Power - Zone 1E - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	139d	
Pit-to-OLE		16d	01-May-24	27-May-24	109d	
DP-1E-HC-1160	Zone 1E - WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	01-May-24	17-May-24	113d	
DP-1E-HC-1240	Zone 1E - WR6/7 - Pull Helper Cables & Bonding (Pit to OLE)	8d	09-May-24	22-May-24	107d	
DP-1E-HC-1180	Zone 1E - WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	17-May-24	22-May-24	113d	
DP-1E-HC-1260	Zone 1E - WR6/7 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	22-May-24	27-May-24	107d	
Overhead Line		15d	15-Apr-24	08-May-24	82d	
DP-1E-OH-1020	Traction Power - Zone 1E - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	82d	
DP-1E-OH-1040	Traction Power - Zone 1E - Overhead Wiring - Wire Run 4/5 & QA	4d	24-Apr-24	01-May-24	82d	
DP-1E-OH-1030	Traction Power - Zone 1E - Overhead Wiring - Wire Run 6/7 & QA	4d	01-May-24	08-May-24	82d	
TPS11 - Annette Kellerman Park (Ch 34,820)		484d	02-Dec-22	26-Nov-24	3d	
TPS11 Structure (Ch 36,700)		146d	02-Dec-22	14-Jul-23	66d	
DP-1E-BW-1960	Building Works - Zone 1E - TPS11 - Erect site hoardings and mobilise	5d	02-Dec-22	10-Dec-22	63d	
DP-1E-SS-2260	Traction Power - TPS11 - Energex 415V Metered Supply Installation	10d	16-Feb-23	02-Mar-23	142d	
DP-1E-BW-1980	Building Works - Zone 1E - TPS11 - Install U/G Services & Earthing Grid	20d	16-Feb-23	20-Mar-23	51d	
DP-1E-BW-2000	Building Works - Zone 1E - TPS11 - Construct substation building - Foundation & Prep Works	50d	20-Mar-23	15-Jun-23	51d	
DP-1E-BW-2020	Building Works - Zone 1E - TPS11 - Construct Access Path, Toilet & Misc Landings	20d	15-Jun-23	14-Jul-23	51d	
DP-1E-SS-1000	TPS11 - Civil handover - Substation foundation	0d	14-Jul-23		51d	
TPS11 Substation		5d	14-Jul-23	20-Jul-23	51d	
DP-1E-SS-1020	TPS11 - Substation - Crane into place & secure	5d	14-Jul-23	20-Jul-23	51d	
LV Cabling (415V)		16d	21-Jul-23	11-Aug-23	51d	
DP-1E-SS-1520	Traction Power - TPS11 - 415V Cable - Pull Cable (inside substation)	3d	21-Jul-23	26-Jul-23	51d	
DP-1E-SS-1580	Traction Power - TPS11 - 415V Cable - Test & Terminate (inside substation)	3d	26-Jul-23	29-Jul-23	51d	
DP-1E-SS-2280	Traction Power - TPS11 - 415V Cable - Post Install Checks	10d	29-Jul-23	11-Aug-23	51d	

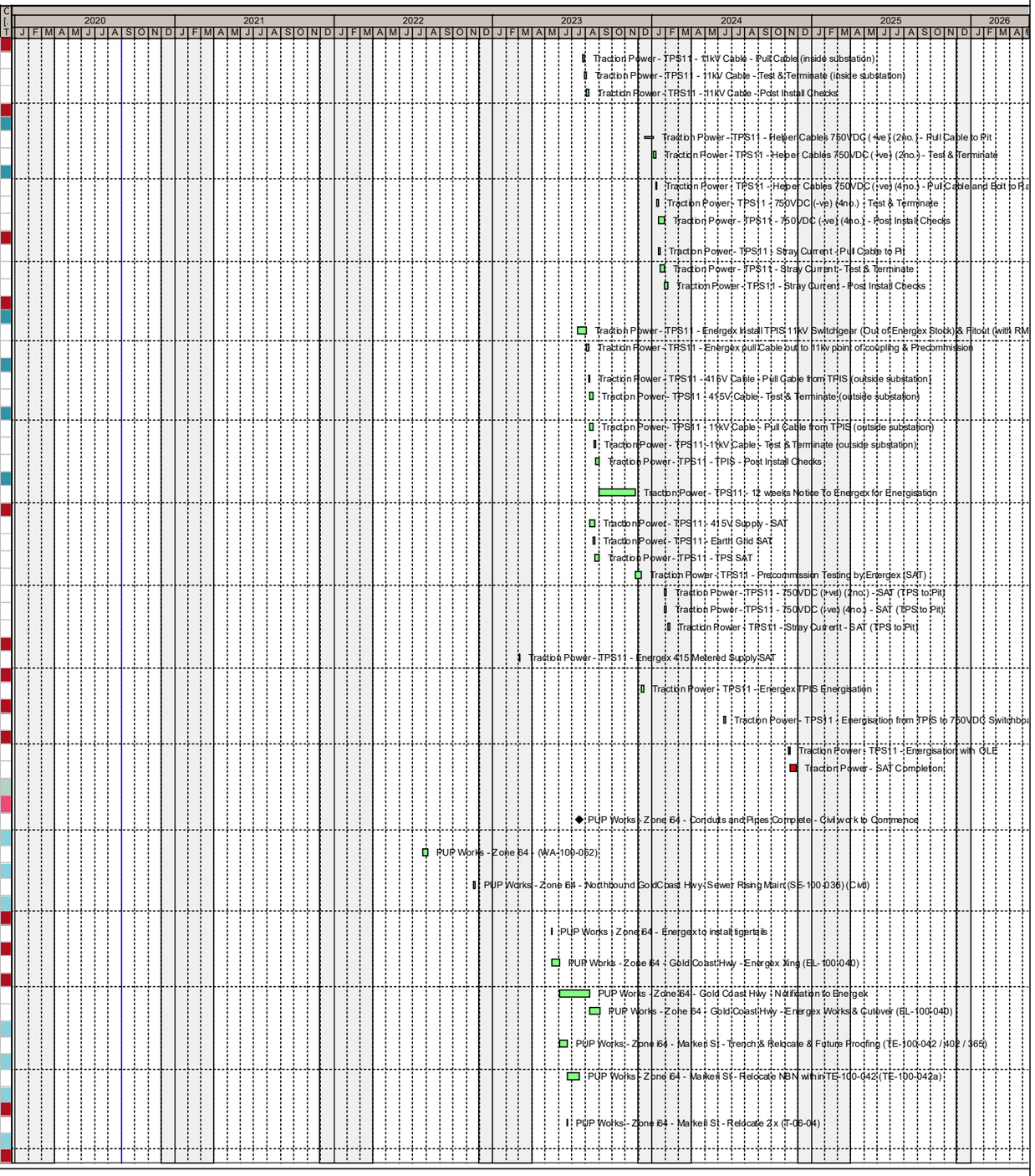


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
HV Cabling (11kV)		11d	26-Jul-23	09-Aug-23	171d
DP-1E-SS-1600	Traction Power - TPS11 - 11kV Cable - Pull Cable (inside substation)	3d	26-Jul-23	29-Jul-23	127d
DP-1E-SS-1620	Traction Power - TPS11 - 11kV Cable - Test & Terminate (inside substation)	3d	29-Jul-23	02-Aug-23	127d
DP-1E-SS-2220	Traction Power - TPS11 - 11kV Cable - Post Install Checks	5d	02-Aug-23	09-Aug-23	171d
Traction Cabling		16d	15-Dec-23	29-Jan-24	42d
750VDC (+ve)		5d	15-Dec-23	09-Jan-24	42d
DP-1E-SS-1680	Traction Power - TPS11 - Helper Cables 750VDC (+ve) (2no.) - Pull Cable to Pit	2d	15-Dec-23	04-Jan-24	42d
DP-1E-SS-1700	Traction Power - TPS11 - Helper Cables 750VDC (+ve) (2no.) - Test & Terminate	3d	04-Jan-24	09-Jan-24	42d
750VDC (-ve)		11d	09-Jan-24	29-Jan-24	42d
DP-1E-SS-1720	Traction Power - TPS11 - Helper Cables 750VDC (-ve) (4no.) - Pull Cable and Bolt to Rail	3d	09-Jan-24	12-Jan-24	42d
DP-1E-SS-1740	Traction Power - TPS11 - 750VDC (-ve) (4no.) - Test & Terminate	3d	12-Jan-24	16-Jan-24	42d
DP-1E-SS-2200	Traction Power - TPS11 - 750VDC (-ve) (4no.) - Post Install Checks	5d	16-Jan-24	29-Jan-24	42d
Stray Current Cabling		10d	16-Jan-24	06-Feb-24	170d
DP-1E-SS-2000	Traction Power - TPS11 - Stray Current - Pull Cable to Pit	2d	16-Jan-24	19-Jan-24	170d
DP-1E-SS-2020	Traction Power - TPS11 - Stray Current - Test & Terminate	3d	19-Jan-24	29-Jan-24	170d
DP-1E-SS-2180	Traction Power - TPS11 - Stray Current - Post Install Checks	5d	29-Jan-24	06-Feb-24	170d
Energex		92d	14-Jul-23	24-Nov-23	59d
TPIS Install		18d	14-Jul-23	08-Aug-23	61d
DP-1E-SS-1540	Traction Power - TPS11 - Energex Install TPIS 11kV Switchgear (Out of Energex Stock) & Fitout (with RMU)	15d	14-Jul-23	03-Aug-23	61d
DP-1E-SS-1640	Traction Power - TPS11 - Energex pull Cable out to 11kv point of coupling & Precommission	3d	03-Aug-23	08-Aug-23	61d
LV Cabling (415V)		6d	08-Aug-23	19-Aug-23	64d
DP-1E-SS-1900	Traction Power - TPS11 - 415V Cable - Pull Cable from TPIS (outside substation)	3d	08-Aug-23	11-Aug-23	61d
DP-1E-SS-1920	Traction Power - TPS11 - 415V Cable - Test & Terminate (outside substation)	3d	11-Aug-23	19-Aug-23	64d
HV Cabling (11kV)		13d	11-Aug-23	01-Sep-23	69d
DP-1E-SS-1940	Traction Power - TPS11 - 11kV Cable - Pull Cable from TPIS (outside substation)	3d	11-Aug-23	19-Aug-23	61d
DP-1E-SS-1960	Traction Power - TPS11 - 11kV Cable - Test & Terminate (outside substation)	3d	21-Aug-23	24-Aug-23	61d
DP-1E-SS-1980	Traction Power - TPS11 - TPIS - Post Install Checks	5d	24-Aug-23	01-Sep-23	69d
Energex Notification for Energisation		84d	01-Sep-23	24-Nov-23	98d
DP-1E-SS-2320	Traction Power - TPS11 - 12 weeks Notice To Energex for Energisation	84d	01-Sep-23	24-Nov-23	98d
SAT		117d	11-Aug-23	10-Feb-24	193d
DP-1E-SS-1780	Traction Power - TPS11 - 415V Supply - SAT	8d	11-Aug-23	23-Aug-23	57d
DP-1E-SS-2300	Traction Power - TPS11 - Earth Grid SAT	3d	18-Aug-23	23-Aug-23	298d
DP-1E-SS-1800	Traction Power - TPS11 - TPS SAT	6d	23-Aug-23	01-Sep-23	191d
DP-1E-SS-1660	Traction Power - TPS11 - Precommission Testing by Energex (SAT)	8d	24-Nov-23	07-Dec-23	49d
DP-1E-SS-1820	Traction Power - TPS11 - 750VDC (+ve) (2no.) - SAT (TPS to Pit)	3d	29-Jan-24	02-Feb-24	42d
DP-1E-SS-1840	Traction Power - TPS11 - 750VDC (-ve) (4no.) - SAT (TPS to Pit)	3d	29-Jan-24	02-Feb-24	79d
DP-1E-SS-2080	Traction Power - TPS11 - Stray Current - SAT (TPS to Pit)	3d	06-Feb-24	10-Feb-24	170d
Energex 415V Metered Supply SAT		1d	02-Mar-23	03-Mar-23	151d
DP-1E-SS-2140	Traction Power - TPS11 - Energex 415 Metered Supply SAT	1d	02-Mar-23	03-Mar-23	151d
TPIS Energisation		4d	07-Dec-23	12-Dec-23	49d
DP-1E-SS-2100	Traction Power - TPS11 - Energex TPIS Energisation	4d	07-Dec-23	12-Dec-23	49d
Energisation from TPIS to 750VDC		3d	14-Jun-24	18-Jun-24	96d
DP-1E-SS-2120	Traction Power - TPS11 - Energisation from TPIS to 750VDC Switchboard	3d	14-Jun-24	18-Jun-24	96d
Energisation with OLE		12d	09-Nov-24	26-Nov-24	3d
DP-1E-SS-2060	Traction Power - TPS11 - Energisation with OLE	2d	09-Nov-24	12-Nov-24	3d
DP-1E-SS-2160	Traction Power - SAT Completion	10d	12-Nov-24	26-Nov-24	3d
Zone i64 Intersection - Staged - Markeri St (Ch 34,858 - 34,912) - 54m		468d	23-Jul-22	25-Jun-24	199d
Public Utilities Plant Works		273d	23-Jul-22	04-Sep-23	233d
DP-I64-MS-1000	PUP Works - Zone i64 - Conduits and Pipes Complete - Civil work to Commence	0d		18-Jul-23	93d
CoGC - Water		9d	23-Jul-22	04-Aug-22	137d
DP-i64-WT-1000	PUP Works - Zone i64 - (WA-100-052)	9d	23-Jul-22	04-Aug-22	137d
CoGC - Sewer		2d	18-Nov-22	21-Nov-22	23d
DP-1E-SW-1121	PUP Works - Zone i64 - Northbound GoldCoast Hwy- Sewer Rising Main (SE-100-036) (Civil)	2d	18-Nov-22	21-Nov-22	23d
Energex		80d	15-May-23	04-Sep-23	233d
Pre-Works		1d	15-May-23	16-May-23	139d
DP-I64-EG-1390	PUP Works - Zone i64 - Energex to install tigertails	1d	15-May-23	16-May-23	139d
Conduits & Pits		14d	15-May-23	02-Jun-23	87d
DP-I64-EG-1000	PUP Works - Zone i64 - Gold Coast Hwy - Energex Xing (EL-100-040)	14d	15-May-23	02-Jun-23	87d
Energex Works		65d	02-Jun-23	04-Sep-23	233d
DP-I64-EG-2000	PUP Works - Zone i64 - Gold Coast Hwy - Notification to Energex	50d	02-Jun-23	11-Aug-23	233d
DP-I64-EG-2010	PUP Works - Zone i64 - Gold Coast Hwy - Energex Works & Cutover (EL-100-040)	15d	11-Aug-23	04-Sep-23	233d
Telstra		11d	02-Jun-23	20-Jun-23	87d
DP-I64-TLS-1000	PUP Works - Zone i64 - Markeri St - Trench & Relocate & Future Proofing (TE-100-042 / 402 / 365)	11d	02-Jun-23	20-Jun-23	87d
NBN		20d	20-Jun-23	18-Jul-23	93d
DP-I64-NB-01180	PUP Works - Zone i64 - Markeri St - Relocate NBN within TE-100-042 (TE-100-042a)	20d	20-Jun-23	18-Jul-23	93d
OPTUS		1d	20-Jun-23	21-Jun-23	112d
Relocate Conduits & Cable Pull		1d	20-Jun-23	21-Jun-23	112d
DP-I64-OP-01180	PUP Works - Zone i64 - Markeri St - Relocate 2x (T-06-04)	1d	20-Jun-23	21-Jun-23	112d
TPG		1d	20-Jun-23	21-Jun-23	112d
Relocate Conduits & Cable Pull		1d	20-Jun-23	21-Jun-23	112d



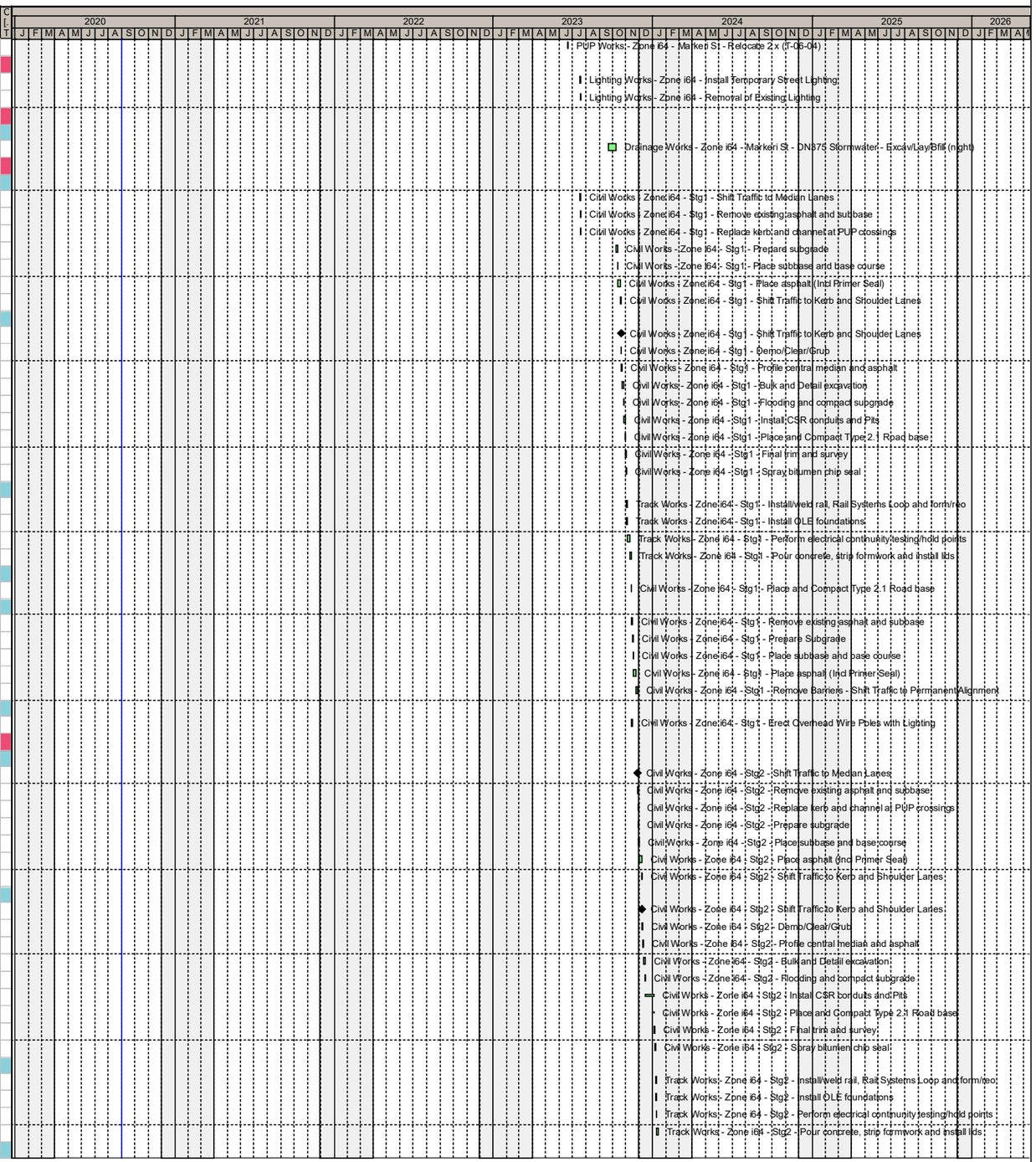
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C [illegible] T
DP-I64-TP-01180	PUP Works - Zone i64 - Marker St - Relocate 2 x (T-06-04)	1d	20-Jun-23	21-Jun-23	112d	
Street Lighting Relocations		2d	18-Jul-23	20-Jul-23	160d	
DP-I64-Stl-1000	Lighting Works - Zone i64 - Install Temporary Street Lighting	1d	18-Jul-23	19-Jul-23	160d	
DP-I64-Stl-1020	Lighting Works - Zone i64 - Removal of Existing Lighting	1d	19-Jul-23	20-Jul-23	160d	
Civil Works - Stormwater Drainage		12d	21-Sep-23	10-Oct-23	42d	
Southbound		12d	21-Sep-23	10-Oct-23	42d	
DP-I64-DR-1000	Drainage Works - Zone i64 - Marker St - DN375 Stormwater - Excav/Lay/Bfill (night)	12d	21-Sep-23	10-Oct-23	42d	
Stage 1		92d	18-Jul-23	27-Nov-23	176d	
Civil Works - Kerb and Shoulder Lanes		66d	18-Jul-23	20-Oct-23	96d	
DP-I64-CW-1520	Civil Works - Zone i64 - Stg1 - Shift Traffic to Median Lanes	1d	18-Jul-23	19-Jul-23	93d	
DP-I64-CW-1720	Civil Works - Zone i64 - Stg1 - Remove existing asphalt and subbase	1d	19-Jul-23	20-Jul-23	133d	
DP-I64-CW-1480	Civil Works - Zone i64 - Stg1 - Replace kerb and channel at PUP crossings	0d	20-Jul-23	20-Jul-23	133d	
DP-I64-CW-2120	Civil Works - Zone i64 - Stg1 - Prepare subgrade	1d	10-Oct-23	12-Oct-23	81d	
DP-I64-CW-1620	Civil Works - Zone i64 - Stg1 - Place subbase and base course	1d	12-Oct-23	13-Oct-23	81d	
DP-I64-CW-1420	Civil Works - Zone i64 - Stg1 - Place asphalt (Incl Primer Seal)	4d	13-Oct-23	19-Oct-23	81d	
DP-I64-CW-1500	Civil Works - Zone i64 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	1d	19-Oct-23	20-Oct-23	96d	
Civil Works - Rail Corridor		9d	20-Oct-23	02-Nov-23	81d	
DP-I64-CW-1000	Civil Works - Zone i64 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	0d		20-Oct-23	81d	
DP-I64-CW-1040	Civil Works - Zone i64 - Stg1 - Demo/Clear/Grub	1d	20-Oct-23	21-Oct-23	81d	
DP-I64-CW-2100	Civil Works - Zone i64 - Stg1 - Profile central median and asphalt	1d	21-Oct-23	23-Oct-23	81d	
DP-I64-CW-1100	Civil Works - Zone i64 - Stg1 - Bulk and Detail excavation	2d	23-Oct-23	26-Oct-23	81d	
DP-I64-CW-1120	Civil Works - Zone i64 - Stg1 - Flooding and compact subgrade	1d	26-Oct-23	27-Oct-23	81d	
DP-I64-CW-1140	Civil Works - Zone i64 - Stg1 - Install CSR conduits and Pits	1d	27-Oct-23	30-Oct-23	81d	
DP-I64-CW-1160	Civil Works - Zone i64 - Stg1 - Place and Compact Type 2.1 Road base	1d	30-Oct-23	31-Oct-23	81d	
DP-I64-CW-1360	Civil Works - Zone i64 - Stg1 - Final trim and survey	1d	31-Oct-23	01-Nov-23	81d	
DP-I64-CW-1180	Civil Works - Zone i64 - Stg1 - Spray bitumen chip seal	1d	01-Nov-23	02-Nov-23	81d	
Civil Works - Track		4d	02-Nov-23	13-Nov-23	81d	
DP-I64-TW-1000	Track Works - Zone i64 - Stg1 - Install/weld rail, Rail Systems Loop and form/reo	1d	02-Nov-23	03-Nov-23	81d	
DP-I64-TW-1020	Track Works - Zone i64 - Stg1 - Install OLE foundations	1d	02-Nov-23	03-Nov-23	81d	
DP-I64-TW-1040	Track Works - Zone i64 - Stg1 - Perform electrical continunity testing/hold points	1d	03-Nov-23	09-Nov-23	81d	
DP-I64-TW-1080	Track Works - Zone i64 - Stg1 - Pour concrete, strip formwork and install lids	2d	09-Nov-23	13-Nov-23	81d	
Civil Works - Reinstate Track Verge		1d	13-Nov-23	14-Nov-23	81d	
DP-I64-CW-1200	Civil Works - Zone i64 - Stg1 - Place and Compact Type 2.1 Road base	1d	13-Nov-23	14-Nov-23	81d	
Civil Works - Central Lanes		9d	14-Nov-23	27-Nov-23	98d	
DP-I64-CW-1820	Civil Works - Zone i64 - Stg1 - Remove existing asphalt and subbase	1d	14-Nov-23	16-Nov-23	81d	
DP-I64-CW-1840	Civil Works - Zone i64 - Stg1 - Prepare Subgrade	1d	16-Nov-23	17-Nov-23	81d	
DP-I64-CW-1880	Civil Works - Zone i64 - Stg1 - Place subbase and base course	1d	17-Nov-23	18-Nov-23	81d	
DP-I64-CW-1760	Civil Works - Zone i64 - Stg1 - Place asphalt (Incl Primer Seal)	4d	18-Nov-23	24-Nov-23	81d	
DP-I64-CW-1780	Civil Works - Zone i64 - Stg1 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	24-Nov-23	27-Nov-23	98d	
Civil Works - System Fitout		1d	14-Nov-23	16-Nov-23	159d	
DP-I64-CW-1660	Civil Works - Zone i64 - Stg1 - Erect Overhead Wire Poles with Lighting	1d	14-Nov-23	16-Nov-23	159d	
Stage 2		44d	27-Nov-23	12-Feb-24	287d	
Civil Works - Kerb and Shoulder Lanes		9d	27-Nov-23	08-Dec-23	99d	
DP-I64-CW-2400	Civil Works - Zone i64 - Stg2 - Shift Traffic to Median Lanes	0d		27-Nov-23	98d	
DP-I64-CW-2500	Civil Works - Zone i64 - Stg2 - Remove existing asphalt and subbase	1d	28-Nov-23	29-Nov-23	81d	
DP-I64-CW-2360	Civil Works - Zone i64 - Stg2 - Replace kerb and channel at PUP crossings	0d	29-Nov-23	29-Nov-23	81d	
DP-I64-CW-2720	Civil Works - Zone i64 - Stg2 - Prepare subgrade	1d	29-Nov-23	30-Nov-23	81d	
DP-I64-CW-2420	Civil Works - Zone i64 - Stg2 - Place subbase and base course	1d	30-Nov-23	01-Dec-23	81d	
DP-I64-CW-2340	Civil Works - Zone i64 - Stg2 - Place asphalt (Incl Primer Seal)	4d	01-Dec-23	07-Dec-23	81d	
DP-I64-CW-2380	Civil Works - Zone i64 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	1d	07-Dec-23	08-Dec-23	99d	
Civil Works - Rail Corridor		9d	08-Dec-23	08-Jan-24	81d	
DP-I64-CW-2140	Civil Works - Zone i64 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	0d		08-Dec-23	81d	
DP-I64-CW-2160	Civil Works - Zone i64 - Stg2 - Demo/Clear/Grub	1d	08-Dec-23	09-Dec-23	81d	
DP-I64-CW-2700	Civil Works - Zone i64 - Stg2 - Profile central median and asphalt	1d	09-Dec-23	11-Dec-23	81d	
DP-I64-CW-2180	Civil Works - Zone i64 - Stg2 - Bulk and Detail excavation	2d	11-Dec-23	14-Dec-23	81d	
DP-I64-CW-2200	Civil Works - Zone i64 - Stg2 - Flooding and compact subgrade	1d	14-Dec-23	15-Dec-23	81d	
DP-I64-CW-2220	Civil Works - Zone i64 - Stg2 - Install CSR conduits and Pits	1d	15-Dec-23	03-Jan-24	81d	
DP-I64-CW-2240	Civil Works - Zone i64 - Stg2 - Place and Compact Type 2.1 Road base	1d	03-Jan-24	04-Jan-24	81d	
DP-I64-CW-2320	Civil Works - Zone i64 - Stg2 - Final trim and survey	1d	04-Jan-24	05-Jan-24	81d	
DP-I64-CW-2260	Civil Works - Zone i64 - Stg2 - Spray bitumen chip seal	1d	05-Jan-24	08-Jan-24	81d	
Civil Works - Track		4d	08-Jan-24	13-Jan-24	81d	
DP-I64-TW-1355	Track Works - Zone i64 - Stg2 - Install/weld rail, Rail Systems Loop and form/reo	1d	08-Jan-24	09-Jan-24	81d	
DP-I64-TW-1375	Track Works - Zone i64 - Stg2 - Install OLE foundations	1d	08-Jan-24	09-Jan-24	81d	
DP-I64-TW-1395	Track Works - Zone i64 - Stg2 - Perform electrical continunity testing/hold points	1d	09-Jan-24	10-Jan-24	81d	
DP-I64-TW-1415	Track Works - Zone i64 - Stg2 - Pour concrete, strip formwork and install lids	2d	10-Jan-24	13-Jan-24	81d	
Civil Works - Reinstate Track Verge		2d	13-Jan-24	16-Jan-24	81d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I64-CW-2280	Civil Works - Zone i64 - Stg2 - Place and Compact Type 2.1 Road base	2d	13-Jan-24	16-Jan-24	81d
Civil Works - Central Lanes		7d	16-Jan-24	25-Jan-24	299d
DP-I64-CW-2640	Civil Works - Zone i64 - Stg2 - Remove existing asphalt and subbase	1d	16-Jan-24	18-Jan-24	81d
DP-I64-CW-2660	Civil Works - Zone i64 - Stg2 - Prepare subgrade	1d	18-Jan-24	19-Jan-24	81d
DP-I64-CW-2620	Civil Works - Zone i64 - Stg2 - Place subbase and base course	1d	19-Jan-24	23-Jan-24	155d
DP-I64-CW-2540	Civil Works - Zone i64 - Stg2 - Place asphalt (Incl Primer Seal)	1d	23-Jan-24	24-Jan-24	155d
DP-I64-CW-2580	Civil Works - Zone i64 - Stg2 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	24-Jan-24	25-Jan-24	299d
Civil Works - System Fitout		19d	16-Jan-24	12-Feb-24	169d
DP-I64-CW-2460	Civil Works - Zone i64 - Stg2 - Erect Overhead Wire Poles with Lighting	1d	16-Jan-24	18-Jan-24	128d
DP-I64-CW-2740	Civil Works - Zone i64 - Stg2 - Erect ITS /VMS	15d	16-Jan-24	12-Feb-24	150d
Civil Works - Finishing		89d	25-Jan-24	25-Jun-24	176d
DP-I64-CW-5020	Civil Works - Zone i64 - Finishing - Final Asphalt Wearing Course	1d	25-Jan-24	29-Jan-24	261d
DP-I64-CW-5040	Civil Works - Zone i64 - Finishing - Pavement Marking	2d	22-Jun-24	25-Jun-24	176d
Traffic Control Systems (TCS)		56d	27-Oct-23	15-Feb-24	148d
DP-I64-TCS-1000	Signal Works - Zone i64 - Stg1 - Install Pits and Conduits	1d	27-Oct-23	30-Oct-23	81d
DP-I64-TCS-1020	Signal Works - Zone i64 - Stg2 - Install Pits and Conduits	1d	15-Dec-23	03-Jan-24	81d
DP-I64-TCS-1040	Signal Works - Zone i64 - Footings - Excav/Reo/Pour/Cure	5d	19-Jan-24	30-Jan-24	81d
DP-I64-TCS-1060	Signal Works - Zone i64 - Install Poles, Cables and Lanterns	4d	30-Jan-24	06-Feb-24	148d
DP-I64-TCS-1080	Signal Works - Zone i64 - Install Traffic Detector Loops and Cables (Nights)	4d	06-Feb-24	12-Feb-24	148d
DP-I64-TCS-1100	Signal Works - Zone i64 - Install TCS Cabinets	1d	12-Feb-24	13-Feb-24	148d
DP-I64-TCS-1120	Signal Works - Zone i64 - Install LRV Personality	1d	14-Feb-24	15-Feb-24	148d
Traction Power & Overhead Line		79d	15-Jan-24	03-Jun-24	105d
CSR Cabling		79d	15-Jan-24	03-Jun-24	105d
Structure-to-Track		1d	18-Jan-24	19-Jan-24	138d
DP-I64-BC-1200	Traction Power - Zone i64 - Bond and Test Structure to Rail	1d	18-Jan-24	19-Jan-24	138d
Track-to-Track		1d	18-Jan-24	19-Jan-24	138d
DP-I64-BC-1000	Traction Power - Zone i64 - Stg1 - Connect Bond to Studs	1d	18-Jan-24	19-Jan-24	138d
DP-I64-BC-1020	Traction Power - Zone i64 - Stg2 - Connect Bond to Studs	1d	18-Jan-24	19-Jan-24	138d
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	139d
DP-I64-HC-1020	Traction Power - Zone i64 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Stage 1) (Incl Fit Out Pi	15d	15-Jan-24	12-Feb-24	139d
DP-I64-HC-1040	Traction Power - Zone i64 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Stage 2) (Incl Fit Out Pi	15d	15-Jan-24	12-Feb-24	139d
DP-I64-HC-1060	Traction Power - Zone i64 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	155d
DP-I64-ST-1020	Traction Power - Zone i64 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Stg1) (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d
DP-I64-ST-1040	Traction Power - Zone i64 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Stg2) (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d
DP-I64-ST-1060	Traction Power - Zone i64 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	139d
Pit-to-OLE		12d	17-May-24	03-Jun-24	105d
DP-I64-HC-1130	Traction Power - Zone i64 - WR6/7 - Pull Helper Cables & Bonding from Pit to OHL	8d	17-May-24	27-May-24	88d
DP-I64-HC-1180	Traction Power - Zone i64 - WR6/7 - Helper Cable & Bonding - Test & Terminate	4d	27-May-24	03-Jun-24	105d
Overhead Line		15d	15-Apr-24	08-May-24	82d
DP-I64-OH-1020	Traction Power - Zone i64 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	86d
DP-I64-OH-1040	Traction Power - Zone i64 - Overhead Wiring - Wire Run 6/7 & QA	4d	01-May-24	08-May-24	82d
Zone 1F (Ch 34,912 - 35,417) - 505m		495d	15-Jun-22	25-Jun-24	216d
Public Utilities Plant Works		269d	15-Jun-22	20-Jul-23	265d
DP-1F-MS-1000	PUP Works - Zone 1F - Conduits and Pipes Complete - Civil work to Commence	0d		18-Apr-23	24d
CoGC - Water		67d	15-Jun-22	21-Sep-22	136d
DP-1F-WT-1100	PUP Works - Zone 1F - (WA-100-209)	3d	15-Jun-22	18-Jun-22	199d
DP-1F-WT-1030	PUP Works - Zone 1F - (WA-100-054) DN100 - Install DICL - Excav/Lay/Bfill - Road Crossing	6d	29-Jul-22	10-Aug-22	162d
DP-1F-WT-1040	PUP Works - Zone 1F - (WA-100-057)	2d	04-Aug-22	10-Aug-22	137d
DP-1F-WT-1050	PUP Works - Zone 1F - (WA-100-059)	9d	10-Aug-22	23-Aug-22	137d
DP-1F-WT-1020	PUP Works - Zone 1F - (WA-100-053)	2d	10-Aug-22	12-Aug-22	162d
DP-1F-WT-1070	PUP Works - Zone 1F - (WA-100-061)	9d	23-Aug-22	07-Sep-22	137d
DP-1F-WT-1000	PUP Works - Zone 1F - (WA-100-051)	14d	30-Aug-22	20-Sep-22	136d
DP-1F-WT-1060	PUP Works - Zone 1F - (WA-100-060)	2d	07-Sep-22	09-Sep-22	144d
DP-1F-WT-1010	PUP Works - Zone 1F - (WA-100-218)	9d	07-Sep-22	20-Sep-22	137d
Service Connections		1d	20-Sep-22	21-Sep-22	136d
DP-1F-WT-S019	PUP Works - Zone 1F - (WA-S-019)	1d	20-Sep-22	21-Sep-22	136d
DP-1F-WT-S020	PUP Works - Zone 1F - (WA-S-020)	1d	20-Sep-22	21-Sep-22	136d
DP-1F-WT-S021	PUP Works - Zone 1F - (WA-S-021)	1d	20-Sep-22	21-Sep-22	136d
CoGC - Sewer		107d	11-Jul-22	13-Jan-23	23d
DP-1F-SW-1060	PUP Works - Zone 1F- Seabeach Ave - Sewer Pipe Reline (SE-100-038)	2d	11-Jul-22	14-Jul-22	77d
DP-1F-SW-1080	PUP Works - Zone 1F- Alfred St- Sewer Pipe Reline (SE-100-039)	2d	14-Jul-22	18-Jul-22	77d
DP-1F-SW-1140	PUP Works - Zone 1F- Tamborine St - Sewer Pipe Reline (SE-100-041)	2d	18-Jul-22	21-Jul-22	77d
DP-1F-SW-1160	PUP Works - Zone 1F- Arthur St - Sewer Pipe Reline (SE-100-042)	2d	21-Jul-22	23-Jul-22	77d
DP-1F-SW-1100	PUP Works - Zone 1F- Northbound GoldCoast Hwy - Sewer Pipe Reline (SE-100-044)	3d	26-Jul-22	29-Jul-22	45d
DP-1F-SW-1120	PUP Works - Zone 1F- Southbound Goldcoast Hwy - Sewer Pipe Reline (SE-100-040)	5d	29-Jul-22	05-Aug-22	45d
DP-1F-SW-1180	PUP Works - Zone 1F- From Northbound GoldCoast Hwy into Mermaid Plaza - Sewer Pipe Reline (SE-100-043)	1d	05-Aug-22	10-Aug-22	45d
DP-1F-SW-1200	PUP Works - Zone 1F- Southbound Goldcoast Hwy from Seashell Ave - Sewer Pipe Reline (SE-100-049)	2d	10-Aug-22	12-Aug-22	45d



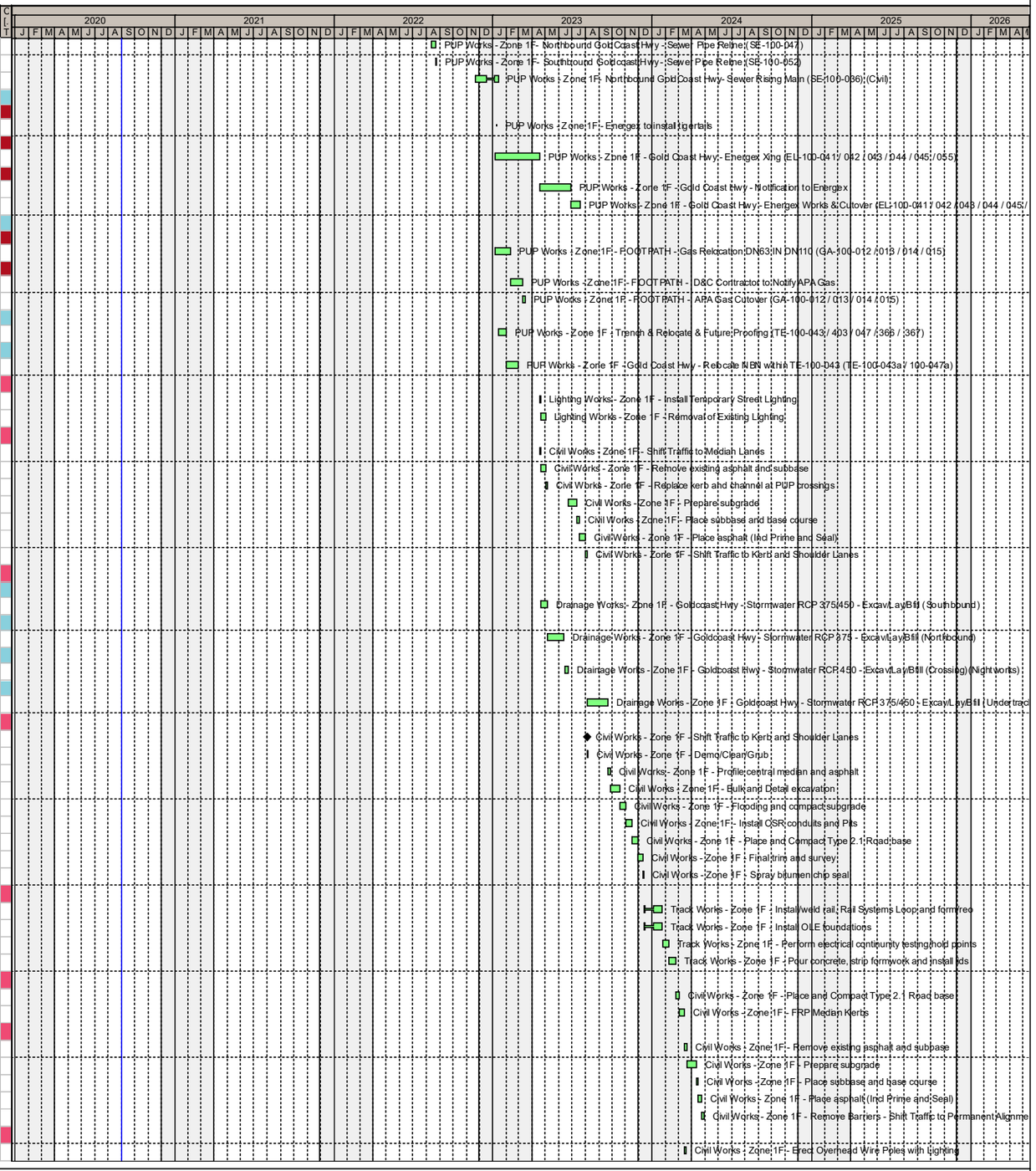
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1F-SW-1220	PUP Works - Zone 1F- Northbound GoldCoast Hwy - Sewer Pipe Reline (SE-100-047)	6d	12-Aug-22	22-Aug-22	45d
DP-1F-SW-1260	PUP Works - Zone 1F- Southbound Goldcoast Hwy - Sewer Pipe Reline (SE-100-052)	2d	22-Aug-22	24-Aug-22	45d
DP-1F-SW-1122	PUP Works - Zone 1F- Northbound GoldCoast Hwy- Sewer Rising Main (SE-100-036) (Civil)	22d	21-Nov-22	13-Jan-23	23d
Energex		133d	05-Jan-23	20-Jul-23	265d
Pre-Works		1d	09-Jan-23	09-Jan-23	91d
DP-1F-EG-1230	PUP Works - Zone 1F - Energex to install tigertails	1d	09-Jan-23	09-Jan-23	91d
Conduits & Pits		58d	05-Jan-23	18-Apr-23	23d
DP-1F-EG-1000	PUP Works - Zone 1F - Gold Coast Hwy - Energex Xing (EL-100-041 / 042 / 043 / 044 / 045 /055)	58d	05-Jan-23	18-Apr-23	23d
Energex Works		65d	18-Apr-23	20-Jul-23	265d
DP-1F-EG-2000	PUP Works - Zone 1F - Gold Coast Hwy - Notification to Energex	50d	18-Apr-23	29-Jun-23	265d
DP-1F-EG-2010	PUP Works - Zone 1F - Gold Coast Hwy - Energex Works & Cutover (EL-100-041 / 042 / 043 / 044 / 045 / 055)	15d	29-Jun-23	20-Jul-23	265d
APA Gas		46d	05-Jan-23	15-Mar-23	123d
Protect/Relocate		23d	05-Jan-23	10-Feb-23	58d
DP-1F-GA-1000	PUP Works - Zone 1F - FOOTPATH - Gas Relocation DN63 IN DN110 (GA-100-012 / 013 / 014 / 015)	23d	05-Jan-23	10-Feb-23	58d
Cutover		23d	10-Feb-23	15-Mar-23	123d
DP-1F-GA-1080	PUP Works - Zone 1F - FOOTPATH - D&C Contractor to Notify APA Gas	20d	10-Feb-23	10-Mar-23	123d
DP-1F-GA-1040	PUP Works - Zone 1F - FOOTPATH - APA Gas Cutover (GA-100-012 / 013 / 014 / 015)	3d	10-Mar-23	15-Mar-23	123d
Telstra		11d	13-Jan-23	31-Jan-23	46d
DP-1F-TLS-1420	PUP Works - Zone 1F - Trench & Relocate & Future Proofing (TE-100-043 / 403 / 047 / 366 / 367)	11d	13-Jan-23	31-Jan-23	46d
NBN		20d	01-Feb-23	28-Feb-23	56d
DP-1F-NB-01200	PUP Works - Zone 1F - Gold Coast Hwy - Relocate NBN within TE-100-043 (TE-100-043a / 100-047a)	20d	01-Feb-23	28-Feb-23	56d
Street Lighting Relocations		8d	18-Apr-23	02-May-23	123d
DP-1F-Stl-1000	Lighting Works - Zone 1F - Install Temporary Street Lighting	3d	18-Apr-23	21-Apr-23	123d
DP-1F-Stl-1020	Lighting Works - Zone 1F - Removal of Existing Lighting	5d	21-Apr-23	02-May-23	123d
Civil Works - Kerb and Shoulder Lanes		77d	18-Apr-23	04-Aug-23	27d
DP-1F-CW-1520	Civil Works - Zone 1F - Shift Traffic to Median Lanes	3d	18-Apr-23	21-Apr-23	24d
DP-1F-CW-1720	Civil Works - Zone 1F - Remove existing asphalt and subbase	6d	21-Apr-23	02-May-23	54d
DP-1F-CW-1480	Civil Works - Zone 1F - Replace kerb and channel at PUP crossings	3d	02-May-23	05-May-23	54d
DP-1F-CW-2120	Civil Works - Zone 1F - Prepare subgrade	13d	22-Jun-23	11-Jul-23	23d
DP-1F-CW-1620	Civil Works - Zone 1F - Place subbase and base course	5d	13-Jul-23	19-Jul-23	23d
DP-1F-CW-1420	Civil Works - Zone 1F - Place asphalt (Incl Prime and Seal)	10d	19-Jul-23	01-Aug-23	23d
DP-1F-CW-1500	Civil Works - Zone 1F - Shift Traffic to Kerb and Shoulder Lanes	3d	01-Aug-23	04-Aug-23	23d
Civil Works - Stormwater Drainage		99d	21-Apr-23	21-Sep-23	23d
Southbound		9d	21-Apr-23	05-May-23	23d
DP-1F-DR-1160	Drainage Works - Zone 1F - Goldcoast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (Southbound)	9d	21-Apr-23	05-May-23	23d
Northbound		25d	05-May-23	13-Jun-23	23d
DP-1F-DR-1080	Drainage Works - Zone 1F - Goldcoast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (Northbound)	25d	05-May-23	13-Jun-23	23d
Crossing		6d	15-Jun-23	22-Jun-23	23d
DP-1F-DR-1100	Drainage Works - Zone 1F - Goldcoast Hwy - Stormwater RCP 450 - Excav/Lay/Bfill (Crossing) (Nightworks)	6d	15-Jun-23	22-Jun-23	23d
Undertrack		28d	04-Aug-23	21-Sep-23	23d
DP-1F-DR-1120	Drainage Works - Zone 1F - Goldcoast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (Undertrack)	28d	04-Aug-23	21-Sep-23	23d
Civil Works - Rail Corridor		80d	04-Aug-23	14-Dec-23	23d
DP-1F-CW-1000	Civil Works - Zone 1F - Shift Traffic to Kerb and Shoulder Lanes	0d		04-Aug-23	23d
DP-1F-CW-1040	Civil Works - Zone 1F - Demo/Clear/Grub	1d	04-Aug-23	07-Aug-23	50d
DP-1F-CW-2100	Civil Works - Zone 1F - Profile central median and asphalt	5d	21-Sep-23	27-Sep-23	23d
DP-1F-CW-1100	Civil Works - Zone 1F - Bulk and Detail excavation	13d	27-Sep-23	19-Oct-23	23d
DP-1F-CW-1120	Civil Works - Zone 1F - Flooding and compact subgrade	9d	19-Oct-23	01-Nov-23	23d
DP-1F-CW-1140	Civil Works - Zone 1F - Install CSR conduits and Pits	7d	01-Nov-23	16-Nov-23	23d
DP-1F-CW-1160	Civil Works - Zone 1F - Place and Compact Type 2.1 Road base	8d	16-Nov-23	29-Nov-23	23d
DP-1F-CW-1360	Civil Works - Zone 1F - Final trim and survey	9d	29-Nov-23	12-Dec-23	23d
DP-1F-CW-1180	Civil Works - Zone 1F - Spray bitumen chip seal	1d	12-Dec-23	14-Dec-23	23d
Civil Works - Track		34d	14-Dec-23	24-Feb-24	23d
DP-1F-TW-1000	Track Works - Zone 1F - Install/weld rail, Rail Systems Loop and form/reo	16d	14-Dec-23	24-Jan-24	23d
DP-1F-TW-1020	Track Works - Zone 1F - Install OLE foundations	16d	14-Dec-23	24-Jan-24	23d
DP-1F-TW-1040	Track Works - Zone 1F - Perform electrical continuity testing/hold points	7d	25-Jan-24	08-Feb-24	23d
DP-1F-TW-1080	Track Works - Zone 1F - Pour concrete, strip formwork and install lids	11d	08-Feb-24	24-Feb-24	23d
Civil Works - Reinstate Track Verge		12d	24-Feb-24	14-Mar-24	23d
DP-1F-CW-1200	Civil Works - Zone 1F - Place and Compact Type 2.1 Road base	4d	24-Feb-24	04-Mar-24	23d
DP-1F-CW-1700	Civil Works - Zone 1F - FRP Median Kerbs	8d	04-Mar-24	14-Mar-24	23d
Civil Works - Central Lanes		29d	14-Mar-24	29-Apr-24	197d
DP-1F-CW-1820	Civil Works - Zone 1F - Remove existing asphalt and subbase	3d	14-Mar-24	21-Mar-24	87d
DP-1F-CW-1840	Civil Works - Zone 1F - Prepare subgrade	8d	21-Mar-24	12-Apr-24	87d
DP-1F-CW-1880	Civil Works - Zone 1F - Place subbase and base course	3d	12-Apr-24	16-Apr-24	88d
DP-1F-CW-1760	Civil Works - Zone 1F - Place asphalt (Incl Prime and Seal)	5d	16-Apr-24	23-Apr-24	88d
DP-1F-CW-1780	Civil Works - Zone 1F - Remove Barriers - Shift Traffic to Permanent Alignment	3d	23-Apr-24	29-Apr-24	197d
Civil Works - System Fitout		48d	14-Mar-24	27-May-24	81d
DP-1F-CW-1660	Civil Works - Zone 1F - Erect Overhead Wire Poles with Lighting	2d	14-Mar-24	19-Mar-24	93d



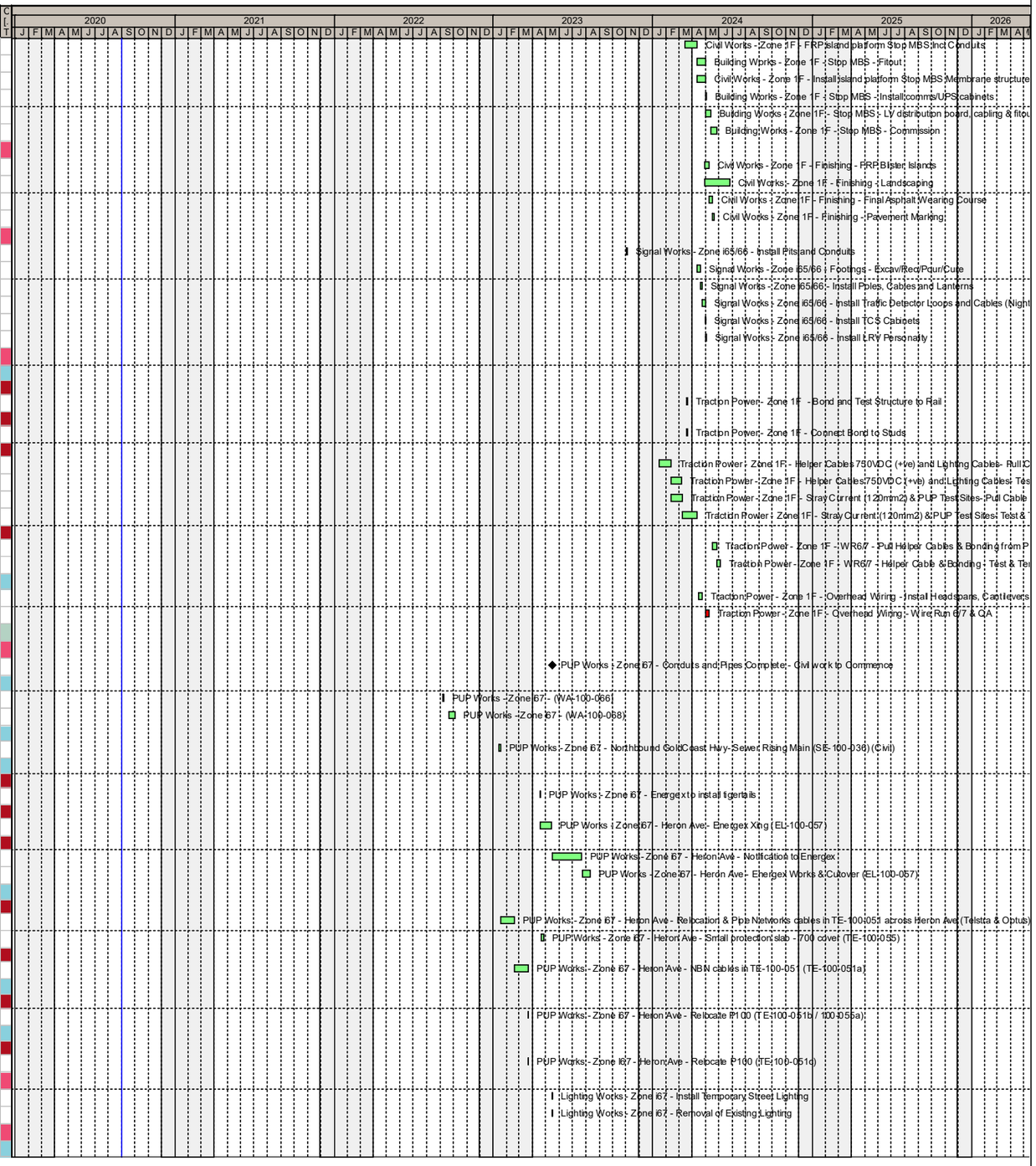
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
DP-1F-CW-1680	Civil Works - Zone 1F - FRP island platform Stop MBS Incl Conduits	10d	14-Mar-24	11-Apr-24	23d	
DP-1F-BW-1040	Building Works - Zone 1F - Stop MBS - Fitout	15d	11-Apr-24	02-May-24	78d	
DP-1F-CW-1900	Civil Works - Zone 1F - Install island platform Stop MBS Membrane structure Incl Membrane	15d	11-Apr-24	02-May-24	23d	
DP-1F-BW-1060	Building Works - Zone 1F - Stop MBS - Install comms/UPS cabinets	1d	02-May-24	03-May-24	77d	
DP-1F-BW-1080	Building Works - Zone 1F - Stop MBS - LV distribution board, cabling & fitout	5d	02-May-24	14-May-24	23d	
DP-1F-BW-1100	Building Works - Zone 1F - Stop MBS - Commission	10d	14-May-24	27-May-24	73d	
Civil Works - Finishing		37d	29-Apr-24	25-Jun-24	186d	
DP-1F-CW-5000	Civil Works - Zone 1F - Finishing - FRP Blister Islands	7d	29-Apr-24	09-May-24	176d	
DP-1F-CW-5060	Civil Works - Zone 1F - Finishing - Landscaping	37d	29-Apr-24	25-Jun-24	186d	
DP-1F-CW-5020	Civil Works - Zone 1F - Finishing - Final Asphalt Wearing Course	4d	09-May-24	18-May-24	176d	
DP-1F-CW-5040	Civil Works - Zone 1F - Finishing - Pavement Marking	2d	18-May-24	21-May-24	176d	
Traffic Control Systems (TCS)		97d	01-Nov-23	03-May-24	87d	
DP-I65-TCS-1000	Signal Works - Zone i65/66 - Install Pits and Conduits	2d	01-Nov-23	03-Nov-23	28d	
DP-I65-TCS-1040	Signal Works - Zone i65/66 - Footings - Excav/Reo/Pour/Cure	5d	12-Apr-24	19-Apr-24	87d	
DP-I65-TCS-1060	Signal Works - Zone i65/66 - Install Poles, Cables and Lanterns	4d	19-Apr-24	24-Apr-24	87d	
DP-I65-TCS-1080	Signal Works - Zone i65/66 - Install Traffic Detector Loops and Cables (Nights)	4d	24-Apr-24	01-May-24	87d	
DP-I65-TCS-1100	Signal Works - Zone i65/66 - Install TCS Cabinets	1d	01-May-24	02-May-24	87d	
DP-I65-TCS-1120	Signal Works - Zone i65/66 - Install LRV Personality	1d	02-May-24	03-May-24	87d	
Traction Power & Overhead Line		79d	15-Jan-24	03-Jun-24	105d	
CSR Cabling		79d	15-Jan-24	03-Jun-24	105d	
Structure-to-Track		1d	19-Mar-24	21-Mar-24	103d	
DP-1F-BC-1220	Traction Power - Zone 1F - Bond and Test Structure to Rail	1d	19-Mar-24	21-Mar-24	103d	
Track-to-Track		1d	19-Mar-24	21-Mar-24	103d	
DP-1F-BC-1000	Traction Power - Zone 1F - Connect Bond to Studs	1d	19-Mar-24	21-Mar-24	103d	
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	139d	
DP-1F-HC-1020	Traction Power - Zone 1F - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	139d	
DP-1F-HC-1090	Traction Power - Zone 1F - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	155d	
DP-1F-ST-1020	Traction Power - Zone 1F - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d	
DP-1F-ST-1040	Traction Power - Zone 1F - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	139d	
Pit-to-OLE		12d	17-May-24	03-Jun-24	105d	
DP-1F-HC-1070	Traction Power - Zone 1F - WR6/7 - Pull Helper Cables & Bonding from Pit to OHL	8d	17-May-24	27-May-24	105d	
DP-1F-OH-1140	Traction Power - Zone 1F - WR6/7 - Helper Cable & Bonding - Test & Terminate	4d	27-May-24	03-Jun-24	105d	
Overhead Line		15d	15-Apr-24	08-May-24	82d	
DP-1F-OH-1020	Traction Power - Zone 1F - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	86d	
DP-1F-OH-1040	Traction Power - Zone 1F - Overhead Wiring - Wire Run 6/7 & QA	4d	01-May-24	08-May-24	82d	
Zone i67 Intersection - Med Term Closure - Heron Ave (Ch 35,417 - 35,450) - 33m		416d	07-Sep-22	28-May-24	200d	
Public Utilities Plant Works		226d	07-Sep-22	11-Aug-23	248d	
DP-I67-MS-1000	PUP Works - Zone i67 - Conduits and Pipes Complete - Civil work to Commence	0d		15-May-23	70d	
CoGC - Water		18d	07-Sep-22	05-Oct-22	186d	
DP-i67-WT-1000	PUP Works - Zone i67 - (WA-100-066)	2d	07-Sep-22	09-Sep-22	202d	
DP-i67-WT-1010	PUP Works - Zone i67 - (WA-100-068)	9d	20-Sep-22	05-Oct-22	186d	
CoGC - Sewer		1d	13-Jan-23	17-Jan-23	79d	
DP-i67-SW-1123	PUP Works - Zone i67 - Northbound GoldCoast Hwy- Sewer Rising Main (SE-100-036) (Civil)	1d	13-Jan-23	17-Jan-23	79d	
Energex		82d	18-Apr-23	11-Aug-23	248d	
Pre-Works		1d	18-Apr-23	19-Apr-23	79d	
DP-I67-EG-1210	PUP Works - Zone i67 - Energex to install tigertails	1d	18-Apr-23	19-Apr-23	79d	
Conduits & Pits		15d	18-Apr-23	13-May-23	66d	
DP-I67-EG-1000	PUP Works - Zone i67 - Heron Ave - Energex Xing (EL-100-057)	15d	18-Apr-23	13-May-23	66d	
Energex Works		65d	15-May-23	11-Aug-23	248d	
DP-I67-EG-2000	PUP Works - Zone i67 - Heron Ave - Notification to Energex	50d	15-May-23	21-Jul-23	248d	
DP-I67-EG-2010	PUP Works - Zone i67 - Heron Ave - Energex Works & Cutover (EL-100-057)	15d	24-Jul-23	11-Aug-23	248d	
Telstra		58d	17-Jan-23	27-Apr-23	75d	
Trench (D&C Contractor)		58d	17-Jan-23	27-Apr-23	75d	
DP-I67-TLS-1430	PUP Works - Zone i67 - Heron Ave - Relocation & Pipe Networks cables in TE-100-051 across Heron Ave (Telstra	20d	17-Jan-23	17-Feb-23	91d	
DP-I67-TLS-1450	PUP Works - Zone i67 - Heron Ave - Small protection slab - 700 cover (TE-100-055)	5d	20-Apr-23	27-Apr-23	75d	
Relocate Conduits & Cable Pull		20d	17-Feb-23	21-Mar-23	91d	
DP-I67-TLS-1400	PUP Works - Zone i67 - Heron Ave - NBN cables in TE-100-051 (TE-100-051a)	20d	17-Feb-23	21-Mar-23	91d	
NBN		1d	21-Mar-23	22-Mar-23	104d	
Relocate Conduits & Cable Pull		1d	21-Mar-23	22-Mar-23	104d	
DP-I67-NB-01220	PUP Works - Zone i67 - Heron Ave - Relocate P100 (TE-100-051b / 100-055a)	1d	21-Mar-23	22-Mar-23	104d	
OPTUS		1d	21-Mar-23	22-Mar-23	104d	
Relocate Conduits & Cable Pull		1d	21-Mar-23	22-Mar-23	104d	
DP-I67-OP-01220	PUP Works - Zone i67 - Heron Ave - Relocate P100 (TE-100-051c)	1d	21-Mar-23	22-Mar-23	104d	
Street Lighting Relocations		2d	15-May-23	16-May-23	254d	
DP-I67-Stl-1000	Lighting Works - Zone i67 - Install Temporary Street Lighting	1d	15-May-23	15-May-23	254d	
DP-I67-Stl-1020	Lighting Works - Zone i67 - Removal of Existing Lighting	1d	16-May-23	16-May-23	254d	
Civil Works - Stormwater Drainage		14d	16-May-23	03-Jun-23	66d	
Northbound		2d	16-May-23	18-May-23	66d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
DP-i67-DR-1000	Drainage Works - Zone i67 - Goldcoast Hwy - DN375 Stormwater - Excav/Lay/Bfill (Northbound)(night)	2d	16-May-23	18-May-23	66d	
Undertrack		6d	26-May-23	03-Jun-23	66d	
DP-i67-DR-1010	Drainage Works - Zone i67 - Goldcoast Hwy - DN375 Stormwater - Excav/Lay/Bfill (Night)	6d	26-May-23	03-Jun-23	66d	
Civil Works - Kerb and Shoulder Lanes		9d	15-May-23	26-May-23	71d	
DP-I67-CW-1520	Civil Works - Zone i67 - Shift Traffic to Median Lanes	1d	15-May-23	15-May-23	70d	
DP-I67-CW-1720	Civil Works - Zone i67 - Remove existing asphalt and subbase	1d	16-May-23	17-May-23	67d	
DP-I67-CW-1480	Civil Works - Zone i67 - Replace kerb and channel at PUP crossings	0d	17-May-23	17-May-23	67d	
DP-I67-CW-2120	Civil Works - Zone i67 - Prepare subgrade	1d	18-May-23	19-May-23	66d	
DP-I67-CW-1620	Civil Works - Zone i67 - Place subbase and base course	1d	19-May-23	20-May-23	66d	
DP-I67-CW-1420	Civil Works - Zone i67 - Place asphalt (Incl Primer Seal)	4d	20-May-23	26-May-23	66d	
DP-I67-CW-1500	Civil Works - Zone i67 - Shift Traffic to Kerb and Shoulder Lanes	0d	26-May-23	26-May-23	71d	
Civil Works - Rail Corridor		14d	26-May-23	17-Jun-23	211d	
DP-I67-CW-1000	Civil Works - Zone i67 - Shift Traffic to Kerb and Shoulder Lanes	0d		26-May-23	66d	
DP-I67-CW-1040	Civil Works - Zone i67 - Demo/Clear/Grub	1d	26-May-23	29-May-23	216d	
DP-I67-CW-2100	Civil Works - Zone i67 - Profile central median and asphalt	1d	03-Jun-23	05-Jun-23	211d	
DP-I67-CW-1100	Civil Works - Zone i67 - Bulk and Detail excavation	2d	05-Jun-23	07-Jun-23	211d	
DP-I67-CW-1120	Civil Works - Zone i67 - Flooding and compact subgrade	1d	07-Jun-23	08-Jun-23	211d	
DP-I67-CW-1140	Civil Works - Zone i67 - Install CSR conduits and Pits	1d	08-Jun-23	09-Jun-23	211d	
DP-I67-CW-1160	Civil Works - Zone i67 - Place and Compact Type 2.1 Road base	1d	13-Jun-23	15-Jun-23	211d	
DP-I67-CW-1360	Civil Works - Zone i67 - Final trim and survey	1d	15-Jun-23	16-Jun-23	211d	
DP-I67-CW-1180	Civil Works - Zone i67 - Spray bitumen chip seal	1d	16-Jun-23	17-Jun-23	211d	
Civil Works - Track		4d	17-Jun-23	22-Jun-23	211d	
DP-I67-TW-1000	Track Works - Zone i67 - Install/weld rail, Rail Systems Loop and form/reo	1d	17-Jun-23	19-Jun-23	211d	
DP-I67-TW-1020	Track Works - Zone i67 - Install OLE foundations	1d	17-Jun-23	19-Jun-23	211d	
DP-I67-TW-1040	Track Works - Zone i67 - Perform electrical continunity testing/hold points	1d	19-Jun-23	20-Jun-23	211d	
DP-I67-TW-1080	Track Works - Zone i67 - Pour concrete, strip formwork and install lids	2d	20-Jun-23	22-Jun-23	211d	
Civil Works - Reinstate Track Verge		1d	22-Jun-23	23-Jun-23	211d	
DP-I67-CW-1200	Civil Works - Zone i67 - Place and Compact Type 2.1 Road base	1d	22-Jun-23	23-Jun-23	211d	
Civil Works - Central Lanes		8d	23-Jun-23	05-Jul-23	289d	
DP-I67-CW-1820	Civil Works - Zone i67 - Remove existing asphalt and subbase	1d	23-Jun-23	26-Jun-23	211d	
DP-I67-CW-1840	Civil Works - Zone i67 - Prepare Subgrade	1d	26-Jun-23	27-Jun-23	211d	
DP-I67-CW-1880	Civil Works - Zone i67 - Place subbase and base course	1d	27-Jun-23	28-Jun-23	211d	
DP-I67-CW-1760	Civil Works - Zone i67 - Place asphalt (Incl Primer Seal)	4d	28-Jun-23	05-Jul-23	254d	
DP-I67-CW-1780	Civil Works - Zone i67 - Remove Barriers - Shift Traffic to Permanent Alignment	0d	05-Jul-23	05-Jul-23	289d	
Civil Works - Finishing		190d	05-Jul-23	28-May-24	176d	
DP-I67-CW-5020	Civil Works - Zone i67 - Finishing - Final Asphalt Wearing Course	1d	05-Jul-23	06-Jul-23	363d	
DP-I67-CW-5040	Civil Works - Zone i67 - Finishing - Pavement Marking	2d	25-May-24	28-May-24	176d	
Traffic Control Systems (TCS)		24d	08-Jun-23	17-Jul-23	271d	
DP-I67-TCS-1000	Signal Works - Zone i67 - Install Pits and Conduits	1d	08-Jun-23	09-Jun-23	211d	
DP-I67-TCS-1040	Signal Works - Zone i67 - Footings - Excav/Reo/Pour/Cure	4d	28-Jun-23	05-Jul-23	211d	
DP-I67-TCS-1060	Signal Works - Zone i67 - Install Poles, Cables and Lanterns	3d	05-Jul-23	08-Jul-23	271d	
DP-I67-TCS-1080	Signal Works - Zone i67 - Install Traffic Detector Loops and Cables (Nights)	3d	08-Jul-23	14-Jul-23	271d	
DP-I67-TCS-1100	Signal Works - Zone i67 - Install TCS Cabinets	1d	14-Jul-23	15-Jul-23	271d	
DP-I67-TCS-1120	Signal Works - Zone i67 - Install LRV Personality	1d	15-Jul-23	17-Jul-23	271d	
Traction Power & Overhead Line		184d	23-Jun-23	08-May-24	121d	
CSR Cabling		166d	23-Jun-23	11-Apr-24	139d	
Track-to-Track		1d	23-Jun-23	26-Jun-23	260d	
DP-i67-BC-1000	Traction Power - Zone i67 - Stg 1 - Connect Bond to Studs	1d	23-Jun-23	26-Jun-23	260d	
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	139d	
DP-i67-HC-1020	Traction Power - Zone i67 - Heber Cables 750VDC (+ve) and Lighting Cables(Stage 1) - Pull Cable (Incl Fit Out Pi	15d	15-Jan-24	12-Feb-24	139d	
DP-i67-HC-1040	Traction Power - Zone i67 - Heber Cables 750VDC (+ve) and Lighting Cables(Stage 2) - Pull Cable (Incl Fit Out Pi	15d	15-Jan-24	12-Feb-24	139d	
DP-i67-HC-1060	Traction Power - Zone i67 - Heber Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	155d	
DP-i67-ST-1020	Traction Power - Zone i67 - Stray Current (120mm2) & PUP Test Sites(Stage 1) - Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d	
DP-i67-ST-1040	Traction Power - Zone i67 - Stray Current (120mm2) & PUP Test Sites(Stage 2) - Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d	
DP-i67-ST-1060	Traction Power - Zone i67 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	139d	
Overhead Line		4d	01-May-24	08-May-24	82d	
DP-i67-OH-1040	Traction Power - Zone i67 - Overhead Wiring - Wire Run 6/7 & QA	4d	01-May-24	08-May-24	82d	
Zone 1G (Ch 35,450 - 35,870) - 420		497d	23-May-22	03-Jun-24	232d	
Public Utilities Plant Works		203d	23-May-22	20-Mar-23	348d	
DP-1G-MS-1000	PUP Works - Zone 1G - Conduits and Pipes Complete - Civil work to Commence	0d		02-Dec-22	31d	
CoGC - Water		49d	23-May-22	02-Aug-22	103d	
DP-1G-WT-1020	PUP Works - Zone 1G - (WA-100-071)	2d	23-May-22	26-May-22	137d	
DP-1G-WT-1040	PUP Works - Zone 1G - (WA-100-224)	2d	29-Jul-22	02-Aug-22	103d	
CoGC - Sewer		34d	23-Jul-22	13-Sep-22	45d	
DP-1G-SW-1300	PUP Works - Zone 1G- Surf St crossing Goldcoast Hwy - Sewer Pipe Reline (SE-100-060)	2d	23-Jul-22	26-Jul-22	77d	
DP-1G-SW-1280	PUP Works - Zone 1G- Southbound Goldcoast Hwy to Surf St - Sewer Pipe Reline (SE-100-054)	2d	24-Aug-22	29-Aug-22	45d	



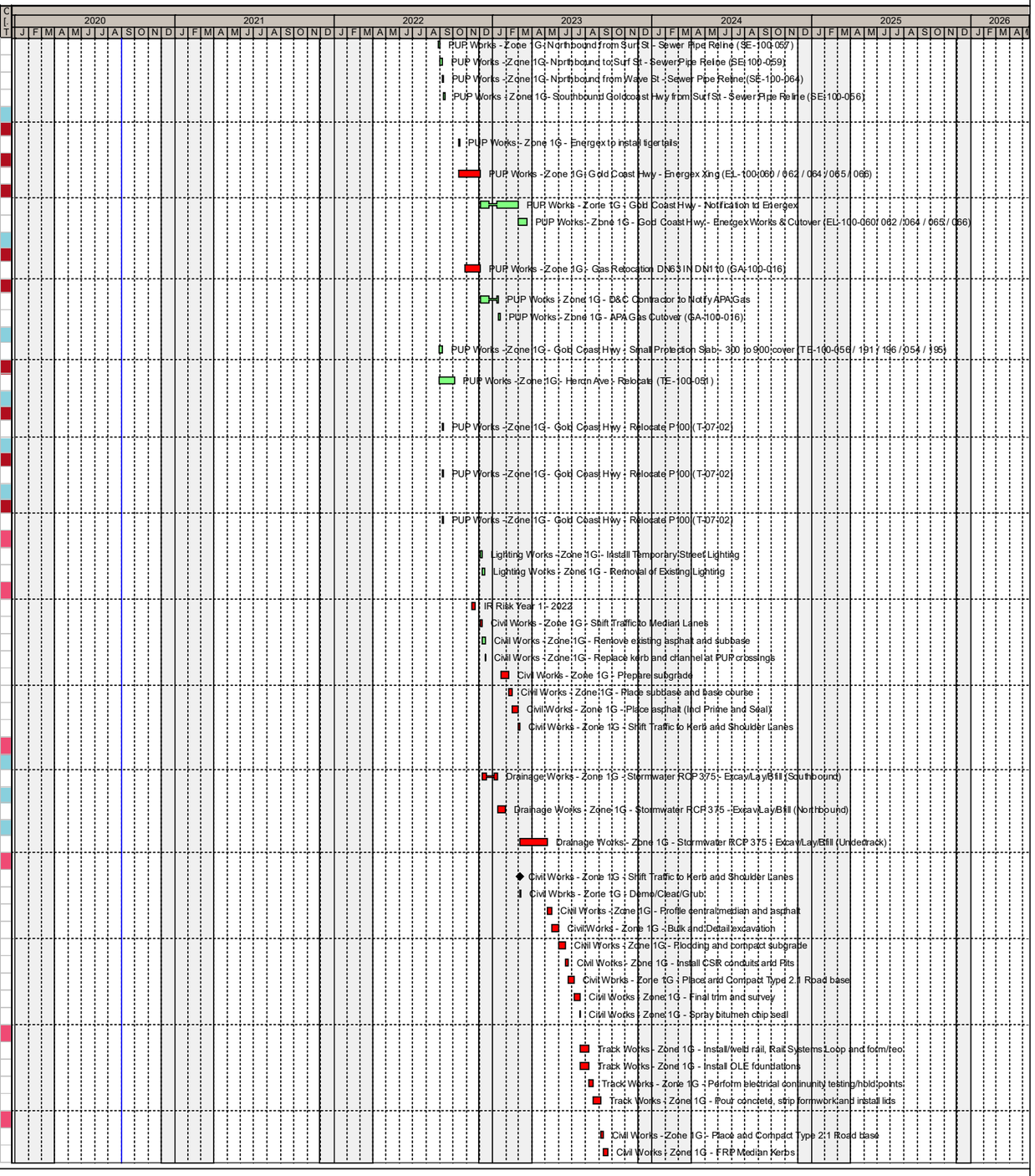
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
DP-1G-SW-1320	PUP Works - Zone 1G- Northbound from Surf St - Sewer Pipe Reline (SE-100-057)	3d	29-Aug-22	01-Sep-22	45d	
DP-1G-SW-1340	PUP Works - Zone 1G- Northbound to Surf St - Sewer Pipe Reline (SE-100-059)	2d	01-Sep-22	06-Sep-22	45d	
DP-1G-SW-1360	PUP Works - Zone 1G- Northbound from Wave St - Sewer Pipe Reline (SE-100-064)	3d	06-Sep-22	09-Sep-22	45d	
DP-1G-SW-1380	PUP Works - Zone 1G- Southbound Goldcoast Hwy from Surf St - Sewer Pipe Reline (SE-100-056)	3d	09-Sep-22	13-Sep-22	45d	
Energex		101d	14-Oct-22	20-Mar-23	348d	
Pre-Works		1d	14-Oct-22	17-Oct-22	41d	
DP-1G-EG-1250	PUP Works - Zone 1G - Energex to install tigertails	1d	14-Oct-22	17-Oct-22	41d	
Conduits & Pits		31d	14-Oct-22	02-Dec-22	26d	
DP-1G-EG-1000	PUP Works - Zone 1G- Gold Coast Hwy - Energex Xing (EL-100-060 / 062 / 064 / 065 / 066)	31d	14-Oct-22	02-Dec-22	26d	
Energex Works		65d	02-Dec-22	20-Mar-23	348d	
DP-1G-EG-2000	PUP Works - Zone 1G - Gold Coast Hwy - Notification to Energex	50d	02-Dec-22	27-Feb-23	348d	
DP-1G-EG-2010	PUP Works - Zone 1G - Gold Coast Hwy - Energex Works & Cutover (EL-100-060/ 062 / 064 / 065 / 066)	15d	27-Feb-23	20-Mar-23	348d	
APA Gas		48d	29-Oct-22	18-Jan-23	61d	
Protect/Relocate		20d	29-Oct-22	02-Dec-22	26d	
DP-1G-GA-1000	PUP Works - Zone 1G - Gas Relocation DN63 IN DN110 (GA-100-016)	20d	29-Oct-22	02-Dec-22	26d	
Cutover		23d	02-Dec-22	18-Jan-23	61d	
DP-1G-GA-1100	PUP Works - Zone 1G - D&C Contractor to Notify APA Gas	20d	02-Dec-22	13-Jan-23	61d	
DP-1G-GA-1120	PUP Works - Zone 1G - APA Gas Cutover (GA-100-016)	3d	13-Jan-23	18-Jan-23	61d	
Telstra		22d	31-Aug-22	05-Oct-22	63d	
DP-1G-TLS-1240	PUP Works - Zone 1G - Gold Coast Hwy - Small Protection Slab - 300 to 900 cover (TE-100-056 / 191 / 196 / 054	5d	31-Aug-22	08-Sep-22	79d	
Trench (D&C Contractor)		22d	31-Aug-22	05-Oct-22	63d	
DP-1G-TLS-1260	PUP Works - Zone 1G - Heron Ave - Relocate (TE-100-051)	22d	31-Aug-22	05-Oct-22	63d	
NBN		1d	08-Sep-22	09-Sep-22	90d	
Relocate Conduits & Cable Pull		1d	08-Sep-22	09-Sep-22	90d	
DP-1G-NB-01240	PUP Works - Zone 1G - Gold Coast Hwy - Relocate P100 (T-07-02)	1d	08-Sep-22	09-Sep-22	90d	
OPTUS		1d	08-Sep-22	09-Sep-22	90d	
Relocate Conduits & Cable Pull		1d	08-Sep-22	09-Sep-22	90d	
DP-1G-OP-01240	PUP Works - Zone 1G - Gold Coast Hwy - Relocate P100 (T-07-02)	1d	08-Sep-22	09-Sep-22	90d	
TPG		1d	08-Sep-22	09-Sep-22	90d	
Relocate Conduits & Cable Pull		1d	08-Sep-22	09-Sep-22	90d	
DP-1G-TP-01240	PUP Works - Zone 1G - Gold Coast Hwy - Relocate P100 (T-07-02)	1d	08-Sep-22	09-Sep-22	90d	
Street Lighting Relocations		6d	02-Dec-22	12-Dec-22	116d	
DP-1G-Stl-1000	Lighting Works - Zone 1G - Install Temporary Street Lighting	2d	02-Dec-22	06-Dec-22	116d	
DP-1G-Stl-1020	Lighting Works - Zone 1G - Removal of Existing Lighting	4d	06-Dec-22	12-Dec-22	116d	
Civil Works - Kerb and Shoulder Lanes		68d	12-Nov-22	03-Mar-23	34d	
DP-1G-CW-5070	IR Risk Year 1 - 2022	5d	12-Nov-22	21-Nov-22	3d	
DP-1G-CW-1520	Civil Works - Zone 1G - Shift Traffic to Median Lanes	3d	02-Dec-22	07-Dec-22	31d	
DP-1G-CW-1720	Civil Works - Zone 1G - Remove existing asphalt and subbase	5d	08-Dec-22	15-Dec-22	36d	
DP-1G-CW-1480	Civil Works - Zone 1G - Replace kerb and channel at PUP crossings	0d	15-Dec-22	15-Dec-22	36d	
DP-1G-CW-2120	Civil Works - Zone 1G - Prepare subgrade	11d	20-Jan-23	06-Feb-23	25d	
DP-1G-CW-1620	Civil Works - Zone 1G - Place subbase and base course	5d	06-Feb-23	14-Feb-23	25d	
DP-1G-CW-1420	Civil Works - Zone 1G - Place asphalt (Incl Prime and Seal)	9d	14-Feb-23	28-Feb-23	25d	
DP-1G-CW-1500	Civil Works - Zone 1G - Shift Traffic to Kerb and Shoulder Lanes	3d	28-Feb-23	03-Mar-23	34d	
Civil Works - Stormwater Drainage		77d	08-Dec-22	05-May-23	25d	
Southbound		12d	08-Dec-22	12-Jan-23	25d	
DP-1G-DR-1000	Drainage Works - Zone 1G - Stormwater RCP 375 - Excav/Lay/Bfill (Southbound)	12d	08-Dec-22	12-Jan-23	25d	
Northbound		10d	12-Jan-23	30-Jan-23	25d	
DP-1G-DR-1020	Drainage Works - Zone 1G - Stormwater RCP 375 - Excav/Lay/Bfill (Northbound)	10d	12-Jan-23	30-Jan-23	25d	
Undertrack		34d	03-Mar-23	05-May-23	25d	
DP-1G-DR-1040	Drainage Works - Zone 1G - Stormwater RCP 375 - Excav/Lay/Bfill (Undertrack)	34d	03-Mar-23	05-May-23	25d	
Civil Works - Rail Corridor		84d	03-Mar-23	20-Jul-23	25d	
DP-1G-CW-1000	Civil Works - Zone 1G - Shift Traffic to Kerb and Shoulder Lanes	0d		03-Mar-23	25d	
DP-1G-CW-1040	Civil Works - Zone 1G - Demo/Clear/Grub	1d	03-Mar-23	06-Mar-23	58d	
DP-1G-CW-2100	Civil Works - Zone 1G - Profile central median and asphalt	4d	05-May-23	15-May-23	25d	
DP-1G-CW-1100	Civil Works - Zone 1G - Bulk and Detail excavation	13d	15-May-23	01-Jun-23	25d	
DP-1G-CW-1120	Civil Works - Zone 1G - Flooding and compact subgrade	9d	01-Jun-23	16-Jun-23	25d	
DP-1G-CW-1140	Civil Works - Zone 1G - Install CSR conduits and Pits	6d	16-Jun-23	23-Jun-23	25d	
DP-1G-CW-1160	Civil Works - Zone 1G - Place and Compact Type 2.1 Road base	8d	23-Jun-23	07-Jul-23	25d	
DP-1G-CW-1360	Civil Works - Zone 1G - Final trim and survey	9d	07-Jul-23	19-Jul-23	25d	
DP-1G-CW-1180	Civil Works - Zone 1G - Spray bitumen chip seal	1d	19-Jul-23	20-Jul-23	25d	
Civil Works - Track		29d	20-Jul-23	06-Sep-23	25d	
DP-1G-TW-1000	Track Works - Zone 1G - Install/weld rail, Rail Systems Loop and form/reo	13d	20-Jul-23	08-Aug-23	25d	
DP-1G-TW-1020	Track Works - Zone 1G - Install OLE foundations	13d	20-Jul-23	08-Aug-23	25d	
DP-1G-TW-1040	Track Works - Zone 1G - Perform electrical continunity testing/hold points	6d	08-Aug-23	19-Aug-23	25d	
DP-1G-TW-1080	Track Works - Zone 1G - Pour concrete, strip formwork and install lids	10d	19-Aug-23	06-Sep-23	25d	
Civil Works - Reinstate Track Verge		11d	06-Sep-23	21-Sep-23	25d	
DP-1G-CW-1200	Civil Works - Zone 1G - Place and Compact Type 2.1 Road base	4d	06-Sep-23	11-Sep-23	25d	
DP-1G-CW-1700	Civil Works - Zone 1G - FRP Median Kerbs	7d	11-Sep-23	21-Sep-23	25d	



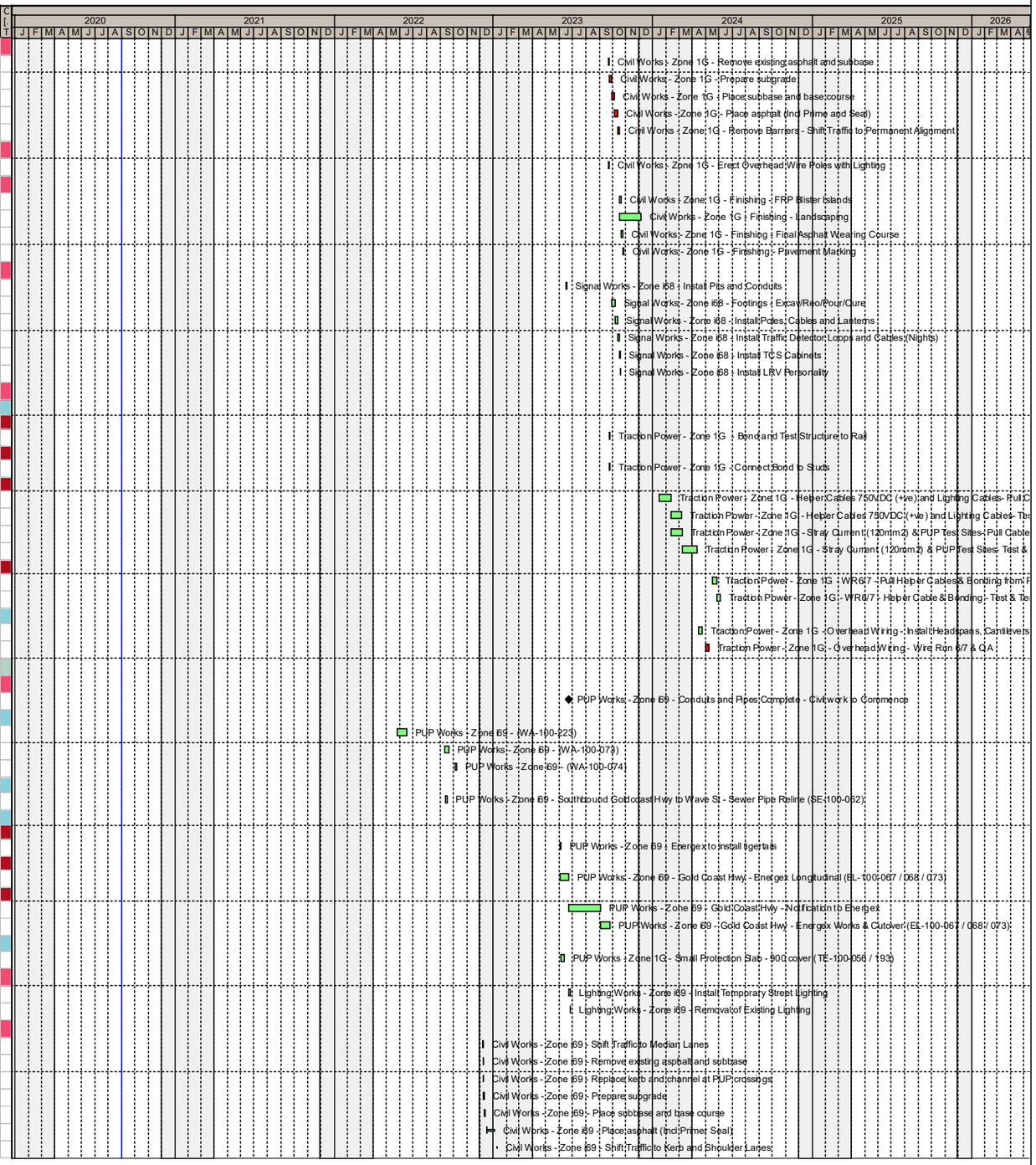
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Civil Works - Central Lanes		17d	21-Sep-23	17-Oct-23	29d
DP-1G-CW-1820	Civil Works - Zone 1G - Remove existing asphalt and subbase	2d	21-Sep-23	23-Sep-23	25d
DP-1G-CW-1840	Civil Works - Zone 1G - Prepare subgrade	4d	23-Sep-23	28-Sep-23	25d
DP-1G-CW-1880	Civil Works - Zone 1G - Place subbase and base course	2d	29-Sep-23	05-Oct-23	25d
DP-1G-CW-1760	Civil Works - Zone 1G - Place asphalt (Incl Prime and Seal)	5d	05-Oct-23	12-Oct-23	25d
DP-1G-CW-1780	Civil Works - Zone 1G - Remove Barriers - Shift Traffic to Permanent Alignment	3d	12-Oct-23	17-Oct-23	29d
Civil Works - System Fitout		2d	21-Sep-23	23-Sep-23	190d
DP-1G-CW-1660	Civil Works - Zone 1G - Erect Overhead Wire Poles with Lighting	2d	21-Sep-23	23-Sep-23	190d
Civil Works - Finishing		31d	17-Oct-23	05-Dec-23	295d
DP-1G-CW-5000	Civil Works - Zone 1G - Finishing - FRP Blister Islands	3d	17-Oct-23	20-Oct-23	272d
DP-1G-CW-5060	Civil Works - Zone 1G - Finishing - Landscaping	31d	17-Oct-23	05-Dec-23	295d
DP-1G-CW-5020	Civil Works - Zone 1G - Finishing - Final Asphalt Wearing Course	3d	20-Oct-23	24-Oct-23	272d
DP-1G-CW-5040	Civil Works - Zone 1G - Finishing - Pavement Marking	2d	24-Oct-23	27-Oct-23	272d
Traffic Control Systems (TCS)		82d	16-Jun-23	19-Oct-23	210d
DP-I68-TCS-1000	Signal Works - Zone i68 - Install Pits and Conduits	2d	16-Jun-23	19-Jun-23	29d
DP-I68-TCS-1040	Signal Works - Zone i68 - Footings - Excav/Reo/Pour/Cure	4d	29-Sep-23	07-Oct-23	150d
DP-I68-TCS-1060	Signal Works - Zone i68 - Install Poles, Cables and Lanterns	3d	07-Oct-23	12-Oct-23	210d
DP-I68-TCS-1080	Signal Works - Zone i68 - Install Traffic Detector Loops and Cables (Nights)	3d	12-Oct-23	17-Oct-23	210d
DP-I68-TCS-1100	Signal Works - Zone i68 - Install TCS Cabinets	1d	17-Oct-23	18-Oct-23	210d
DP-I68-TCS-1120	Signal Works - Zone i68 - Install LRV Personality	1d	18-Oct-23	19-Oct-23	210d
Traction Power & Overhead Line		140d	23-Sep-23	03-Jun-24	105d
CSR Cabling		140d	23-Sep-23	03-Jun-24	105d
Structure-to-Track		1d	23-Sep-23	25-Sep-23	200d
DP-1G-BC-1260	Traction Power - Zone 1G - Bond and Test Structure to Rail	1d	23-Sep-23	25-Sep-23	200d
Track-to-Track		1d	23-Sep-23	25-Sep-23	200d
DP-1G-BC-1000	Traction Power - Zone 1G - Connect Bond to Studs	1d	23-Sep-23	25-Sep-23	200d
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	139d
DP-1G-HC-1020	Traction Power - Zone 1G - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	139d
DP-1G-HC-1110	Traction Power - Zone 1G - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	155d
DP-1G-ST-1020	Traction Power - Zone 1G - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	139d
DP-1G-ST-1040	Traction Power - Zone 1G - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	139d
Pit-to-OLE		12d	17-May-24	03-Jun-24	105d
DP-1G-HC-1060	Traction Power - Zone 1G - WR6/7 - Pull Helper Cables & Bonding from Pit to OHL	8d	17-May-24	27-May-24	105d
DP-1G-HC-1080	Traction Power - Zone 1G - WR6/7 - Helper Cable & Bonding - Test & Terminate	4d	27-May-24	03-Jun-24	105d
Overhead Line		15d	15-Apr-24	08-May-24	82d
DP-1G-OH-1020	Traction Power - Zone 1G - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	86d
DP-1G-OH-1040	Traction Power - Zone 1G - Overhead Wiring - Wire Run 6/7 & QA	4d	01-May-24	08-May-24	82d
Zone i69 Intersection - Med Term Closure - Wave St (Ch 35,870 - 35,905) - 35m		506d	26-May-22	20-Jun-24	174d
Public Utilities Plant Works		329d	26-May-22	25-Sep-23	219d
DP-I69-MS-1000	PUP Works - Zone i69 - Conduits and Pipes Complete - Civil work to Commence	0d		23-Jun-23	190d
CoGC - Water		90d	26-May-22	08-Oct-22	309d
DP-i69-WT-1000	PUP Works - Zone i69 - (WA-100-223)	13d	26-May-22	15-Jun-22	137d
DP-i69-WT-1020	PUP Works - Zone i69 - (WA-100-073)	6d	10-Sep-22	20-Sep-22	321d
DP-i69-WT-1580	PUP Works - Zone i69 - (WA-100-074)	3d	05-Oct-22	08-Oct-22	225d
CoGC - Sewer		2d	13-Sep-22	17-Sep-22	102d
DP-i69-SW-1100	PUP Works - Zone i69 - Southbound Goldcoast Hwy to Wave St - Sewer Pipe Reline (SE-100-062)	2d	13-Sep-22	17-Sep-22	102d
Energex		80d	02-Jun-23	25-Sep-23	219d
Pre-Works		1d	02-Jun-23	05-Jun-23	195d
DP-I69-EG-1270	PUP Works - Zone i69 - Energex to install tigertails	1d	02-Jun-23	05-Jun-23	195d
Conduits & Pits		14d	02-Jun-23	23-Jun-23	88d
DP-I69-EG-1000	PUP Works - Zone i69 - Gold Coast Hwy - Energex Longitudinal (EL-100-067 / 068 / 073)	14d	02-Jun-23	23-Jun-23	88d
Energex Works		65d	23-Jun-23	25-Sep-23	219d
DP-I69-EG-2000	PUP Works - Zone i69 - Gold Coast Hwy - Notification to Energex	50d	23-Jun-23	04-Sep-23	219d
DP-I69-EG-2010	PUP Works - Zone i69 - Gold Coast Hwy - Energex Works & Cutover (EL-100-067 / 068 / 073)	15d	04-Sep-23	25-Sep-23	219d
Telstra		5d	05-Jun-23	13-Jun-23	171d
DP-I69-TLS-1240	PUP Works - Zone 1G - Small Protection Slab - 900 cover (TE-100-056 / 193)	5d	05-Jun-23	13-Jun-23	171d
Street Lighting Relocations		2d	23-Jun-23	27-Jun-23	190d
DP-I69-Stl-1000	Lighting Works - Zone i69 - Install Temporary Street Lighting	1d	23-Jun-23	26-Jun-23	190d
DP-I69-Stl-1020	Lighting Works - Zone i69 - Removal of Existing Lighting	1d	26-Jun-23	27-Jun-23	190d
Civil Works - Kerb and Shoulder Lanes		13d	07-Dec-22	09-Jan-23	299d
DP-I69-CW-1520	Civil Works - Zone i69 - Shift Traffic to Median Lanes	1d	07-Dec-22	08-Dec-22	302d
DP-I69-CW-1720	Civil Works - Zone i69 - Remove existing asphalt and subbase	1d	08-Dec-22	09-Dec-22	264d
DP-I69-CW-1480	Civil Works - Zone i69 - Replace kerb and channel at PUP crossings	0d	09-Dec-22	09-Dec-22	264d
DP-I69-CW-2120	Civil Works - Zone i69 - Prepare subgrade	1d	09-Dec-22	10-Dec-22	264d
DP-I69-CW-1620	Civil Works - Zone i69 - Place subbase and base course	1d	10-Dec-22	12-Dec-22	264d
DP-I69-CW-1420	Civil Works - Zone i69 - Place asphalt (Incl Primer Seal)	4d	12-Dec-22	04-Jan-23	264d
DP-I69-CW-1500	Civil Works - Zone i69 - Shift Traffic to Kerb and Shoulder Lanes	1d	09-Jan-23	09-Jan-23	299d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Civil Works - Stormwater Drainage		3d	10-Jan-23	17-Jan-23	261d
Undertrack		3d	10-Jan-23	17-Jan-23	261d
DP-I69-DR-1040	Drainage Works - Zone i69 - Wave St - DN 525 Stormwater Excav/Lay/Bfill (Southbound)(Night)	3d	10-Jan-23	17-Jan-23	261d
Civil Works - Rail Corridor		110d	09-Jan-23	11-Jul-23	163d
DP-I69-CW-1000	Civil Works - Zone i69 - Shift Traffic to Kerb and Shoulder Lanes	0d		09-Jan-23	261d
DP-I69-CW-1040	Civil Works - Zone i69 - Demo/Clear/Grub	1d	27-Jun-23	28-Jun-23	163d
DP-I69-CW-2100	Civil Works - Zone i69 - Profile central median and asphalt	1d	28-Jun-23	29-Jun-23	163d
DP-I69-CW-1100	Civil Works - Zone i69 - Bulk and Detail excavation	2d	29-Jun-23	04-Jul-23	163d
DP-I69-CW-1120	Civil Works - Zone i69 - Flooding and compact subgrade	1d	04-Jul-23	05-Jul-23	163d
DP-I69-CW-1140	Civil Works - Zone i69 - Install CSR conduits and Pits	1d	05-Jul-23	06-Jul-23	164d
DP-I69-CW-1160	Civil Works - Zone i69 - Place and Compact Type 2.1 Road base	1d	07-Jul-23	08-Jul-23	163d
DP-I69-CW-1360	Civil Works - Zone i69 - Final trim and survey	1d	08-Jul-23	10-Jul-23	163d
DP-I69-CW-1180	Civil Works - Zone i69 - Spray bitumen chip seal	1d	10-Jul-23	11-Jul-23	163d
Civil Works - Track		4d	13-Jul-23	18-Jul-23	163d
DP-I69-TW-1000	Track Works - Zone i69 - Install/weld rail, Rail Systems Loop and form/reo	1d	13-Jul-23	14-Jul-23	163d
DP-I69-TW-1020	Track Works - Zone i69 - Install OLE foundations	1d	13-Jul-23	14-Jul-23	163d
DP-I69-TW-1040	Track Works - Zone i69 - Perform electrical continunity testing/hold points	1d	14-Jul-23	15-Jul-23	163d
DP-I69-TW-1080	Track Works - Zone i69 - Pour concrete, strip formwork and install lids	2d	15-Jul-23	18-Jul-23	163d
Civil Works - Reinstate Track Verge		1d	18-Jul-23	19-Jul-23	163d
DP-I69-CW-1200	Civil Works - Zone i69 - Place and Compact Type 2.1 Road base	1d	18-Jul-23	19-Jul-23	163d
Civil Works - Central Lanes		8d	19-Jul-23	31-Jul-23	192d
DP-I69-CW-1820	Civil Works - Zone i69 - Remove existing asphalt and subbase	1d	19-Jul-23	20-Jul-23	163d
DP-I69-CW-1840	Civil Works - Zone i69 - Prepare Subgrade	1d	20-Jul-23	21-Jul-23	163d
DP-I69-CW-1880	Civil Works - Zone i69 - Place subbase and base course	1d	21-Jul-23	24-Jul-23	163d
DP-I69-CW-1760	Civil Works - Zone i69 - Place asphalt (Incl Primer Seal)	4d	24-Jul-23	28-Jul-23	163d
DP-I69-CW-1780	Civil Works - Zone i69 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	28-Jul-23	31-Jul-23	192d
Civil Works - System Fitout		1d	25-Sep-23	26-Sep-23	189d
DP-I69-CW-1660	Civil Works - Zone i69 - Erect Overhead Wire Poles with Lighting	1d	25-Sep-23	26-Sep-23	189d
Civil Works - Finishing		153d	31-Jul-23	30-Apr-24	185d
DP-I69-CW-5020	Civil Works - Zone i69 - Finishing - Final Asphalt Wearing Course	1d	31-Jul-23	01-Aug-23	336d
DP-I69-CW-5040	Civil Works - Zone i69 - Finishing - Pavement Marking	2d	26-Apr-24	30-Apr-24	185d
Traffic Control Systems (TCS)		24d	05-Jul-23	07-Aug-23	255d
DP-I69-TCS-1000	Signal Works - Zone i69 - Install Pits and Conduits	2d	05-Jul-23	07-Jul-23	163d
DP-I69-TCS-1040	Signal Works - Zone i69 - Footings - Excav/Reo/Pour/Cure	4d	21-Jul-23	27-Jul-23	195d
DP-I69-TCS-1060	Signal Works - Zone i69 - Install Poles, Cables and Lanterns	3d	27-Jul-23	31-Jul-23	255d
DP-I69-TCS-1080	Signal Works - Zone i69 - Install Traffic Detector Loops and Cables (Nights)	3d	31-Jul-23	03-Aug-23	255d
DP-I69-TCS-1100	Signal Works - Zone i69 - Install TCS Cabinets	1d	03-Aug-23	04-Aug-23	255d
DP-I69-TCS-1120	Signal Works - Zone i69 - Install LRV Personality	1d	04-Aug-23	07-Aug-23	255d
Traction Power & Overhead Line		149d	26-Sep-23	20-Jun-24	92d
CSR Cabling		149d	26-Sep-23	20-Jun-24	92d
Structure-to-Track		1d	26-Sep-23	27-Sep-23	203d
DP-I69-BC-1280	Traction Power - Zone i69 - Bond and Test Structure to Rail	1d	26-Sep-23	27-Sep-23	203d
Track-to-Track		1d	26-Sep-23	27-Sep-23	203d
DP-I69-BC-1000	Traction Power - Zone i69 - Connect Bond to Studs	1d	26-Sep-23	27-Sep-23	203d
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	137d
DP-I69-HC-1020	Traction Power - Zone i69 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	101d
DP-I69-HC-1040	Traction Power - Zone i69 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	153d
DP-I69-ST-1020	Traction Power - Zone i69 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	101d
DP-I69-ST-1040	Traction Power - Zone i69 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	137d
Pit-to-OLE		15d	27-May-24	20-Jun-24	92d
DP-I69-HC-1080	Traction Power - Zone i69 - WR8/9 - Pull Helper Cables & Bonding from Pit to OHL	10d	27-May-24	14-Jun-24	92d
DP-I69-HC-1100	Traction Power - Zone i69 - WR8/9 - Helper Cable & Bonding - Test & Terminate	5d	14-Jun-24	20-Jun-24	92d
Overhead Line		19d	15-Apr-24	17-May-24	82d
DP-I69-OH-1020	Traction Power - Zone i69 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	90d
DP-I69-OH-1040	Traction Power - Zone i69 - Overhead Wiring - Wire Run 8/9 & QA	4d	09-May-24	17-May-24	82d
Zone 1H (Ch 35,905 - 36,140) - 235m		427d	15-Sep-22	20-Jun-24	220d
Public Utilities Plant Works		196d	15-Sep-22	10-Jul-23	99d
DP-1H-MS-1000	PUP Works - Zone 1H - Conduits and Pipes Complete - Civil work to Commence	0d		10-Jul-23	99d
CoGC - Sewer		2d	15-Sep-22	17-Sep-22	104d
DP-1H-SW-1060	PUP Works - Zone 1H - Goldcoast Hwy Crossing from Dolphin Ave - Sewer Pipe Reline (SE-100-066)	2d	15-Sep-22	17-Sep-22	104d
Telstra		10d	23-Jun-23	08-Jul-23	88d
Trench (D&C Contractor)		10d	23-Jun-23	08-Jul-23	88d
DP-1H-TLS-1000	PUP Works - Zone 1H - Major Protection Slab (TE-100-053 / 204 / TE-200-062 / 064)	10d	23-Jun-23	08-Jul-23	88d
Street Lighting Relocations		3d	10-Jul-23	12-Jul-23	148d
DP-1H-Stl-1000	Lighting Works - Zone 1H - Install Temporary Street Lighting	1d	10-Jul-23	10-Jul-23	148d
DP-1H-Stl-1020	Lighting Works - Zone 1H - Removal of Existing Lighting	2d	11-Jul-23	12-Jul-23	148d
Civil Works - Kerb and Shoulder Lanes		30d	17-Oct-23	28-Nov-23	28d

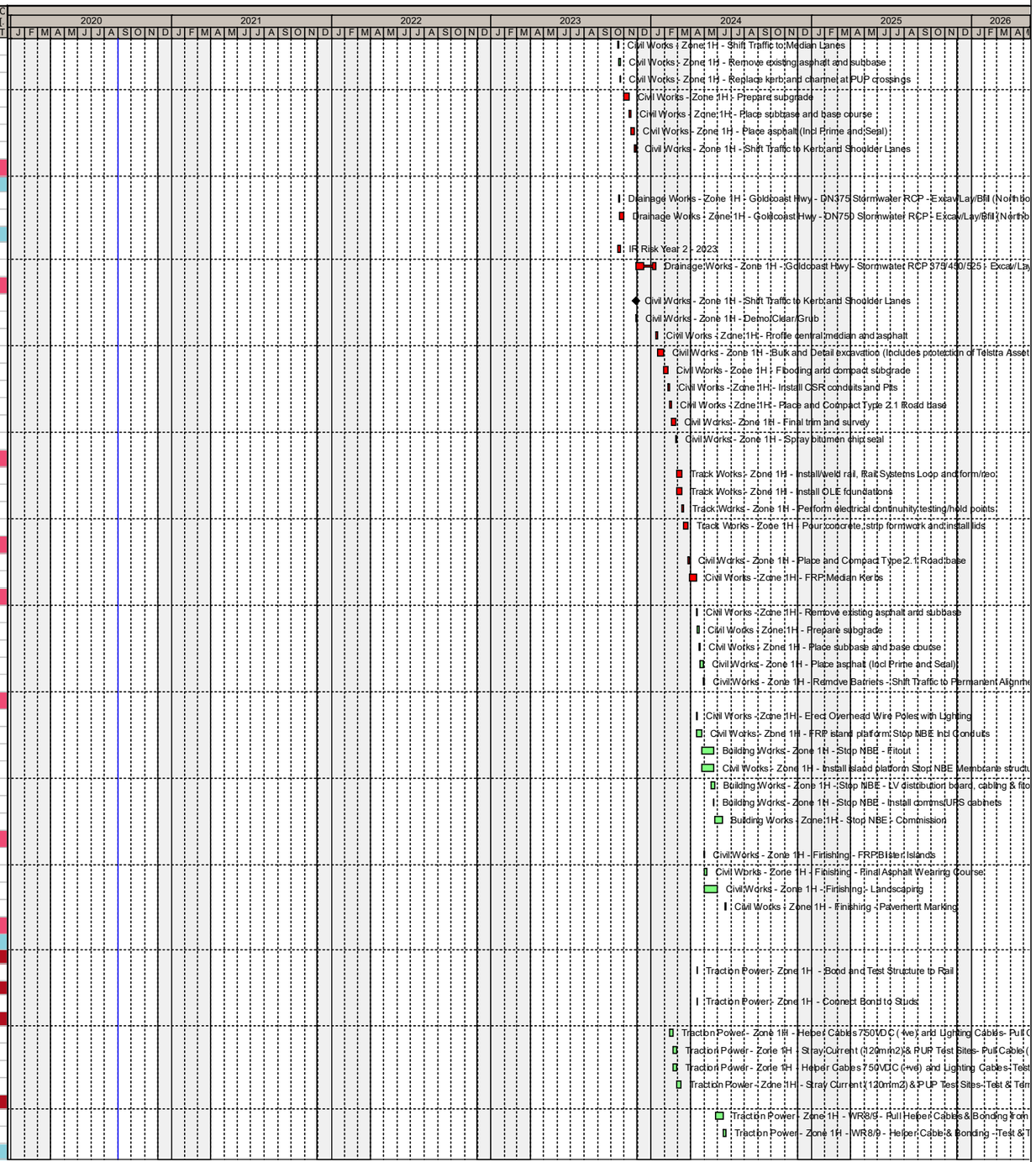


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1H-CW-1520	Civil Works - Zone 1H - Shift Traffic to Median Lanes	2d	17-Oct-23	19-Oct-23	29d
DP-1H-CW-1720	Civil Works - Zone 1H - Remove existing asphalt and subbase	3d	19-Oct-23	23-Oct-23	28d
DP-1H-CW-1480	Civil Works - Zone 1H - Replace kerb and channel at PUP crossings	0d	23-Oct-23	23-Oct-23	28d
DP-1H-CW-2120	Civil Works - Zone 1H - Prepare subgrade	6d	30-Oct-23	11-Nov-23	24d
DP-1H-CW-1620	Civil Works - Zone 1H - Place subbase and base course	3d	11-Nov-23	16-Nov-23	24d
DP-1H-CW-1420	Civil Works - Zone 1H - Place asphalt (Incl Prime and Seal)	6d	16-Nov-23	24-Nov-23	24d
DP-1H-CW-1500	Civil Works - Zone 1H - Shift Traffic to Kerb and Shoulder Lanes	2d	24-Nov-23	28-Nov-23	28d
Civil Works - Stormwater Drainage		45d	17-Oct-23	12-Jan-24	25d
Northbound		7d	19-Oct-23	30-Oct-23	24d
DP-1H-DR-1000	Drainage Works - Zone 1H - Goldcoast Hwy - DN375 Stormwater RCP - Excav/Lay/Bfill (Northbound)	1d	19-Oct-23	20-Oct-23	24d
DP-1H-DR-1080	Drainage Works - Zone 1H - Goldcoast Hwy - DN750 Stormwater RCP - Excav/Lay/Bfill (Northbound)	6d	20-Oct-23	30-Oct-23	24d
Undertrack		45d	17-Oct-23	12-Jan-24	25d
DP-1H-DR-1090	IR Risk Year 2 - 2023	5d	17-Oct-23	23-Oct-23	2d
DP-1H-DR-1040	Drainage Works - Zone 1H - Goldcoast Hwy - Stormwater RCP 375/450/525 - Excav/Lay/Bfill (Undertracking)	20d	28-Nov-23	12-Jan-24	25d
Civil Works - Rail Corridor		47d	28-Nov-23	27-Feb-24	25d
DP-1H-CW-1000	Civil Works - Zone 1H - Shift Traffic to Kerb and Shoulder Lanes	0d		28-Nov-23	25d
DP-1H-CW-1040	Civil Works - Zone 1H - Demo/Clear/Grub	1d	28-Nov-23	29-Nov-23	44d
DP-1H-CW-2100	Civil Works - Zone 1H - Profile central median and asphalt	2d	12-Jan-24	15-Jan-24	25d
DP-1H-CW-1100	Civil Works - Zone 1H - Bulk and Detail excavation (Includes protection of Telstra Asset TE-100-053)	7d	15-Jan-24	30-Jan-24	25d
DP-1H-CW-1120	Civil Works - Zone 1H - Flooding and compact subgrade	5d	30-Jan-24	08-Feb-24	25d
DP-1H-CW-1140	Civil Works - Zone 1H - Install CSR conduits and Pits	3d	08-Feb-24	12-Feb-24	25d
DP-1H-CW-1160	Civil Works - Zone 1H - Place and Compact Type 2.1 Road base	4d	12-Feb-24	16-Feb-24	25d
DP-1H-CW-1360	Civil Works - Zone 1H - Final trim and survey	5d	16-Feb-24	26-Feb-24	25d
DP-1H-CW-1180	Civil Works - Zone 1H - Spray bitumen chip seal	1d	26-Feb-24	27-Feb-24	25d
Civil Works - Track		16d	29-Feb-24	25-Mar-24	25d
DP-1H-TW-1000	Track Works - Zone 1H - Install/weld rail, Rail Systems Loop and form/reo	7d	29-Feb-24	11-Mar-24	25d
DP-1H-TW-1020	Track Works - Zone 1H - Install OLE foundations	7d	29-Feb-24	11-Mar-24	25d
DP-1H-TW-1040	Track Works - Zone 1H - Perform electrical continunity testing/hold points	3d	11-Mar-24	14-Mar-24	25d
DP-1H-TW-1080	Track Works - Zone 1H - Pour concrete, strip formwork and install lids	6d	14-Mar-24	25-Mar-24	25d
Civil Works - Reinstate Track Verge		6d	25-Mar-24	13-Apr-24	25d
DP-1H-CW-1200	Civil Works - Zone 1H - Place and Compact Type 2.1 Road base	2d	25-Mar-24	28-Mar-24	25d
DP-1H-CW-1700	Civil Works - Zone 1H - FRP Median Kerbs	4d	28-Mar-24	13-Apr-24	25d
Civil Works - Central Lanes		13d	13-Apr-24	02-May-24	227d
DP-1H-CW-1820	Civil Works - Zone 1H - Remove existing asphalt and subbase	2d	13-Apr-24	16-Apr-24	202d
DP-1H-CW-1840	Civil Works - Zone 1H - Prepare subgrade	3d	16-Apr-24	20-Apr-24	202d
DP-1H-CW-1880	Civil Works - Zone 1H - Place subbase and base course	1d	20-Apr-24	22-Apr-24	202d
DP-1H-CW-1760	Civil Works - Zone 1H - Place asphalt (Incl Prime and Seal)	5d	22-Apr-24	30-Apr-24	202d
DP-1H-CW-1780	Civil Works - Zone 1H - Remove Barriers - Shift Traffic to Permanent Alignment	2d	30-Apr-24	02-May-24	227d
Civil Works - System Fitout		39d	13-Apr-24	11-Jun-24	90d
DP-1H-CW-1660	Civil Works - Zone 1H - Erect Overhead Wire Poles with Lighting	1d	13-Apr-24	15-Apr-24	82d
DP-1H-CW-1680	Civil Works - Zone 1H - FRP island platform Stop NBE Incl Conduits	9d	13-Apr-24	26-Apr-24	25d
DP-1H-BW-1040	Building Works - Zone 1H - Stop NBE - Fitout	15d	26-Apr-24	22-May-24	86d
DP-1H-CW-1900	Civil Works - Zone 1H - Install island platform Stop NBE Membrane structure Incl Membrane	15d	26-Apr-24	22-May-24	25d
DP-1H-BW-1080	Building Works - Zone 1H - Stop NBE - LV distribution board, cabling & fitout	5d	18-May-24	24-May-24	25d
DP-1H-BW-1060	Building Works - Zone 1H - Stop NBE - Install comms/UPS cabinets	1d	22-May-24	23-May-24	85d
DP-1H-BW-1100	Building Works - Zone 1H - Stop NBE - Commission	10d	24-May-24	11-Jun-24	84d
Civil Works - Finishing		30d	02-May-24	20-Jun-24	190d
DP-1H-CW-5000	Civil Works - Zone 1H - Finishing - FRP Blister Islands	0d	02-May-24	02-May-24	202d
DP-1H-CW-5020	Civil Works - Zone 1H - Finishing - Final Asphalt Wearing Course	2d	02-May-24	07-May-24	202d
DP-1H-CW-5060	Civil Works - Zone 1H - Finishing - Landscaping	17d	02-May-24	30-May-24	203d
DP-1H-CW-5040	Civil Works - Zone 1H - Finishing - Pavement Marking	2d	18-Jun-24	20-Jun-24	176d
Traction Power & Overhead Line		75d	12-Feb-24	20-Jun-24	92d
CSR Cabling		75d	12-Feb-24	20-Jun-24	92d
Structure-to-Track		1d	15-Apr-24	16-Apr-24	96d
DP-1H-BC-1300	Traction Power - Zone 1H - Bond and Test Structure to Rail	1d	15-Apr-24	16-Apr-24	96d
Track-to-Track		1d	15-Apr-24	16-Apr-24	96d
DP-1H-BC-1020	Traction Power - Zone 1H - Connect Bond to Studs	1d	15-Apr-24	16-Apr-24	96d
Pit-to-Pit		15d	12-Feb-24	08-Mar-24	152d
DP-1H-HC-1020	Traction Power - Zone 1H - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	5d	12-Feb-24	20-Feb-24	152d
DP-1H-ST-1000	Traction Power - Zone 1H - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	5d	20-Feb-24	27-Feb-24	152d
DP-1H-HC-1130	Traction Power - Zone 1H - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	5d	20-Feb-24	27-Feb-24	157d
DP-1H-ST-1020	Traction Power - Zone 1H - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	5d	29-Feb-24	08-Mar-24	152d
Pit-to-OLE		15d	27-May-24	20-Jun-24	92d
DP-1H-HC-1080	Traction Power - Zone 1H - WR8/9 - Pull Helper Cables & Bonding from Pit to OHL	10d	27-May-24	14-Jun-24	92d
DP-1H-HC-1100	Traction Power - Zone 1H - WR8/9 - Helper Cable & Bonding - Test & Terminate	5d	14-Jun-24	20-Jun-24	92d
Overhead Line		19d	15-Apr-24	17-May-24	82d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
DP-1H-OH-1020	Traction Power - Zone 1H - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	90d	
DP-1H-OH-1040	Traction Power - Zone 1H - Overhead Wiring - Wire Run 8/9 & QA	4d	09-May-24	17-May-24	82d	
Zone i70 Intersection - Med Term Closure - Chairlift Ave & Albicore St (Ch 36,140 - 36,190) - 50m		427d	17-Sep-22	22-Jun-24	198d	
Public Utilities Plant Works		231d	17-Sep-22	30-Aug-23	236d	
DP-I70-MS-1000	PUP Works - Zone i70 - Conduits and Pipes Complete - Civil work to Commence	0d		30-Aug-23	171d	
CoGC - Water		9d	08-Oct-22	21-Oct-22	324d	
DP-i70-WT-1000	PUP Works - Zone i70 - (WA-200-083)	9d	08-Oct-22	21-Oct-22	324d	
CoGC - Sewer		94d	17-Sep-22	06-Mar-23	153d	
DP-i70-SW-1080	PUP Works - Zone i70 - Southbound Goldcoast Hwy at Chairlift Ave - Sewer Pipe Reline (SE-100-069)	2d	17-Sep-22	20-Sep-22	102d	
DP-i70-SW-1120	PUP Works - Zone i70 - Chairlift Ave - Sewer Pipe Reline (SE-100-072)	2d	17-Sep-22	20-Sep-22	104d	
DP-i70-SW-1100	PUP Works - Zone i70 - Dolphin Ave - Sewer Rising Main (SE-100-071) (Civil)	3d	27-Feb-23	06-Mar-23	153d	
Energex		98d	07-Mar-23	27-Jul-23	260d	
Pre-Works		1d	26-Apr-23	27-Apr-23	175d	
DP-I70-EG-1310	PUP Works - Zone i70 - Energex to install tigertails	1d	26-Apr-23	27-Apr-23	175d	
Conduits & Pits		35d	07-Mar-23	12-May-23	126d	
DP-I70-EG-1330	PUP Works - Zone i70 - Chairlift Ave - Energex Xing (Drill) (EL-200-075)	16d	07-Mar-23	30-Mar-23	145d	
DP-I70-EG-1020	PUP Works - Zone i70 - Chairlift Ave - Energex Xing (Civil) (EL-200-075) Temporary Protection Slab (EL-200-143)	9d	26-Apr-23	12-May-23	126d	
Energex Works		65d	26-Apr-23	27-Jul-23	260d	
DP-I70-EG-2000	PUP Works - Zone i70 - Chairlift Ave - Notification to Energex	50d	26-Apr-23	06-Jul-23	260d	
DP-I70-EG-2010	PUP Works - Zone i70 - Chairlift Ave - Energex Works & Cutover (EL-200-075)	15d	06-Jul-23	27-Jul-23	260d	
Telstra		22d	27-Jun-23	28-Jul-23	118d	
DP-I70-TLS-1460	PUP Works - Zone i70 Chairlift Ave - Trench Relocate Future Proof (TE-200-058 / 404 / 100-414) protect TE-200-	22d	27-Jun-23	28-Jul-23	118d	
NBN		20d	28-Jul-23	30-Aug-23	118d	
DP-I70-NB-1300	PUP Works - Zone i70 - Chairlift Ave - NBN inside TE-200-058	20d	28-Jul-23	30-Aug-23	118d	
Street Lighting Relocations		2d	30-Aug-23	01-Sep-23	183d	
DP-I70-Stl-1000	Lighting Works - Zone i70 - Install Temporary Street Lighting	1d	30-Aug-23	31-Aug-23	183d	
DP-I70-Stl-1020	Lighting Works - Zone i70 - Removal of Existing Lighting	1d	31-Aug-23	01-Sep-23	183d	
Civil Works - Kerb and Shoulder Lanes		18d	19-Oct-23	13-Nov-23	133d	
DP-I70-CW-1520	Civil Works - Zone i70 - Shift Traffic to Median Lanes	1d	19-Oct-23	20-Oct-23	136d	
DP-I70-CW-1720	Civil Works - Zone i70 - Remove existing asphalt and subbase	1d	20-Oct-23	21-Oct-23	116d	
DP-I70-CW-1480	Civil Works - Zone i70 - Replace kerb and channel at PUP crossings	0d	21-Oct-23	21-Oct-23	116d	
DP-I70-CW-2120	Civil Works - Zone i70 - Prepare subgrade	2d	26-Oct-23	30-Oct-23	113d	
DP-I70-CW-1620	Civil Works - Zone i70 - Place subbase and base course	2d	30-Oct-23	01-Nov-23	113d	
DP-I70-CW-1420	Civil Works - Zone i70 - Place asphalt (Incl Primer Seal)	4d	01-Nov-23	11-Nov-23	113d	
DP-I70-CW-1500	Civil Works - Zone i70 - Shift Traffic to Kerb and Shoulder Lanes	1d	13-Nov-23	13-Nov-23	133d	
Civil Works - Stormwater Drainage		4d	20-Oct-23	26-Oct-23	113d	
Southbound		4d	20-Oct-23	26-Oct-23	113d	
DP-I70-DR-1000	Drainage Works - Zone i70 - Chairlift & Albicore St - Stormwater - RCP 600 - Excav/Lay/Bfill (Southbound)(Night)	4d	20-Oct-23	26-Oct-23	113d	
Civil Works - Rail Corridor		11d	13-Nov-23	01-Dec-23	112d	
DP-I70-CW-1000	Civil Works - Zone i70 - Shift Traffic to Kerb and Shoulder Lanes	0d		13-Nov-23	112d	
DP-I70-CW-1040	Civil Works - Zone i70 - Demo/Clear/Grub	1d	14-Nov-23	16-Nov-23	112d	
DP-I70-CW-2100	Civil Works - Zone i70 - Profile central median and asphalt	1d	16-Nov-23	17-Nov-23	112d	
DP-I70-CW-1100	Civil Works - Zone i70 - Bulk and Detail excavation	2d	17-Nov-23	20-Nov-23	112d	
DP-I70-CW-1120	Civil Works - Zone i70 - Flooding and compact subgrade	1d	20-Nov-23	21-Nov-23	112d	
DP-I70-CW-1140	Civil Works - Zone i70 - Install CSR conduits and Pits	1d	21-Nov-23	23-Nov-23	114d	
DP-I70-CW-1160	Civil Works - Zone i70 - Place and Compact Type 2.1 Road base	1d	28-Nov-23	29-Nov-23	112d	
DP-I70-CW-1360	Civil Works - Zone i70 - Final trim and survey	1d	29-Nov-23	30-Nov-23	112d	
DP-I70-CW-1180	Civil Works - Zone i70 - Spray bitumen chip seal	1d	30-Nov-23	01-Dec-23	112d	
Civil Works - Track		4d	01-Dec-23	07-Dec-23	112d	
DP-I70-TW-1000	Track Works - Zone i70 - Install/weld rail, Rail Systems Loop and form/reo	2d	01-Dec-23	04-Dec-23	112d	
DP-I70-TW-1020	Track Works - Zone i70 - Install OLE foundations	2d	01-Dec-23	04-Dec-23	112d	
DP-I70-TW-1040	Track Works - Zone i70 - Perform electrical continuity testing/hold points	1d	04-Dec-23	05-Dec-23	112d	
DP-I70-TW-1060	Track Works - Zone i70 - Pour concrete and complete finishes	1d	05-Dec-23	07-Dec-23	112d	
Civil Works - Reinstate Track Verge		1d	07-Dec-23	08-Dec-23	112d	
DP-I70-CW-1200	Civil Works - Zone i70 - Place and Compact Type 2.1 Road base	1d	07-Dec-23	08-Dec-23	112d	
Civil Works - Central Lanes		11d	08-Dec-23	08-Jan-24	309d	
DP-I70-CW-1820	Civil Works - Zone i70 - Remove existing asphalt and subbase	1d	08-Dec-23	09-Dec-23	112d	
DP-I70-CW-1840	Civil Works - Zone i70 - Prepare Subgrade	1d	09-Dec-23	11-Dec-23	112d	
DP-I70-CW-1880	Civil Works - Zone i70 - Place subbase and base course	1d	11-Dec-23	12-Dec-23	164d	
DP-I70-CW-1760	Civil Works - Zone i70 - Place asphalt (Incl Primer Seal)	4d	14-Dec-23	05-Jan-24	164d	
DP-I70-CW-1780	Civil Works - Zone i70 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	08-Jan-24	08-Jan-24	309d	
Civil Works - System Fitout		1d	08-Dec-23	09-Dec-23	143d	
DP-I70-CW-1660	Civil Works - Zone i70 - Erect Overhead Wire Poles with Lighting	1d	08-Dec-23	09-Dec-23	143d	
Civil Works - Finishing		97d	09-Jan-24	22-Jun-24	176d	
DP-I70-CW-5020	Civil Works - Zone i70 - Finishing - Final Asphalt Wearing Course	1d	09-Jan-24	10-Jan-24	270d	
DP-I70-CW-5040	Civil Works - Zone i70 - Finishing - Pavement Marking	2d	20-Jun-24	22-Jun-24	176d	



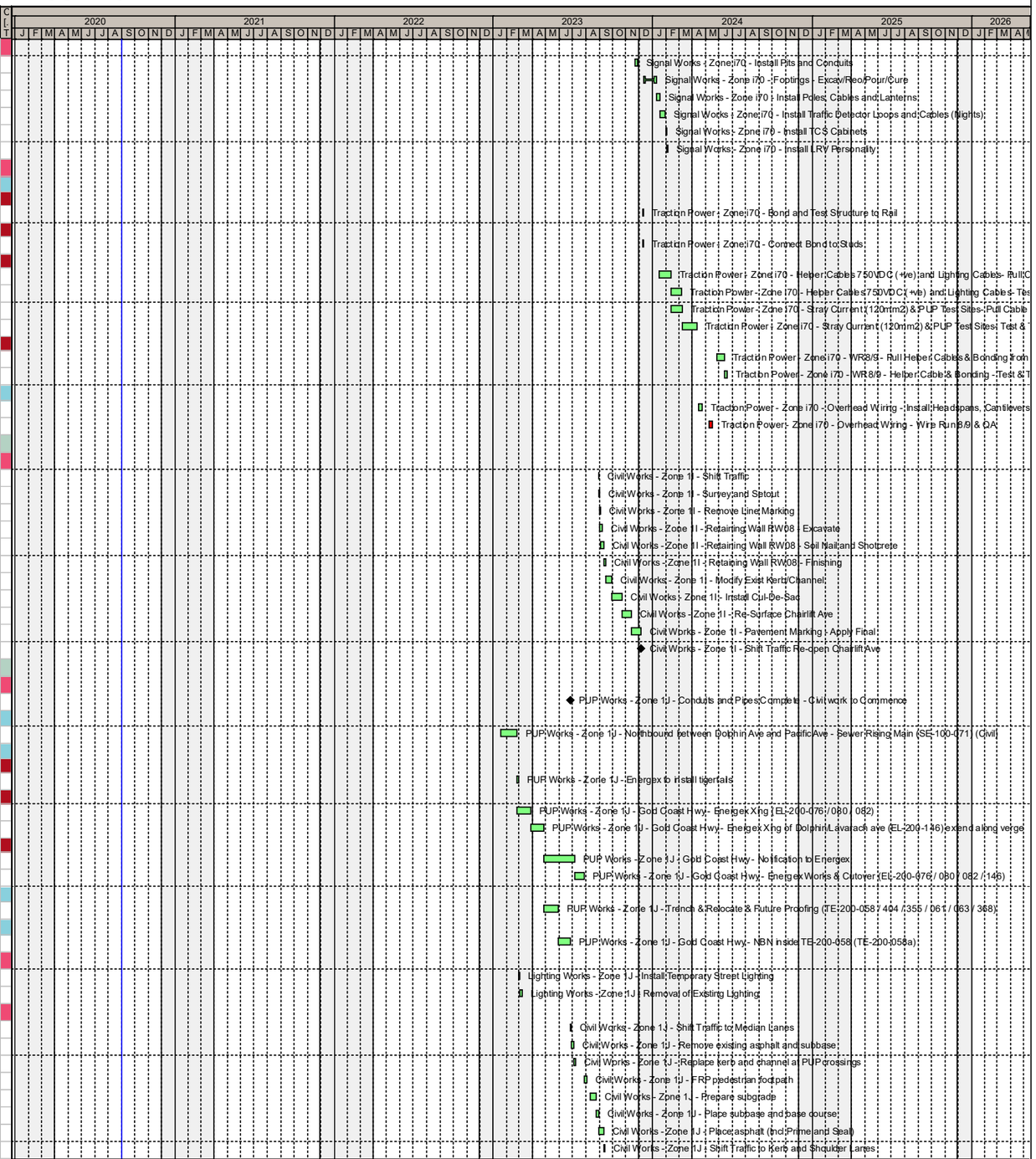
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
Traffic Control Systems (TCS)		35d	21-Nov-23	05-Feb-24	155d	
DP-I70-TCS-1000	Signal Works - Zone i70 - Install Pits and Conduits	3d	21-Nov-23	28-Nov-23	112d	
DP-I70-TCS-1040	Signal Works - Zone i70 - Footings - Excav/Reo/Pour/Cure	8d	11-Dec-23	10-Jan-24	112d	
DP-I70-TCS-1060	Signal Works - Zone i70 - Install Poles, Cables and Lanterns	6d	10-Jan-24	18-Jan-24	155d	
DP-I70-TCS-1080	Signal Works - Zone i70 - Install Traffic Detector Loops and Cables (Nights)	6d	18-Jan-24	30-Jan-24	155d	
DP-I70-TCS-1100	Signal Works - Zone i70 - Install TCS Cabinets	1d	01-Feb-24	02-Feb-24	155d	
DP-I70-TCS-1120	Signal Works - Zone i70 - Install LRV Personality	1d	02-Feb-24	05-Feb-24	155d	
Traction Power & Overhead Line		103d	09-Dec-23	20-Jun-24	92d	
CSR Cabling		103d	09-Dec-23	20-Jun-24	92d	
Structure-to-Track		1d	09-Dec-23	11-Dec-23	157d	
DP-I70-BC-1320	Traction Power - Zone i70 - Bond and Test Structure to Rail	1d	09-Dec-23	11-Dec-23	157d	
Track-to-Track		1d	09-Dec-23	11-Dec-23	157d	
DP-I70-BC-1000	Traction Power - Zone i70 - Connect Bond to Studs	1d	09-Dec-23	11-Dec-23	157d	
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	137d	
DP-I70-HC-1020	Traction Power - Zone i70 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	137d	
DP-I70-HC-1040	Traction Power - Zone i70 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	153d	
DP-I70-ST-1040	Traction Power - Zone i70 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	137d	
DP-I70-ST-1060	Traction Power - Zone i70 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	137d	
Pit-to-OLE		15d	27-May-24	20-Jun-24	92d	
DP-I70-HC-1130	Traction Power - Zone i70 - WR8/9 - Pull Helper Cables & Bonding from Pit to OHL	10d	27-May-24	14-Jun-24	88d	
DP-I70-HC-1150	Traction Power - Zone i70 - WR8/9 - Helper Cable & Bonding - Test & Terminate	5d	14-Jun-24	20-Jun-24	92d	
Overhead Line		19d	15-Apr-24	17-May-24	82d	
DP-I70-OH-1020	Traction Power - Zone i70 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	90d	
DP-I70-OH-1040	Traction Power - Zone i70 - Overhead Wiring - Wire Run 8/9 & QA	4d	09-May-24	17-May-24	82d	
Zone 1I - Chairlift Ave (East) (Ch 36,140 - 36,190) - 20m		67d	30-Aug-23	04-Dec-23	289d	
Civil Works		67d	30-Aug-23	04-Dec-23	289d	
DP-1I-TM-1080	Civil Works - Zone 1I - Shift Traffic	1d	30-Aug-23	31-Aug-23	254d	
DP-1I-CW-1020	Civil Works - Zone 1I - Survey and Setout	1d	31-Aug-23	01-Sep-23	289d	
DP-1I-CW-1040	Civil Works - Zone 1I - Remove Line Marking	1d	01-Sep-23	04-Sep-23	298d	
DP-1I-CW-1140	Civil Works - Zone 1I - Retaining Wall RW08 - Excavate	5d	01-Sep-23	08-Sep-23	289d	
DP-1I-CW-1160	Civil Works - Zone 1I - Retaining Wall RW08 - Soil Nail and Shotcrete	5d	04-Sep-23	11-Sep-23	289d	
DP-1I-CW-1180	Civil Works - Zone 1I - Retaining Wall RW08 - Finishing	4d	11-Sep-23	15-Sep-23	289d	
DP-1I-CW-1060	Civil Works - Zone 1I - Modify Exist Kerb/Channel	10d	15-Sep-23	29-Sep-23	289d	
DP-1I-CW-1080	Civil Works - Zone 1I - Install Cul-De-Sac	15d	29-Sep-23	23-Oct-23	289d	
DP-1I-CW-1100	Civil Works - Zone 1I - Re-Surface Chairlift Ave	15d	23-Oct-23	13-Nov-23	289d	
DP-1I-CW-1120	Civil Works - Zone 1I - Pavement Marking - Apply Final	15d	13-Nov-23	04-Dec-23	289d	
DP-1I-TM-1120	Civil Works - Zone 1I - Shift Traffic Re-open Chairlift Ave	0d		04-Dec-23	289d	
Zone 1J (Ch 36,190 - 36,546) - 356m		350d	17-Jan-23	20-Jun-24	220d	
Public Utilities Plant Works		132d	17-Jan-23	27-Jul-23	259d	
DP-1J-MS-1000	PUP Works - Zone 1J - Conduits and Pipes Complete - Civil work to Commence	0d		27-Jun-23	84d	
CoGC - Sewer		24d	17-Jan-23	23-Feb-23	79d	
DP-1J-SW-1140	PUP Works - Zone 1J - Northbound between Dolphin Ave and Pacific Ave - Sewer Rising Main (SE-100-071) (Civil	24d	17-Jan-23	23-Feb-23	79d	
Energex		105d	24-Feb-23	27-Jul-23	259d	
Pre-Works		1d	24-Feb-23	27-Feb-23	117d	
DP-1J-EG-1330	PUP Works - Zone 1J - Energex to install tigertails	1d	24-Feb-23	27-Feb-23	117d	
Conduits & Pits		32d	24-Feb-23	26-Apr-23	78d	
DP-1J-EG-1000	PUP Works - Zone 1J - Gold Coast Hwy - Energex Xing (EL-200-076 / 080 / 082)	21d	24-Feb-23	28-Mar-23	78d	
DP-1J-EG-1350	PUP Works - Zone 1J - Gold Coast Hwy - Energex Xing of Dolphin/Lavarach ave (EL-200-146) extend along verge	11d	28-Mar-23	26-Apr-23	78d	
Energex Works		65d	26-Apr-23	27-Jul-23	259d	
DP-1J-EG-2000	PUP Works - Zone 1J - Gold Coast Hwy - Notification to Energex	50d	26-Apr-23	06-Jul-23	259d	
DP-1J-EG-2010	PUP Works - Zone 1J - Gold Coast Hwy - Energex Works & Cutover (EL-200-076 / 080 / 082 / 146)	15d	06-Jul-23	27-Jul-23	259d	
Telstra		20d	26-Apr-23	29-May-23	78d	
DP-1J-TLS-1470	PUP Works - Zone 1J - Trench & Relocate & Future Proofing (TE-200-058 / 404 / 355 / 061 / 063 / 368)	20d	26-Apr-23	29-May-23	78d	
NBN		20d	29-May-23	27-Jun-23	78d	
DP-1J-NB-1320	PUP Works - Zone 1J - Gold Coast Hwy - NBN inside TE-200-058 (TE-200-058a)	20d	29-May-23	27-Jun-23	78d	
Street Lighting Relocations		6d	27-Feb-23	07-Mar-23	117d	
DP-1J-Stl-1000	Lighting Works - Zone 1J - Install Temporary Street Lighting	2d	27-Feb-23	01-Mar-23	117d	
DP-1J-Stl-1020	Lighting Works - Zone 1J - Removal of Existing Lighting	4d	01-Mar-23	07-Mar-23	117d	
Civil Works - Kerb and Shoulder Lanes		56d	27-Jun-23	14-Sep-23	91d	
DP-1J-CW-1520	Civil Works - Zone 1J - Shift Traffic to Median Lanes	2d	27-Jun-23	29-Jun-23	84d	
DP-1J-CW-1720	Civil Works - Zone 1J - Remove existing asphalt and subbase	3d	29-Jun-23	05-Jul-23	102d	
DP-1J-CW-1480	Civil Works - Zone 1J - Replace kerb and channel at PUP crossings	3d	05-Jul-23	08-Jul-23	102d	
DP-1J-CW-1740	Civil Works - Zone 1J - FRP pedestrian footpath	5d	28-Jul-23	03-Aug-23	101d	
DP-1J-CW-2120	Civil Works - Zone 1J - Prepare subgrade	7d	11-Aug-23	24-Aug-23	78d	
DP-1J-CW-1620	Civil Works - Zone 1J - Place subbase and base course	3d	24-Aug-23	30-Aug-23	78d	
DP-1J-CW-1420	Civil Works - Zone 1J - Place asphalt (Incl Prime and Seal)	8d	30-Aug-23	12-Sep-23	78d	
DP-1J-CW-1500	Civil Works - Zone 1J - Shift Traffic to Kerb and Shoulder Lanes	2d	12-Sep-23	14-Sep-23	91d	



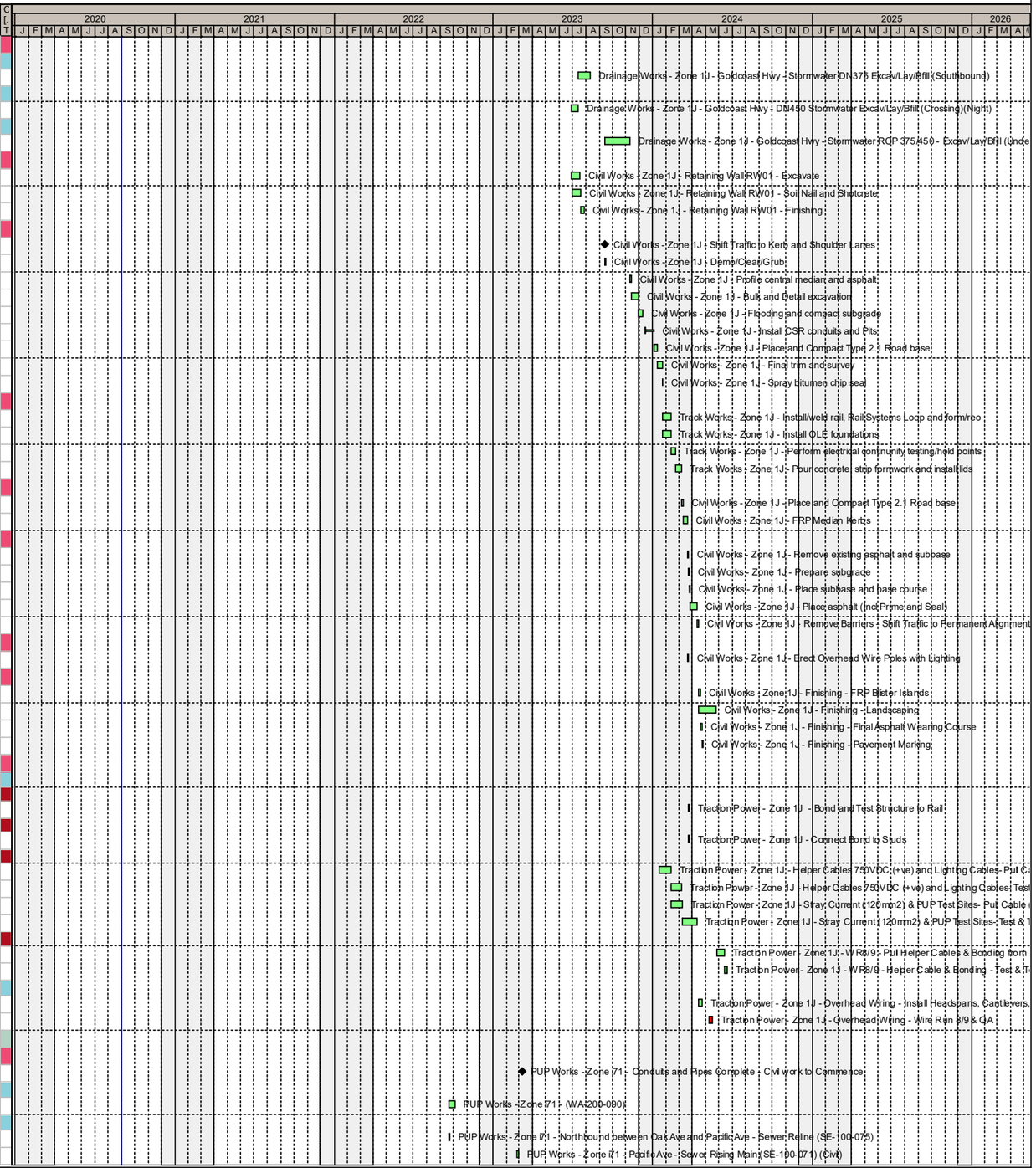
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

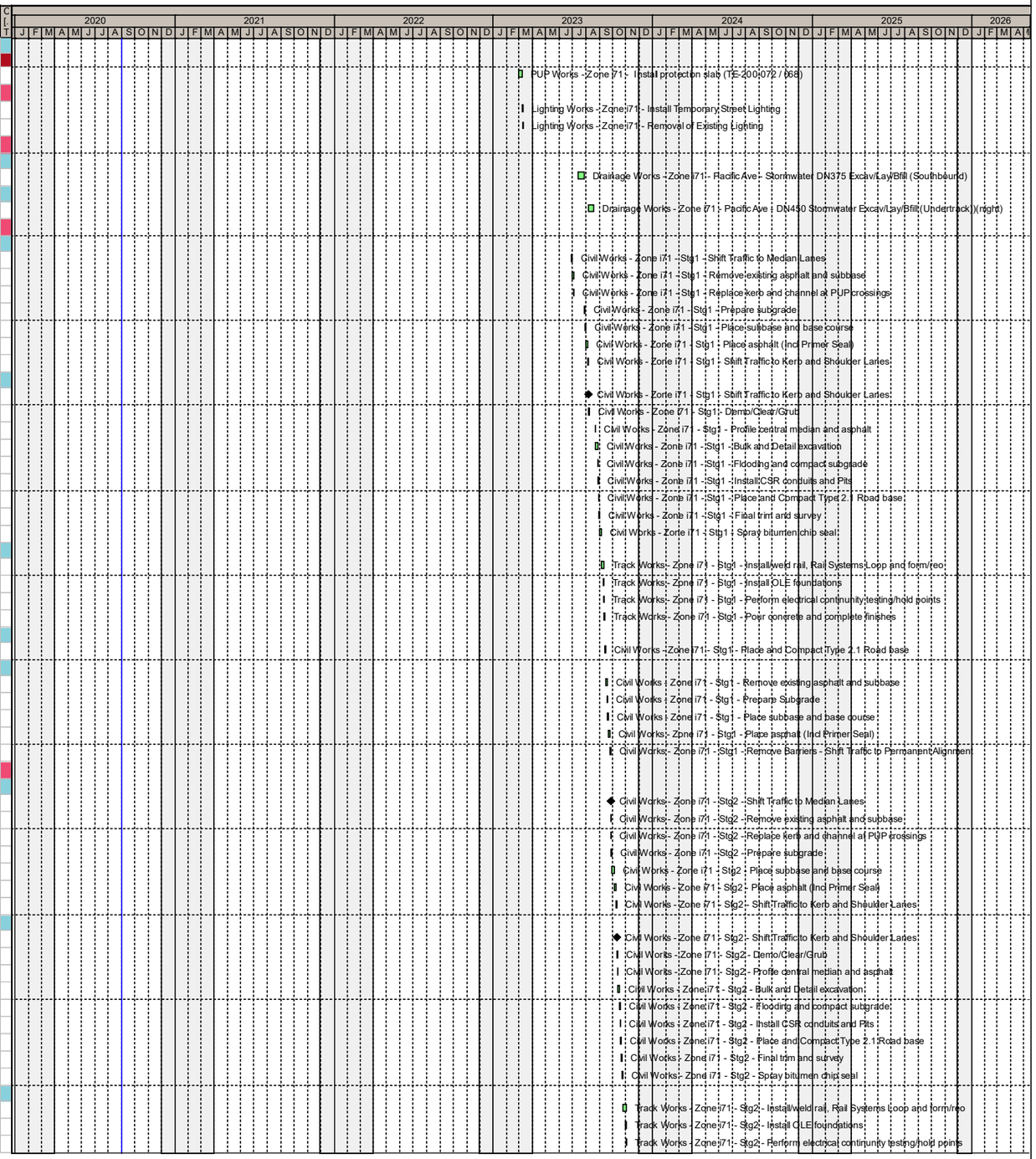
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Civil Works - Stormwater Drainage		84d	29-Jun-23	09-Nov-23	79d
Southbound		21d	14-Jul-23	11-Aug-23	78d
DP-1J-DR-1000	Drainage Works - Zone 1J - Goldcoast Hwy - Stormwater DN375 Excav/Lay/Bfill (Southbound)	21d	14-Jul-23	11-Aug-23	78d
Crossing		9d	29-Jun-23	14-Jul-23	78d
DP-1J-DR-1020	Drainage Works - Zone 1J - Goldcoast Hwy - DN450 Stormwater Excav/Lay/Bfill (Crossing)(Night)	9d	29-Jun-23	14-Jul-23	78d
Undertrack		35d	14-Sep-23	09-Nov-23	79d
DP-1J-DR-1060	Drainage Works - Zone 1J - Goldcoast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (Undertrack)	35d	14-Sep-23	09-Nov-23	79d
Civil Works - Retaining Wall for Shared Path Widening (250 m)		20d	29-Jun-23	28-Jul-23	88d
DP-1J-CW-2260	Civil Works - Zone 1J - Retaining Wall RW01 - Excavate	13d	29-Jun-23	19-Jul-23	88d
DP-1J-CW-2280	Civil Works - Zone 1J - Retaining Wall RW01 - Soil Nail and Shotcrete	13d	30-Jun-23	20-Jul-23	88d
DP-1J-CW-2300	Civil Works - Zone 1J - Retaining Wall RW01 - Finishing	6d	20-Jul-23	28-Jul-23	88d
Civil Works - Rail Corridor		73d	14-Sep-23	24-Jan-24	79d
DP-1J-CW-1000	Civil Works - Zone 1J - Shift Traffic to Kerb and Shoulder Lanes	0d		14-Sep-23	79d
DP-1J-CW-1040	Civil Works - Zone 1J - Demo/Clear/Grub	1d	14-Sep-23	15-Sep-23	113d
DP-1J-CW-2100	Civil Works - Zone 1J - Profile central median and asphalt	3d	09-Nov-23	14-Nov-23	79d
DP-1J-CW-1100	Civil Works - Zone 1J - Bulk and Detail excavation	9d	14-Nov-23	29-Nov-23	79d
DP-1J-CW-1120	Civil Works - Zone 1J - Flooding and compact subgrade	7d	29-Nov-23	08-Dec-23	79d
DP-1J-CW-1140	Civil Works - Zone 1J - Install CSR conduits and Pits	5d	08-Dec-23	03-Jan-24	79d
DP-1J-CW-1160	Civil Works - Zone 1J - Place and Compact Type 2.1 Road base	6d	03-Jan-24	11-Jan-24	79d
DP-1J-CW-1360	Civil Works - Zone 1J - Final trim and survey	7d	11-Jan-24	23-Jan-24	79d
DP-1J-CW-1180	Civil Works - Zone 1J - Spray bitumen chip seal	1d	23-Jan-24	24-Jan-24	79d
Civil Works - Track		24d	24-Jan-24	07-Mar-24	79d
DP-1J-TW-1000	Track Works - Zone 1J - Install/weld rail, Rail Systems Loop and form/reo	11d	24-Jan-24	13-Feb-24	79d
DP-1J-TW-1020	Track Works - Zone 1J - Install OLE foundations	11d	24-Jan-24	13-Feb-24	79d
DP-1J-TW-1040	Track Works - Zone 1J - Perform electrical continunity testing/hold points	5d	13-Feb-24	22-Feb-24	79d
DP-1J-TW-1080	Track Works - Zone 1J - Pour concrete, strip formwork and install lids	8d	22-Feb-24	07-Mar-24	79d
Civil Works - Reinstate Track Verge		9d	07-Mar-24	21-Mar-24	90d
DP-1J-CW-1200	Civil Works - Zone 1J - Place and Compact Type 2.1 Road base	3d	07-Mar-24	11-Mar-24	90d
DP-1J-CW-1700	Civil Works - Zone 1J - FRP Median Kerbs	6d	11-Mar-24	21-Mar-24	90d
Civil Works - Central Lanes		15d	21-Mar-24	16-Apr-24	209d
DP-1J-CW-1820	Civil Works - Zone 1J - Remove existing asphalt and subbase	1d	21-Mar-24	22-Mar-24	187d
DP-1J-CW-1840	Civil Works - Zone 1J - Prepare subgrade	2d	22-Mar-24	25-Mar-24	187d
DP-1J-CW-1880	Civil Works - Zone 1J - Place subbase and base course	1d	25-Mar-24	26-Mar-24	187d
DP-1J-CW-1760	Civil Works - Zone 1J - Place asphalt (Incl Prime and Seal)	4d	26-Mar-24	12-Apr-24	187d
DP-1J-CW-1780	Civil Works - Zone 1J - Remove Barriers - Shift Traffic to Permanent Alignment	2d	12-Apr-24	16-Apr-24	209d
Civil Works - System Fitout		2d	21-Mar-24	23-Mar-24	90d
DP-1J-CW-1660	Civil Works - Zone 1J - Erect Overhead Wire Poles with Lighting	2d	21-Mar-24	23-Mar-24	90d
Civil Works - Finishing		24d	16-Apr-24	24-May-24	207d
DP-1J-CW-5000	Civil Works - Zone 1J - Finishing - FRP Blister Islands	2d	16-Apr-24	19-Apr-24	186d
DP-1J-CW-5060	Civil Works - Zone 1J - Finishing - Landscaping	24d	16-Apr-24	24-May-24	207d
DP-1J-CW-5020	Civil Works - Zone 1J - Finishing - Final Asphalt Wearing Course	3d	19-Apr-24	23-Apr-24	186d
DP-1J-CW-5040	Civil Works - Zone 1J - Finishing - Pavement Marking	2d	23-Apr-24	26-Apr-24	185d
Traction Power & Overhead Line		90d	15-Jan-24	20-Jun-24	92d
CSR Cabling		90d	15-Jan-24	20-Jun-24	92d
Structure-to-Track		1d	23-Mar-24	25-Mar-24	104d
DP-1J-BC-1340	Traction Power - Zone 1J - Bond and Test Structure to Rail	1d	23-Mar-24	25-Mar-24	104d
Track-to-Track		1d	23-Mar-24	25-Mar-24	104d
DP-1J-BC-1000	Traction Power - Zone 1J - Connect Bond to Studs	1d	23-Mar-24	25-Mar-24	104d
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	137d
DP-1J-HC-1020	Traction Power - Zone 1J - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	137d
DP-1J-HC-1190	Traction Power - Zone 1J - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	153d
DP-1J-ST-1040	Traction Power - Zone 1J - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	137d
DP-1J-ST-1060	Traction Power - Zone 1J - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	09-Mar-24	11-Apr-24	137d
Pit-to-OLE		15d	27-May-24	20-Jun-24	92d
DP-1J-HC-1130	Traction Power - Zone 1J - WR8/9 - Pull Helper Cables & Bonding from Pit to OHL	10d	27-May-24	14-Jun-24	92d
DP-1J-HC-1150	Traction Power - Zone 1J - WR8/9 - Helper Cable & Bonding - Test & Terminate	5d	14-Jun-24	20-Jun-24	92d
Overhead Line		19d	15-Apr-24	17-May-24	82d
DP-1J-OH-1020	Traction Power - Zone 1J - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	90d
DP-1J-OH-1040	Traction Power - Zone 1J - Overhead Wiring - Wire Run 8/9 & QA	4d	09-May-24	17-May-24	82d
Zone i71 Intersection - Staged - Pacific Ave (Ch 36,546 - 36,585) - 39m		404d	20-Sep-22	23-May-24	197d
Public Utilities Plant Works		109d	20-Sep-22	08-Mar-23	241d
DP-i71-MS-1000	PUP Works - Zone i71 - Conduits and Pipes Complete - Civil work to Commence	0d		08-Mar-23	241d
CoGC - Water		9d	20-Sep-22	05-Oct-22	296d
DP-i71-WT-1000	PUP Works - Zone i71 - (WA-200-090)	9d	20-Sep-22	05-Oct-22	296d
CoGC - Sewer		89d	20-Sep-22	27-Feb-23	153d
DP-i71-SW-1140	PUP Works - Zone i71 - Northbound between Oak Ave and Pacific Ave - Sewer Reline (SE-100-075)	3d	20-Sep-22	23-Sep-22	102d
DP-i71-SW-1160	PUP Works - Zone i71 - Pacific Ave - Sewer Rising Main (SE-100-071) (Civil)	3d	23-Feb-23	27-Feb-23	153d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
Telstra		5d	27-Feb-23	08-Mar-23	211d	
Trench (D&C Contractor)		5d	27-Feb-23	08-Mar-23	211d	
DP-I71-TLS-1300	PUP Works - Zone i71 - Install protection slab (TE-200-072 / 068)	5d	27-Feb-23	08-Mar-23	211d	
Street Lighting Relocations		2d	08-Mar-23	10-Mar-23	272d	
DP-I71-Stl-1000	Lighting Works - Zone i71 - Install Temporary Street Lighting	1d	08-Mar-23	09-Mar-23	272d	
DP-I71-Stl-1020	Lighting Works - Zone i71 - Removal of Existing Lighting	1d	09-Mar-23	10-Mar-23	272d	
Civil Works - Stormwater Drainage		25d	13-Jul-23	19-Aug-23	136d	
Southbound		11d	13-Jul-23	28-Jul-23	136d	
DP-I71-DR-1000	Drainage Works - Zone i71 - Pacific Ave - Stormwater DN375 Excav/Lay/Bfill (Southbound)	11d	13-Jul-23	28-Jul-23	136d	
Undertrack		7d	07-Aug-23	19-Aug-23	136d	
DP-I71-DR-1020	Drainage Works - Zone i71 - Pacific Ave - DN450 Stormwater Excav/Lay/Bfill (Undertrack))(night)	7d	07-Aug-23	19-Aug-23	136d	
Stage 1		63d	29-Jun-23	27-Sep-23	160d	
Civil Works - Kerb and Shoulder Lanes		27d	29-Jun-23	07-Aug-23	163d	
DP-I71-CW-1520	Civil Works - Zone i71 - Stg1 - Shift Traffic to Median Lanes	1d	29-Jun-23	30-Jun-23	164d	
DP-I71-CW-1720	Civil Works - Zone i71 - Stg1 - Remove existing asphalt and subbase	1d	30-Jun-23	04-Jul-23	154d	
DP-I71-CW-1480	Civil Works - Zone i71 - Stg1 - Replace kerb and channel at PUP crossings	0d	04-Jul-23	04-Jul-23	154d	
DP-I71-CW-2120	Civil Works - Zone i71 - Stg1 - Prepare subgrade	1d	28-Jul-23	29-Jul-23	136d	
DP-I71-CW-1620	Civil Works - Zone i71 - Stg1 - Place subbase and base course	1d	29-Jul-23	31-Jul-23	136d	
DP-I71-CW-1420	Civil Works - Zone i71 - Stg1 - Place asphalt (Incl Primer Seal)	4d	31-Jul-23	04-Aug-23	136d	
DP-I71-CW-1500	Civil Works - Zone i71 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	1d	04-Aug-23	07-Aug-23	163d	
Civil Works - Rail Corridor		16d	07-Aug-23	05-Sep-23	136d	
DP-I71-CW-1000	Civil Works - Zone i71 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	0d		07-Aug-23	136d	
DP-I71-CW-1040	Civil Works - Zone i71 - Stg1 - Demo/Clear/Grub	1d	07-Aug-23	08-Aug-23	143d	
DP-I71-CW-2100	Civil Works - Zone i71 - Stg1 - Profile central median and asphalt	1d	22-Aug-23	23-Aug-23	136d	
DP-I71-CW-1100	Civil Works - Zone i71 - Stg1 - Bulk and Detail excavation	2d	23-Aug-23	28-Aug-23	136d	
DP-I71-CW-1120	Civil Works - Zone i71 - Stg1 - Flooding and compact subgrade	1d	28-Aug-23	29-Aug-23	136d	
DP-I71-CW-1140	Civil Works - Zone i71 - Stg1 - Install CSR conduits and Pits	1d	29-Aug-23	30-Aug-23	136d	
DP-I71-CW-1160	Civil Works - Zone i71 - Stg1 - Place and Compact Type 2.1 Road base	1d	30-Aug-23	31-Aug-23	136d	
DP-I71-CW-1360	Civil Works - Zone i71 - Stg1 - Final trim and survey	1d	31-Aug-23	01-Sep-23	136d	
DP-I71-CW-1180	Civil Works - Zone i71 - Stg1 - Spray bitumen chip seal	1d	01-Sep-23	05-Sep-23	136d	
Civil Works - Track		7d	05-Sep-23	14-Sep-23	136d	
DP-I71-TW-1000	Track Works - Zone i71 - Stg1 - Install/weld rail, Rail Systems Loop and form/reo	5d	05-Sep-23	11-Sep-23	136d	
DP-I71-TW-1020	Track Works - Zone i71 - Stg1 - Install OLE foundations	1d	09-Sep-23	11-Sep-23	136d	
DP-I71-TW-1040	Track Works - Zone i71 - Stg1 - Perform electrical continuity testing/hold points	1d	11-Sep-23	12-Sep-23	136d	
DP-I71-TW-1080	Track Works - Zone i71 - Stg1 - Pour concrete and complete finishes	1d	12-Sep-23	14-Sep-23	136d	
Civil Works - Reinstate Track Verge		1d	14-Sep-23	15-Sep-23	136d	
DP-I71-CW-1200	Civil Works - Zone i71 - Stg1 - Place and Compact Type 2.1 Road base	1d	14-Sep-23	15-Sep-23	136d	
Civil Works - Central Lanes		7d	15-Sep-23	27-Sep-23	160d	
DP-I71-CW-1820	Civil Works - Zone i71 - Stg1 - Remove existing asphalt and subbase	1d	15-Sep-23	18-Sep-23	136d	
DP-I71-CW-1840	Civil Works - Zone i71 - Stg1 - Prepare Subgrade	1d	18-Sep-23	19-Sep-23	136d	
DP-I71-CW-1880	Civil Works - Zone i71 - Stg1 - Place subbase and base course	1d	20-Sep-23	21-Sep-23	136d	
DP-I71-CW-1760	Civil Works - Zone i71 - Stg1 - Place asphalt (Incl Primer Seal)	4d	21-Sep-23	26-Sep-23	136d	
DP-I71-CW-1780	Civil Works - Zone i71 - Stg1 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	26-Sep-23	27-Sep-23	160d	
Stage 2		38d	27-Sep-23	20-Nov-23	197d	
Civil Works - Kerb and Shoulder Lanes		8d	27-Sep-23	10-Oct-23	163d	
DP-I71-CW-2400	Civil Works - Zone i71 - Stg2 - Shift Traffic to Median Lanes	0d		27-Sep-23	160d	
DP-I71-CW-2500	Civil Works - Zone i71 - Stg2 - Remove existing asphalt and subbase	1d	27-Sep-23	28-Sep-23	135d	
DP-I71-CW-2360	Civil Works - Zone i71 - Stg2 - Replace kerb and channel at PUP crossings	0d	28-Sep-23	28-Sep-23	135d	
DP-I71-CW-2720	Civil Works - Zone i71 - Stg2 - Prepare subgrade	1d	28-Sep-23	29-Sep-23	135d	
DP-I71-CW-2420	Civil Works - Zone i71 - Stg2 - Place subbase and base course	1d	29-Sep-23	04-Oct-23	135d	
DP-I71-CW-2340	Civil Works - Zone i71 - Stg2 - Place asphalt (Incl Primer Seal)	4d	04-Oct-23	09-Oct-23	135d	
DP-I71-CW-2380	Civil Works - Zone i71 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	1d	09-Oct-23	10-Oct-23	163d	
Civil Works - Rail Corridor		9d	10-Oct-23	24-Oct-23	135d	
DP-I71-CW-2140	Civil Works - Zone i71 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	0d		10-Oct-23	135d	
DP-I71-CW-2160	Civil Works - Zone i71 - Stg2 - Demo/Clear/Grub	1d	10-Oct-23	12-Oct-23	135d	
DP-I71-CW-2700	Civil Works - Zone i71 - Stg2 - Profile central median and asphalt	1d	12-Oct-23	13-Oct-23	135d	
DP-I71-CW-2180	Civil Works - Zone i71 - Stg2 - Bulk and Detail excavation	2d	13-Oct-23	17-Oct-23	135d	
DP-I71-CW-2200	Civil Works - Zone i71 - Stg2 - Flooding and compact subgrade	1d	17-Oct-23	18-Oct-23	135d	
DP-I71-CW-2220	Civil Works - Zone i71 - Stg2 - Install CSR conduits and Pits	1d	18-Oct-23	19-Oct-23	135d	
DP-I71-CW-2240	Civil Works - Zone i71 - Stg2 - Place and Compact Type 2.1 Road base	1d	19-Oct-23	20-Oct-23	135d	
DP-I71-CW-2320	Civil Works - Zone i71 - Stg2 - Final trim and survey	1d	21-Oct-23	23-Oct-23	135d	
DP-I71-CW-2260	Civil Works - Zone i71 - Stg2 - Spray bitumen chip seal	1d	23-Oct-23	24-Oct-23	135d	
Civil Works - Track		7d	24-Oct-23	03-Nov-23	135d	
DP-I71-TW-1355	Track Works - Zone i71 - Stg2 - Install/weld rail, Rail Systems Loop and form/reo	5d	24-Oct-23	01-Nov-23	135d	
DP-I71-TW-1375	Track Works - Zone i71 - Stg2 - Install OLE foundations	1d	31-Oct-23	01-Nov-23	135d	
DP-I71-TW-1395	Track Works - Zone i71 - Stg2 - Perform electrical continuity testing/hold points	1d	01-Nov-23	02-Nov-23	135d	

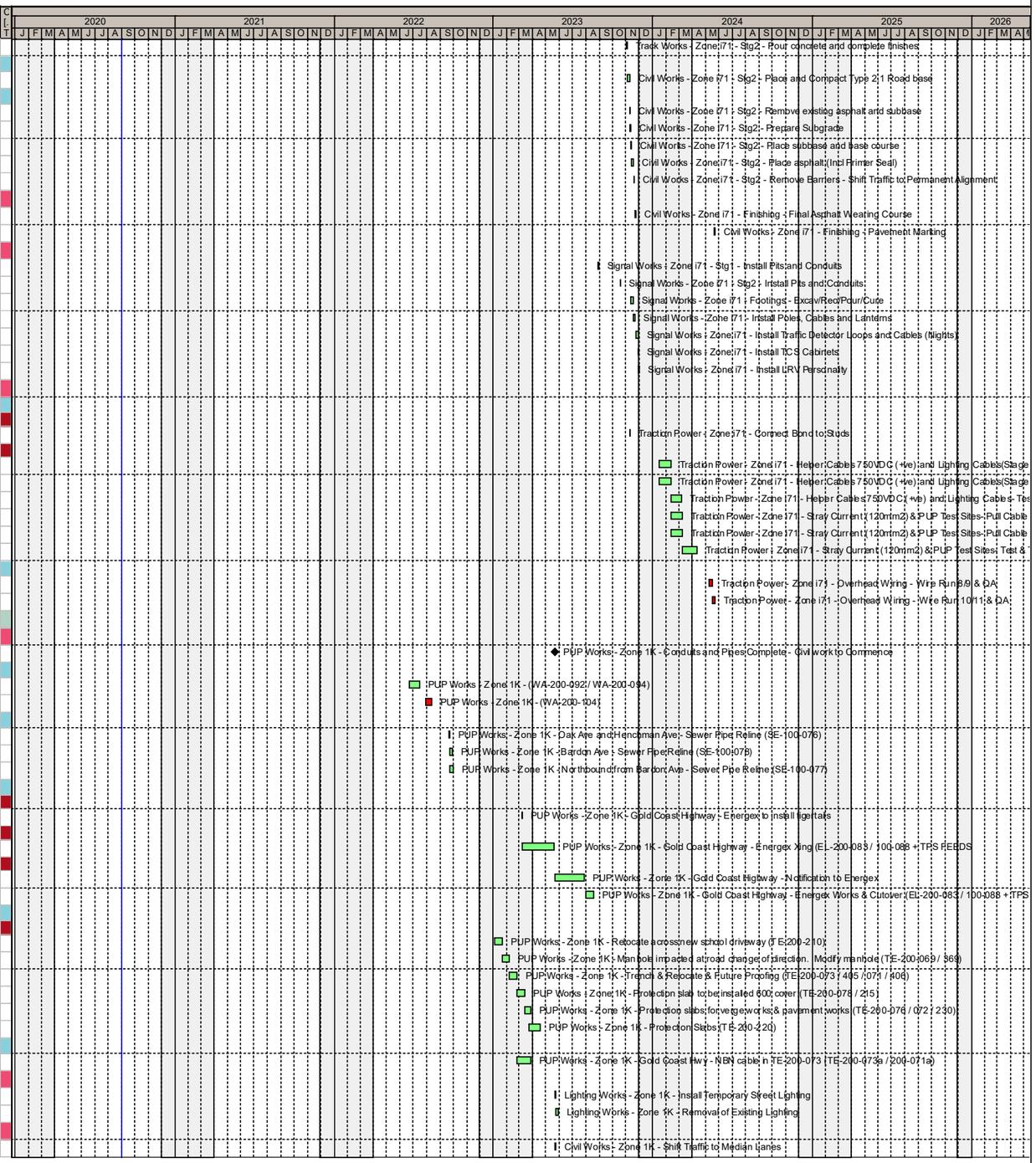


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Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
DP-I71-TW-1415	Track Works - Zone i71 - Stg2 - Pour concrete and complete finishes	1d	02-Nov-23	03-Nov-23	135d	
Civil Works - Reinstate Track Verge		1d	03-Nov-23	09-Nov-23	135d	
DP-I71-CW-2280	Civil Works - Zone i71 - Stg2 - Place and Compact Type 2.1 Road base	1d	03-Nov-23	09-Nov-23	135d	
Civil Works - Central Lanes		7d	09-Nov-23	20-Nov-23	197d	
DP-I71-CW-2640	Civil Works - Zone i71 - Stg2 - Remove existing asphalt and subbase	1d	09-Nov-23	10-Nov-23	135d	
DP-I71-CW-2660	Civil Works - Zone i71 - Stg2 - Prepare Subgrade	1d	10-Nov-23	11-Nov-23	135d	
DP-I71-CW-2620	Civil Works - Zone i71 - Stg2 - Place subbase and base course	1d	11-Nov-23	13-Nov-23	170d	
DP-I71-CW-2540	Civil Works - Zone i71 - Stg2 - Place asphalt (Incl Primer Seal)	4d	13-Nov-23	18-Nov-23	170d	
DP-I71-CW-2580	Civil Works - Zone i71 - Stg2 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	20-Nov-23	20-Nov-23	197d	
Civil Works - Finishing		97d	21-Nov-23	23-May-24	176d	
DP-I71-CW-5020	Civil Works - Zone i71 - Finishing - Final Asphalt Wearing Course	1d	21-Nov-23	23-Nov-23	270d	
DP-I71-CW-5040	Civil Works - Zone i71 - Finishing - Pavement Marking	2d	21-May-24	23-May-24	176d	
Traffic Control Systems (TCS)		59d	29-Aug-23	01-Dec-23	185d	
DP-I71-TCS-1000	Signal Works - Zone i71 - Stg1 - Install Pits and Conduits	1d	29-Aug-23	30-Aug-23	136d	
DP-I71-TCS-1020	Signal Works - Zone i71 - Stg2 - Install Pits and Conduits	1d	18-Oct-23	19-Oct-23	135d	
DP-I71-TCS-1040	Signal Works - Zone i71 - Footings - Excav/Reo/Pour/Cure	4d	11-Nov-23	17-Nov-23	135d	
DP-I71-TCS-1060	Signal Works - Zone i71 - Install Poles, Cables and Lanterns	3d	17-Nov-23	21-Nov-23	185d	
DP-I71-TCS-1080	Signal Works - Zone i71 - Install Traffic Detector Loops and Cables (Nights)	3d	23-Nov-23	29-Nov-23	185d	
DP-I71-TCS-1100	Signal Works - Zone i71 - Install TCS Cabinets	1d	29-Nov-23	30-Nov-23	185d	
DP-I71-TCS-1120	Signal Works - Zone i71 - Install LRV Personality	1d	30-Nov-23	01-Dec-23	185d	
Traction Power & Overhead Line		104d	09-Nov-23	22-May-24	111d	
CSR Cabling		78d	09-Nov-23	11-Apr-24	137d	
Track-to-Track		1d	09-Nov-23	10-Nov-23	177d	
DP-I71-BC-1020	Traction Power - Zone i71 - Connect Bond to Studs	1d	09-Nov-23	10-Nov-23	177d	
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	137d	
DP-I71-HC-1020	Traction Power - Zone i71 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 1)- Pull Cable (Incl Fit Out Pit	15d	15-Jan-24	12-Feb-24	134d	
DP-I71-HC-1040	Traction Power - Zone i71 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 2)- Pull Cable (Incl Fit Out Pit	15d	15-Jan-24	12-Feb-24	134d	
DP-I71-HC-1060	Traction Power - Zone i71 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate to Pit	14d	12-Feb-24	07-Mar-24	153d	
DP-I71-ST-1020	Traction Power - Zone i71 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Stg 1) (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	134d	
DP-I71-ST-1040	Traction Power - Zone i71 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Stg 2) (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	134d	
DP-I71-ST-1060	Traction Power - Zone i71 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate to Pit	14d	09-Mar-24	11-Apr-24	134d	
Overhead Line		8d	09-May-24	22-May-24	82d	
DP-I71-OH-1040	Traction Power - Zone i71 - Overhead Wiring - Wire Run 8/9 & QA	4d	09-May-24	17-May-24	82d	
DP-I71-OH-1100	Traction Power - Zone i71 - Overhead Wiring - Wire Run 10/11 & QA	4d	17-May-24	22-May-24	82d	
Zone 1K (Ch 36,585 - 37,057) - 472m		587d	22-Jun-22	09-Nov-24	120d	
Public Utilities Plant Works		286d	22-Jun-22	18-Aug-23	249d	
DP-1K-MS-1000	PUP Works - Zone 1K - Conduits and Pipes Complete - Civil work to Commence	0d		22-May-23	38d	
CoGC - Water		35d	22-Jun-22	12-Aug-22	3d	
DP-1K-WT-1000	PUP Works - Zone 1K - (WA-200-092 / WA-200-094)	17d	22-Jun-22	15-Jul-22	13d	
DP-1K-WT-3080	PUP Works - Zone 1K - (WA-200-104)	8d	29-Jul-22	12-Aug-22	3d	
CoGC - Sewer		8d	20-Sep-22	30-Sep-22	102d	
DP-1K-SW-1080	PUP Works - Zone 1K - Oak Ave and Henchman Ave - Sewer Pipe Reline (SE-100-076)	2d	20-Sep-22	22-Sep-22	104d	
DP-1K-SW-1100	PUP Works - Zone 1K - Bardon Ave - Sewer Pipe Reline (SE-100-078)	4d	22-Sep-22	28-Sep-22	104d	
DP-1K-SW-1090	PUP Works - Zone 1K - Northbound from Bardon Ave - Sewer Pipe Reline (SE-100-077)	5d	23-Sep-22	30-Sep-22	102d	
Energex		115d	07-Mar-23	18-Aug-23	249d	
Pre-Works		1d	07-Mar-23	08-Mar-23	87d	
DP-1K-EG-1370	PUP Works - Zone 1K - Gold Coast Highway - Energex to install tigertails	1d	07-Mar-23	08-Mar-23	87d	
Conduits & Pits		41d	07-Mar-23	20-May-23	35d	
DP-1K-EG-1000	PUP Works - Zone 1K - Gold Coast Highway - Energex Xing (EL-200-083 / 100-088 + TPS FEEDS	41d	07-Mar-23	20-May-23	35d	
Energex Works		65d	22-May-23	18-Aug-23	249d	
DP-1K-EG-2000	PUP Works - Zone 1K - Gold Coast Highway - Notification to Energex	50d	22-May-23	28-Jul-23	249d	
DP-1K-EG-2010	PUP Works - Zone 1K - Gold Coast Highway - Energex Works & Cutover (EL-200-083 / 100-088 + TPS FEEDS	15d	31-Jul-23	18-Aug-23	249d	
Telstra		59d	04-Jan-23	18-Apr-23	55d	
Trench (D&C Contractor)		59d	04-Jan-23	18-Apr-23	55d	
DP-1K-TLS-1480	PUP Works - Zone 1K - Relocate across new school driveway (TE-200-210)	10d	04-Jan-23	21-Jan-23	55d	
DP-1K-TLS-1500	PUP Works - Zone 1K - Manhole impacted at road change of direction. Modify manhole (TE-200-069 / 369)	11d	21-Jan-23	07-Feb-23	55d	
DP-1K-TLS-1520	PUP Works - Zone 1K - Trench & Relocate & Future Proofing (TE-200-073 / 405 / 071 / 406)	11d	07-Feb-23	24-Feb-23	55d	
DP-1K-TLS-1540	PUP Works - Zone 1K - Protection slab to be installed 600 cover (TE-200-078 / 215)	10d	24-Feb-23	14-Mar-23	55d	
DP-1K-TLS-1560	PUP Works - Zone 1K - Protection slabs for verge works & pavement works (TE-200-076 / 072 / 230)	10d	14-Mar-23	27-Mar-23	55d	
DP-1K-TLS-1580	PUP Works - Zone 1K - Protection Slabs (TE-200-220)	10d	23-Mar-23	18-Apr-23	55d	
NBN		20d	24-Feb-23	27-Mar-23	62d	
DP-1K-NB-1360	PUP Works - Zone 1K - Gold Coast Hwy - NBN cable in TE-200-073 (TE-200-073a / 200-071a)	20d	24-Feb-23	27-Mar-23	62d	
Street Lighting Relocations		7d	22-May-23	30-May-23	130d	
DP-1K-Stl-1000	Lighting Works - Zone 1K - Install Temporary Street Lighting	2d	22-May-23	23-May-23	130d	
DP-1K-Stl-1020	Lighting Works - Zone 1K - Removal of Existing Lighting	5d	24-May-23	30-May-23	130d	
Civil Works - Kerb and Shoulder Lanes		82d	22-May-23	13-Sep-23	41d	
DP-1K-CW-1520	Civil Works - Zone 1K - Shift Traffic to Median Lanes	3d	22-May-23	24-May-23	38d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1K-CW-1720	Civil Works - Zone 1K - Remove existing asphalt and subbase	5d	25-May-23	01-Jun-23	73d
DP-1K-CW-1480	Civil Works - Zone 1K - Replace kerb and channel at PUP crossings	3d	01-Jun-23	05-Jun-23	73d
DP-1K-CW-212	Civil Works - Zone 1K - Prepare subgrade	11d	29-Jul-23	17-Aug-23	36d
DP-1K-CW-1620	Civil Works - Zone 1K - Place subbase and base course	5d	17-Aug-23	24-Aug-23	36d
DP-1K-CW-1420	Civil Works - Zone 1K - Place asphalt (Incl Prime and Seal)	10d	24-Aug-23	09-Sep-23	36d
DP-1K-CW-1500	Civil Works - Zone 1K - Shift Traffic to Kerb and Shoulder Lanes	3d	11-Sep-23	13-Sep-23	41d
Civil Works - Stormwater Drainage		85d	25-May-23	29-Sep-23	37d
Southbound		41d	25-May-23	25-Jul-23	36d
DP-1K-DR-1040	Drainage Works - Zone 1K - Goldcoast Hwy - DN450 Stormwater Excav/Lay/Bfill (Southbound)	9d	25-May-23	06-Jun-23	48d
DP-1K-DR-1000	Drainage Works - Zone 1K - Goldcoast Hwy - DN1200 Stormwater Excav/Lay/Bfill (Southbound)	41d	25-May-23	25-Jul-23	36d
Northbound		24d	06-Jun-23	13-Jul-23	48d
DP-1K-DR-1020	Drainage Works - Zone 1K - Goldcoast Hwy - DN450 Stormwater Excav/Lay/Bfill (Northbound)	24d	06-Jun-23	13-Jul-23	48d
Crossing		4d	25-Jul-23	29-Jul-23	36d
DP-1K-DR-1060	Drainage Works - Zone 1K - Goldcoast Hwy - Stormwater DN525 Excav/Lay/Bfill (Crossing)(Night)	4d	25-Jul-23	29-Jul-23	36d
Undertrack		12d	14-Sep-23	29-Sep-23	37d
DP-1K-DR-2080	Drainage Works - Zone 1K - Goldcoast Hwy - DN450 Stormwater Excav/Lay/Bfill (Undertrack)	12d	14-Sep-23	29-Sep-23	37d
Civil Works - Rail Corridor		65d	14-Sep-23	11-Jan-24	37d
DP-1K-CW-1000	Civil Works - Zone 1K - Shift Traffic to Kerb and Shoulder Lanes	0d		14-Sep-23	37d
DP-1K-CW-1040	Civil Works - Zone 1K - Demo/Clear/Grub	1d	14-Sep-23	15-Sep-23	48d
DP-1K-CW-210	Civil Works - Zone 1K - Profile central median and asphalt	3d	29-Sep-23	06-Oct-23	37d
DP-1K-CW-1100	Civil Works - Zone 1K - Bulk and Detail excavation	14d	06-Oct-23	27-Oct-23	37d
DP-1K-CW-1120	Civil Works - Zone 1K - Flooding and compact subgrade	10d	27-Oct-23	16-Nov-23	37d
DP-1K-CW-1140	Civil Works - Zone 1K - Install CSR conduits and Pits	6d	16-Nov-23	24-Nov-23	37d
DP-1K-CW-1160	Civil Works - Zone 1K - Place and Compact Type 2.1 Road base	9d	24-Nov-23	08-Dec-23	37d
DP-1K-CW-1360	Civil Works - Zone 1K - Final trim and survey	10d	08-Dec-23	10-Jan-24	37d
DP-1K-CW-1180	Civil Works - Zone 1K - Spray bitumen chip seal	1d	10-Jan-24	11-Jan-24	37d
Civil Works - Track		32d	11-Jan-24	07-Mar-24	37d
DP-1K-TW-1000	Track Works - Zone 1K - Install/weld rail, Rail Systems Loop & Point Machine Case and form/reo	15d	11-Jan-24	08-Feb-24	37d
DP-1K-TW-1020	Track Works - Zone 1K - Install OLE foundations	15d	11-Jan-24	08-Feb-24	37d
DP-1K-TW-1040	Track Works - Zone 1K - Perform electrical continunity testing/hold points	6d	08-Feb-24	15-Feb-24	37d
DP-1K-TW-1080	Track Works - Zone 1K - Pour concrete, strip formwork and install lids	11d	15-Feb-24	07-Mar-24	37d
Civil Works - Reinstate Track Verge		12d	07-Mar-24	25-Mar-24	37d
DP-1K-CW-1200	Civil Works - Zone 1K - Place and Compact Type 2.1 Road base	4d	07-Mar-24	12-Mar-24	37d
DP-1K-CW-1700	Civil Works - Zone 1K - FRP Median Kerbs	8d	12-Mar-24	25-Mar-24	37d
Civil Works - Central Lanes		26d	25-Mar-24	03-May-24	200d
DP-1K-CW-1820	Civil Works - Zone 1K - Remove existing asphalt and subbase	3d	25-Mar-24	08-Apr-24	102d
DP-1K-CW-1840	Civil Works - Zone 1K - Prepare subgrade	6d	08-Apr-24	18-Apr-24	102d
DP-1K-CW-1880	Civil Works - Zone 1K - Place subbase and base course	2d	18-Apr-24	20-Apr-24	102d
DP-1K-CW-1760	Civil Works - Zone 1K - Place asphalt (Incl Prime and Seal)	6d	20-Apr-24	30-Apr-24	102d
DP-1K-CW-1780	Civil Works - Zone 1K - Remove Barriers - Shift Traffic to Permanent Alignment	3d	30-Apr-24	03-May-24	200d
Civil Works - System Fitout		48d	25-Mar-24	05-Jun-24	97d
DP-1K-CW-1660	Civil Works - Zone 1K - Erect Overhead Wire Poles with Lighting	3d	25-Mar-24	08-Apr-24	94d
DP-1K-CW-1680	Civil Works - Zone 1K - FRP island platform Stop MIN Incl Conduits	10d	25-Mar-24	19-Apr-24	37d
DP-1K-BW-2040	Building Works - Zone 1K - Stop MIN - Fitout	15d	19-Apr-24	16-May-24	95d
DP-1K-CW-1900	Civil Works - Zone 1K - Install island platform Stop MIN Membrane structure Incl Membrane	15d	19-Apr-24	16-May-24	37d
DP-1K-BW-2060	Building Works - Zone 1K - Stop MIN - Install comms/UPS cabinets	1d	16-May-24	17-May-24	94d
DP-1K-BW-2080	Building Works - Zone 1K - Stop MIN - LV distribution board, cabling & fitout	5d	16-May-24	22-May-24	37d
DP-1K-BW-1100	Building Works - Zone 1K - Stop MIN - Commission	10d	22-May-24	05-Jun-24	90d
Civil Works - Finishing		34d	03-May-24	26-Jun-24	185d
DP-1K-CW-5000	Civil Works - Zone 1K - Finishing - FRP Blister Islands	5d	03-May-24	14-May-24	178d
DP-1K-CW-5060	Civil Works - Zone 1K - Finishing - Landscaping	34d	03-May-24	26-Jun-24	185d
DP-1K-CW-5020	Civil Works - Zone 1K - Finishing - Final Asphalt Wearing Course	4d	14-May-24	21-May-24	178d
DP-1K-CW-5040	Civil Works - Zone 1K - Finishing - Pavement Marking	2d	23-May-24	25-May-24	176d
Traffic Control Systems (TCS)		92d	16-Nov-23	08-May-24	102d
DP-I72-TCS-1000	Signal Works - Zone i72 - Install Pits and Conduits	2d	16-Nov-23	18-Nov-23	41d
DP-I72-TCS-1040	Signal Works - Zone i72 - Footings - Excav/Reo/Pour/Cure	4d	18-Apr-24	23-Apr-24	103d
DP-I72-TCS-1060	Signal Works - Zone i72 - Install Poles, Cables and Lanterns	3d	23-Apr-24	29-Apr-24	103d
DP-I72-TCS-1080	Signal Works - Zone i72 - Install Traffic Detector Loops and Cables (Nights)	3d	30-Apr-24	03-May-24	102d
DP-I72-TCS-1100	Signal Works - Zone i72 - Install TCS Cabinets	1d	03-May-24	07-May-24	102d
DP-I72-TCS-1120	Signal Works - Zone i72 - Install LRV Personality	1d	07-May-24	08-May-24	102d
Traction Power & Overhead Line		456d	09-Jan-23	09-Nov-24	11d
CSR Cabling		95d	13-Jan-24	25-Jun-24	88d
Structure-to-Track		1d	08-Apr-24	09-Apr-24	100d
DP-1K-BC-1380	Traction Power - Zone 1K - Bond and Test Structure to Rail	1d	08-Apr-24	09-Apr-24	100d
Track-to-Track		1d	08-Apr-24	09-Apr-24	100d
DP-1K-BC-1040	Traction Power - Zone 1K - Connect Bond to Studs	1d	08-Apr-24	09-Apr-24	100d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
Pit-to-Pit		49d	13-Jan-24	15-Apr-24	134d	
DP-1K-ST-1000	Traction Power - Zone 1K - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	13-Jan-24	12-Feb-24	164d	
DP-1K-HC-1020	Traction Power - Zone 1K - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	153d	
DP-1K-HC-1250	Traction Power - Zone 1K - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	153d	
DP-1K-ST-2160	Traction Power - Zone 1K - Stray Current (120mm2) & PUP Test Sites- Terminate & Test at Pit	3d	11-Apr-24	15-Apr-24	134d	
Pit-to-OLE		19d	27-May-24	25-Jun-24	88d	
DP-1K-HC-1190	Traction Power - Zone 1K - WR8/9 - Pull Helper Cables & Bonding from Pit to OHL	10d	27-May-24	14-Jun-24	92d	
DP-1K-HC-1210	Traction Power - Zone 1K - WR8/9 - Helper Cable & Bonding - Test & Terminate	5d	14-Jun-24	20-Jun-24	92d	
DP-1A-HC-1006	Traction Power - Zone 1K - WR10/11, WR12 - Pull Helper Cables & Bonding from Pit to OHL	6d	14-Jun-24	21-Jun-24	88d	
DP-1A-GC-S007	Traction Power - Zone 1K - WR10/11, WR12 - Helper Cable & Bonding - Test & Terminate	3d	21-Jun-24	25-Jun-24	88d	
Overhead Line		25d	15-Apr-24	24-May-24	100d	
DP-1K-OH-1020	Traction Power - Zone 1K - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	90d	
DP-1K-OH-1100	Traction Power - Zone 1K - Overhead Wiring - Wire Run 8/9 & QA	4d	09-May-24	17-May-24	82d	
DP-1K-OH-1040	Traction Power - Zone 1K - Overhead Wiring - Wire Run 10/11 & QA	4d	17-May-24	22-May-24	102d	
DP-1K-OH-1120	Traction Power - Zone 1K - Overhead Wiring - Wire Run 12 & QA	2d	22-May-24	24-May-24	82d	
TPS12 - Henchman Ave (Ch 36,700)		456d	09-Jan-23	09-Nov-24	11d	
TPS12 Civil Works - Henchmann Ave Cul-De-Sac		26d	09-Jan-23	15-Feb-23	161d	
DP-1K-CW-2000	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Saw Cut	2d	09-Jan-23	10-Jan-23	161d	
DP-1K-CW-2020	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Demo Asphalt / Concrete	1d	12-Jan-23	13-Jan-23	143d	
DP-1K-CW-2040	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Expose Known Services - Vac Truck	1d	12-Jan-23	13-Jan-23	164d	
DP-1K-CW-2060	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Box Out / Haul Out	2d	13-Jan-23	17-Jan-23	161d	
DP-1K-CW-2080	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Compact Ground / Allow for Unsuitable Replacemnent	1d	17-Jan-23	18-Jan-23	161d	
DP-1K-CW-2120	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Construct Kerb/Channel	10d	18-Jan-23	02-Feb-23	161d	
DP-1K-CW-2100	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Place Subbase/Base	2d	02-Feb-23	06-Feb-23	161d	
DP-1K-CW-2160	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Backfill Behind Kerb	2d	02-Feb-23	06-Feb-23	161d	
DP-1K-CW-2140	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Construct Pavement Running Surface	5d	06-Feb-23	13-Feb-23	161d	
DP-1K-CW-5080	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Apply Pavement Markings	2d	13-Feb-23	15-Feb-23	161d	
TPS12 Structure (Ch 36,700)		107d	09-Jan-23	13-Jun-23	80d	
DP-1K-CW-1960	Building Works - Zone 1K - TPS12 - Civils commence	0d	09-Jan-23		73d	
DP-1K-BW-1000	Building Works - Zone 1K - TPS12 - Erect Hoardings	2d	09-Jan-23	12-Jan-23	74d	
DP-1K-BW-1040	Building Works - Zone 1K - TPS12 - Construct U/G Services & Earthing Grid	20d	12-Jan-23	14-Feb-23	74d	
DP-1K-BW-1060	Building Works - Zone 1K - TPS12 - Construct substation building - Foundation & Prep Works	50d	14-Feb-23	15-May-23	74d	
DP-1K-BW-1080	Building Works - Zone 1K - TPS12 - Construct Access Path, Toilet & Misc Landings	20d	15-May-23	13-Jun-23	74d	
DP-1K-SS-1000	TPS12 - Civil handover - Substation foundation	0d	13-Jun-23		74d	
TPS12 Substation		5d	13-Jun-23	21-Jun-23	74d	
DP-1K-SS-1020	TPS12 - Substation - Crane into place & secure	5d	13-Jun-23	21-Jun-23	74d	
LV Cabling (415V)		98d	27-Jan-23	07-Jul-23	74d	
DP-1K-SS-3000	Traction Power - TPS12 - Energex 415V Metered Supply Installation	10d	27-Jan-23	09-Feb-23	157d	
DP-1K-SS-1980	Traction Power - TPS12 - 415V Cable - Pull Cable (inside substation)	3d	21-Jun-23	26-Jun-23	74d	
DP-1K-SS-2020	Traction Power - TPS12 - 415V Cable - Test & Terminate (inside substation)	3d	26-Jun-23	29-Jun-23	74d	
DP-1K-SS-3010	Traction Power - TPS12 - 415V Cable - Post Install Checks	5d	29-Jun-23	07-Jul-23	74d	
HV Cabling (11kV)		14d	21-Jun-23	11-Jul-23	211d	
DP-1K-SS-2040	Traction Power - TPS12 - 11kV Cable - Pull Cable (inside substation)	3d	21-Jun-23	26-Jun-23	208d	
DP-1K-SS-2060	Traction Power - TPS12 - 11kV Cable - Test & Terminate (inside substation)	3d	29-Jun-23	05-Jul-23	205d	
DP-1K-SS-3030	Traction Power - TPS12 - 11kV Cable - Post Install Checks	5d	05-Jul-23	11-Jul-23	211d	
Traction Cabling		16d	24-Nov-23	05-Jan-24	112d	
750VDC (+ve)		5d	24-Nov-23	02-Dec-23	112d	
DP-1K-SS-2120	Traction Power - TPS12 - 750VDC (+ve) (2no.) - Pull Cable to Pit	2d	24-Nov-23	29-Nov-23	112d	
DP-1K-SS-2140	Traction Power - TPS12 - 750VDC (+ve) (2no.) - Test & Terminate	3d	29-Nov-23	02-Dec-23	112d	
750VDC (-ve)		11d	02-Dec-23	05-Jan-24	112d	
DP-1K-SS-2160	Traction Power - TPS12 - 750VDC (-ve) (4no.) - Pull Cable and Bolt to Rail	3d	02-Dec-23	07-Dec-23	112d	
DP-1K-SS-2180	Traction Power - TPS12 - 750VDC (-ve) (4no.) - Test & Terminate	3d	07-Dec-23	11-Dec-23	112d	
DP-1K-SS-3050	Traction Power - TPS12 - 750VDC - Post Install Checks	5d	11-Dec-23	05-Jan-24	112d	
Stray Current Cabling		10d	11-Dec-23	12-Jan-24	190d	
DP-1K-ST-2100	Traction Power - TPS12 - Stray Current - Pull Cable to Pit	2d	11-Dec-23	15-Dec-23	175d	
DP-1K-ST-2120	Traction Power - TPS12 - Stray Current - Test & Terminate	3d	15-Dec-23	05-Jan-24	175d	
DP-1K-ST-2180	Traction Power - TPS12 - Stray Current - Post Install Checks	5d	05-Jan-24	12-Jan-24	190d	
Energex		89d	13-Jun-23	18-Oct-23	86d	
TPIS Install		18d	13-Jun-23	10-Jul-23	84d	
DP-1K-SS-2000	Traction Power - TPS12 - Energex Install TPIS 11kV Switchgear (Out of Energex Stock) & Fitout (with RMU)	15d	13-Jun-23	06-Jul-23	84d	
DP-1K-SS-2080	Traction Power - TPS12 - Energex pull Cable out to 11kv point of coupling & Precommission	3d	06-Jul-23	10-Jul-23	84d	
LV Cabling (415V)		6d	10-Jul-23	19-Jul-23	130d	
DP-1K-SS-2300	Traction Power - TPS12 - 415V Cable - Pull Cable from TPIS (outside substation)	3d	10-Jul-23	14-Jul-23	84d	
DP-1K-SS-2320	Traction Power - TPS12 - 415V Cable - Test & Terminate (outside substation)	3d	14-Jul-23	19-Jul-23	130d	
HV Cabling (11kV)		11d	10-Jul-23	26-Jul-23	84d	
DP-1K-SS-2340	Traction Power - TPS12 - 11kV Cable - Pull Cable from TPIS (outside substation)	3d	10-Jul-23	14-Jul-23	84d	
DP-1K-SS-2360	Traction Power - TPS12 -11kV Cable - Test & Terminate (outside substation)	3d	14-Jul-23	19-Jul-23	84d	
DP-1K-SS-3070	Traction Power - TPS12 - TPIS - Post Install Checks	5d	19-Jul-23	26-Jul-23	84d	



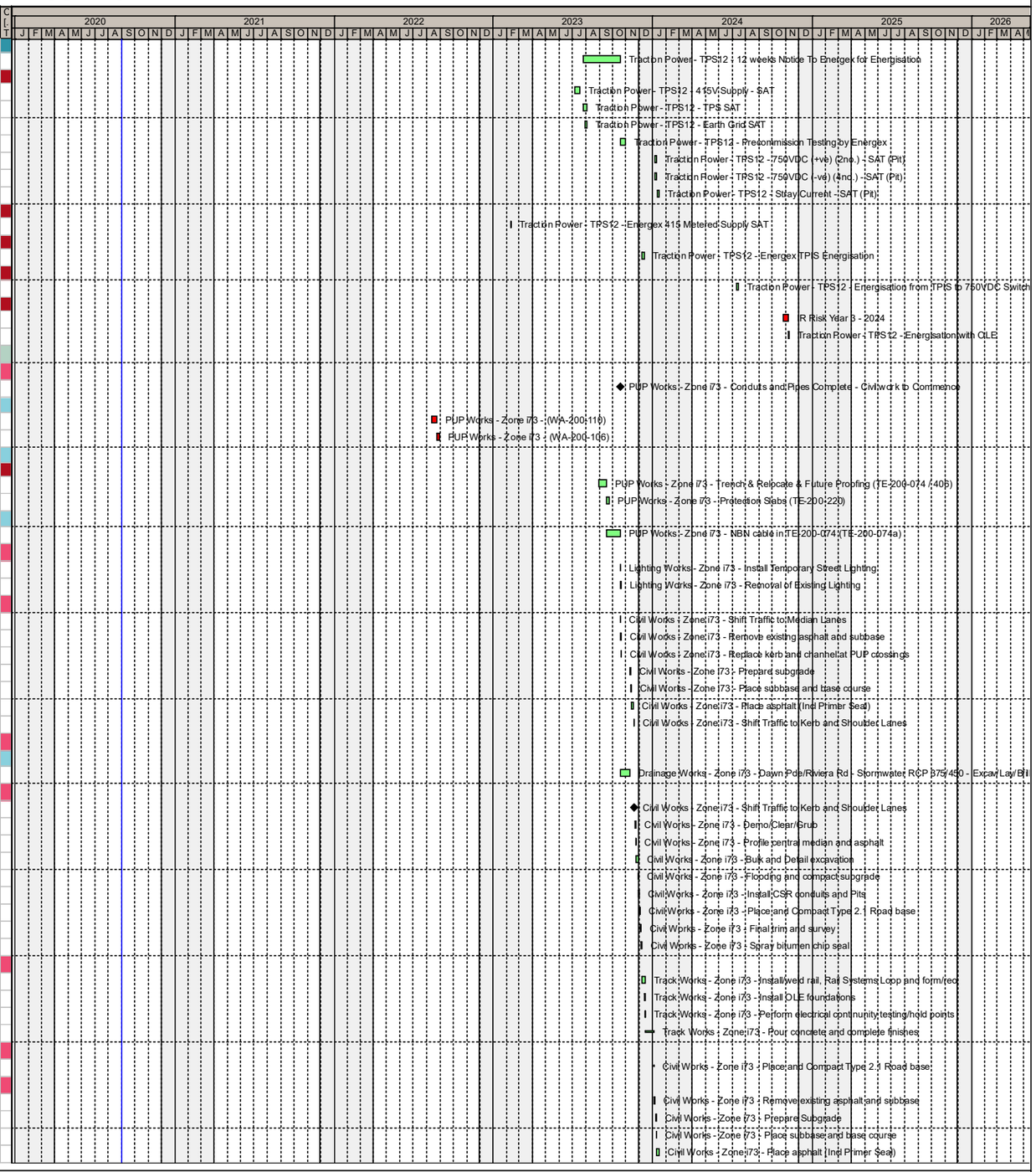
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C
Energex Notification for Energisation		84d	26-Jul-23	18-Oct-23	135d	
DP-1E-SS-2340	Traction Power - TPS12 - 12 weeks Notice To Energex for Energisation	84d	26-Jul-23	18-Oct-23	135d	
SAT		125d	07-Jul-23	16-Jan-24	218d	
DP-1K-SS-2220	Traction Power - TPS12 - 415V Supply - SAT	8d	07-Jul-23	19-Jul-23	74d	
DP-1K-SS-2240	Traction Power - TPS12 - TPS SAT	6d	26-Jul-23	02-Aug-23	201d	
DP-1K-SS-3090	Traction Power - TPS12 - Earth Grid SAT	3d	29-Jul-23	02-Aug-23	272d	
DP-1K-SS-2100	Traction Power - TPS12 - Precommission Testing by Energex	8d	18-Oct-23	30-Oct-23	72d	
DP-1K-SS-2260	Traction Power - TPS12 - 750VDC (+ve) (2no.) - SAT (Pit)	3d	05-Jan-24	10-Jan-24	112d	
DP-1K-SS-2280	Traction Power - TPS12 - 750VDC (-ve) (4no.) - SAT (Pit)	3d	05-Jan-24	10-Jan-24	112d	
DP-1K-ST-2140	Traction Power - TPS12 - Stray Current - SAT (Pit)	3d	12-Jan-24	16-Jan-24	190d	
Energex 415V Metered Supply SAT		1d	09-Feb-23	10-Feb-23	161d	
DP-1K-SS-2460	Traction Power - TPS12 - Energex 415 Metered Supply SAT	1d	09-Feb-23	10-Feb-23	161d	
TPIS Energisation		4d	07-Dec-23	12-Dec-23	49d	
DP-1K-SS-2420	Traction Power - TPS12 - Energex TPIS Energisation	4d	07-Dec-23	12-Dec-23	49d	
Energisation from TPIS to 750VDC		3d	12-Jul-24	16-Jul-24	74d	
DP-1K-SS-2440	Traction Power - TPS12 - Energisation from TPIS to 750VDC Switchboard	3d	12-Jul-24	16-Jul-24	74d	
Energisation with OLE		7d	25-Oct-24	09-Nov-24	3d	
DP-1K-SS-3100	IR Risk Year 3 - 2024	5d	25-Oct-24	07-Nov-24	3d	
DP-1K-SS-204	Traction Power - TPS12 - Energisation with OLE	2d	07-Nov-24	09-Nov-24	3d	
Zone i73 Intersection - Med Term Closure - Dawn Pde/Riviera Rd (Ch 37,057 - 37,095) - 38m		436d	12-Aug-22	31-May-24	198d	
Public Utilities Plant Works		289d	12-Aug-22	18-Oct-23	142d	
DP-I73-MS-1000	PUP Works - Zone i73 - Conduits and Pipes Complete - Civil work to Commence	0d		18-Oct-23	142d	
CoGC - Water		11d	12-Aug-22	30-Aug-22	3d	
DP-I73-WT-1020	PUP Works - Zone i73 - (WA-200-110)	9d	12-Aug-22	25-Aug-22	3d	
DP-I73-WT-1000	PUP Works - Zone i73 - (WA-200-106)	2d	25-Aug-22	30-Aug-22	3d	
Telstra		16d	30-Aug-23	23-Sep-23	133d	
Trench (D&C Contractor)		16d	30-Aug-23	23-Sep-23	133d	
DP-I73-TLS-1510	PUP Works - Zone i73 - Trench & Relocate & Future Proofing (TE-200-074 / 406)	11d	30-Aug-23	18-Sep-23	118d	
DP-I73-TLS-1570	PUP Works - Zone i73 - Protection Slabs (TE-200-220)	5d	18-Sep-23	23-Sep-23	133d	
NBN		20d	18-Sep-23	18-Oct-23	118d	
DP-I73-NB-1550	PUP Works - Zone i73 - NBN cable in TE-200-074 (TE-200-074a)	20d	18-Sep-23	18-Oct-23	118d	
Street Lighting Relocations		2d	18-Oct-23	20-Oct-23	162d	
DP-I73-Stl-1000	Lighting Works - Zone i73 - Install Temporary Street Lighting	1d	18-Oct-23	19-Oct-23	162d	
DP-I73-Stl-1020	Lighting Works - Zone i73 - Removal of Existing Lighting	1d	19-Oct-23	20-Oct-23	162d	
Civil Works - Kerb and Shoulder Lanes		24d	18-Oct-23	20-Nov-23	140d	
DP-I73-CW-1520	Civil Works - Zone i73 - Shift Traffic to Median Lanes	1d	18-Oct-23	19-Oct-23	142d	
DP-I73-CW-1720	Civil Works - Zone i73 - Remove existing asphalt and subbase	1d	19-Oct-23	20-Oct-23	130d	
DP-I73-CW-1480	Civil Works - Zone i73 - Replace kerb and channel at PUP crossings	0d	20-Oct-23	20-Oct-23	130d	
DP-I73-CW-2120	Civil Works - Zone i73 - Prepare subgrade	1d	10-Nov-23	11-Nov-23	119d	
DP-I73-CW-1620	Civil Works - Zone i73 - Place subbase and base course	1d	11-Nov-23	13-Nov-23	119d	
DP-I73-CW-1420	Civil Works - Zone i73 - Place asphalt (Incl Primer Seal)	4d	13-Nov-23	18-Nov-23	119d	
DP-I73-CW-1500	Civil Works - Zone i73 - Shift Traffic to Kerb and Shoulder Lanes	1d	20-Nov-23	20-Nov-23	140d	
Civil Works - Stormwater Drainage		12d	19-Oct-23	10-Nov-23	119d	
Northbound		12d	19-Oct-23	10-Nov-23	119d	
DP-I73-DR-1140	Drainage Works - Zone i73 - Dawn Pde/Riviera Rd - Stormwater RCP 375/450 - Excav/Lay/Bfill (Northbound)(nigh	12d	19-Oct-23	10-Nov-23	119d	
Civil Works - Rail Corridor		10d	20-Nov-23	07-Dec-23	119d	
DP-I73-CW-1000	Civil Works - Zone i73 - Shift Traffic to Kerb and Shoulder Lanes	0d		20-Nov-23	119d	
DP-I73-CW-1040	Civil Works - Zone i73 - Demo/Clear/Grub	1d	21-Nov-23	23-Nov-23	119d	
DP-I73-CW-2100	Civil Works - Zone i73 - Profile central median and asphalt	1d	23-Nov-23	24-Nov-23	119d	
DP-I73-CW-1100	Civil Works - Zone i73 - Bulk and Detail excavation	2d	24-Nov-23	29-Nov-23	119d	
DP-I73-CW-1120	Civil Works - Zone i73 - Flooding and compact subgrade	1d	29-Nov-23	30-Nov-23	119d	
DP-I73-CW-1140	Civil Works - Zone i73 - Install CSR conduits and Pits	1d	30-Nov-23	01-Dec-23	120d	
DP-I73-CW-1160	Civil Works - Zone i73 - Place and Compact Type 2.1 Road base	1d	02-Dec-23	04-Dec-23	119d	
DP-I73-CW-1360	Civil Works - Zone i73 - Final trim and survey	1d	04-Dec-23	05-Dec-23	119d	
DP-I73-CW-1180	Civil Works - Zone i73 - Spray bitumen chip seal	1d	05-Dec-23	07-Dec-23	119d	
Civil Works - Track		7d	07-Dec-23	03-Jan-24	119d	
DP-I73-TW-1000	Track Works - Zone i73 - Install/weld rail, Rail Systems Loop and form/reo	5d	07-Dec-23	14-Dec-23	119d	
DP-I73-TW-1020	Track Works - Zone i73 - Install OLE foundations	1d	12-Dec-23	14-Dec-23	119d	
DP-I73-TW-1040	Track Works - Zone i73 - Perform electrical continunity testing/hold points	1d	14-Dec-23	15-Dec-23	119d	
DP-I73-TW-1080	Track Works - Zone i73 - Pour concrete and complete finishes	1d	15-Dec-23	03-Jan-24	119d	
Civil Works - Reinstate Track Verge		1d	03-Jan-24	04-Jan-24	119d	
DP-I73-CW-1200	Civil Works - Zone i73 - Place and Compact Type 2.1 Road base	1d	03-Jan-24	04-Jan-24	119d	
Civil Works - Central Lanes		6d	04-Jan-24	16-Jan-24	289d	
DP-I73-CW-1820	Civil Works - Zone i73 - Remove existing asphalt and subbase	1d	04-Jan-24	05-Jan-24	119d	
DP-I73-CW-1840	Civil Works - Zone i73 - Prepare Subgrade	1d	08-Jan-24	09-Jan-24	119d	
DP-I73-CW-1880	Civil Works - Zone i73 - Place subbase and base course	1d	09-Jan-24	10-Jan-24	160d	
DP-I73-CW-1760	Civil Works - Zone i73 - Place asphalt (Incl Primer Seal)	4d	10-Jan-24	15-Jan-24	160d	



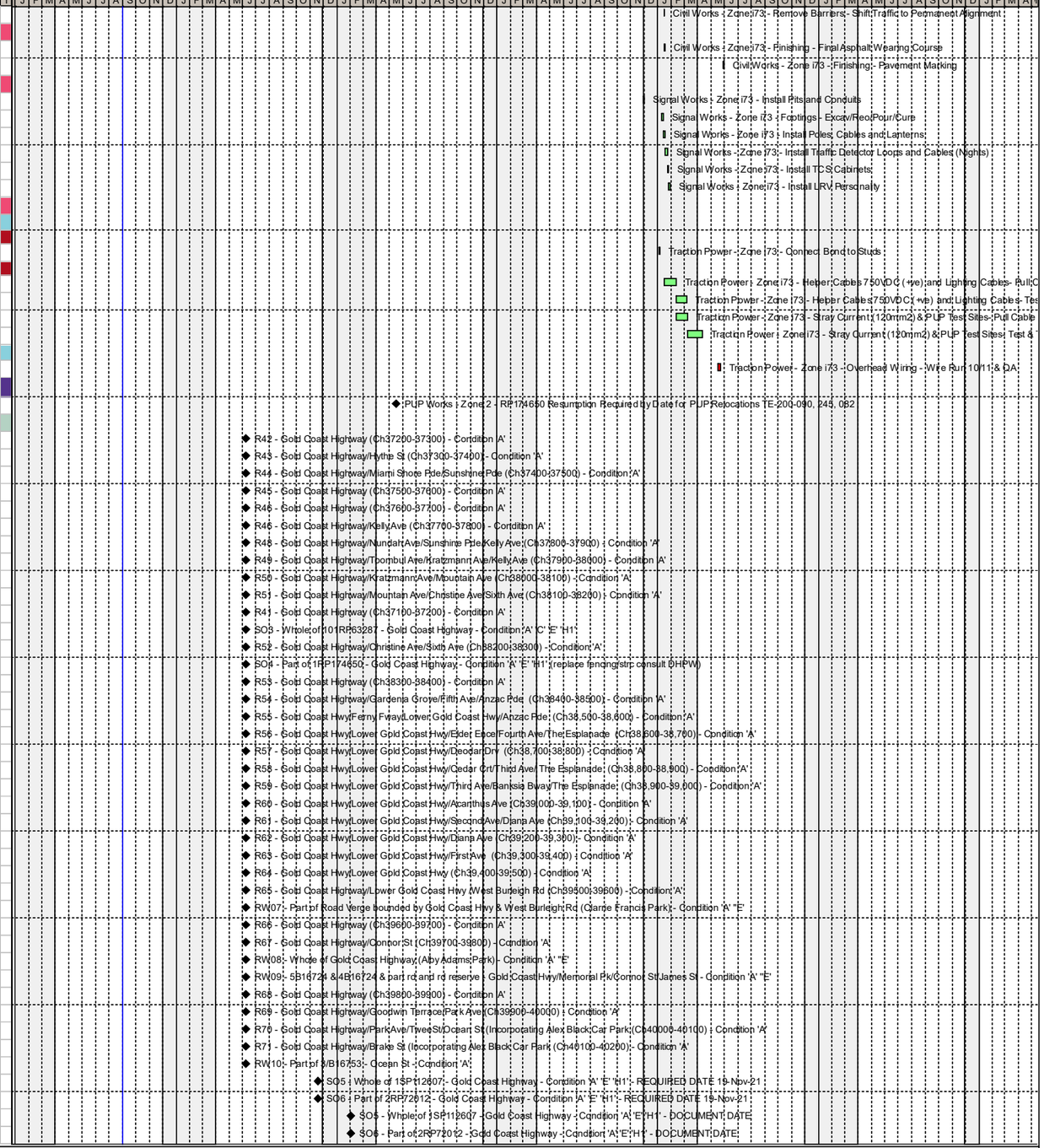
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I73-CW-1780	Civil Works - Zone i73 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	15-Jan-24	16-Jan-24	289d
Civil Works - Finishing		77d	16-Jan-24	31-May-24	176d
DP-I73-CW-5020	Civil Works - Zone i73 - Finishing - Final Asphalt Wearing Course	1d	16-Jan-24	18-Jan-24	250d
DP-I73-CW-5040	Civil Works - Zone i73 - Finishing - Pavement Marking	2d	28-May-24	31-May-24	176d
Traffic Control Systems (TCS)		27d	30-Nov-23	29-Jan-24	158d
DP-I73-TCS-1000	Signal Works - Zone i73 - Install Pits and Conduits	2d	30-Nov-23	02-Dec-23	119d
DP-I73-TCS-1040	Signal Works - Zone i73 - Footings - Excav/Reo/Pour/Cure	4d	09-Jan-24	13-Jan-24	119d
DP-I73-TCS-1060	Signal Works - Zone i73 - Install Poles, Cables and Lanterns	3d	13-Jan-24	18-Jan-24	158d
DP-I73-TCS-1080	Signal Works - Zone i73 - Install Traffic Detector Loops and Cables (Nights)	3d	18-Jan-24	24-Jan-24	158d
DP-I73-TCS-1100	Signal Works - Zone i73 - Install TCS Cabinets	1d	24-Jan-24	25-Jan-24	158d
DP-I73-TCS-1120	Signal Works - Zone i73 - Install LRV Personality	1d	25-Jan-24	29-Jan-24	158d
Traction Power & Overhead Line		78d	04-Jan-24	22-May-24	123d
CSR Cabling		52d	04-Jan-24	11-Apr-24	145d
Track-to-Track		1d	04-Jan-24	05-Jan-24	196d
DP-I73-BC-1000	Traction Power - Zone i73 - Connect Bond to Studs	1d	04-Jan-24	05-Jan-24	196d
Pit-to-Pit		45d	15-Jan-24	11-Apr-24	137d
DP-I73-HC-1020	Traction Power - Zone i73 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	137d
DP-I73-HC-1040	Traction Power - Zone i73 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	153d
DP-I73-ST-1000	Traction Power - Zone i73 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	12-Feb-24	09-Mar-24	137d
DP-I73-ST-1020	Traction Power - Zone i73 - Stray Current (120mm2) & PUP Test Sites- Test & Termiante at Pit	14d	09-Mar-24	11-Apr-24	137d
Overhead Line		4d	17-May-24	22-May-24	123d
DP-I73-OH-1040	Traction Power - Zone i73 - Overhead Wiring - Wire Run 10/11 & QA	4d	17-May-24	22-May-24	123d
Southern Area - Southern Side of Dawn Parade - Burleigh Heads Station (Ch 37,095 - 40,135)		829d	08-Jun-21	25-Oct-24	131d
DP-SA-2A-1460	PUP Works - Zone 2 - RP174650 Resumption Required by Date for PUP Relocations TE-200-090, 245, 082	0d		16-May-22	150d
Site Access Dates - Client Nominated		182d	08-Jun-21	09-Mar-22	571d
DP-SA-2A-R42	R42 - Gold Coast Highway (Ch37200-37300) - Condition 'A'	0d	08-Jun-21		439d
DP-SA-2A-R43	R43 - Gold Coast Highway/Hythe St (Ch37300-37400) - Condition 'A'	0d	08-Jun-21		439d
DP-SA-2A-R44	R44 - Gold Coast Highway/Miami Shore Pde/Sunshine Pde (Ch37400-37500) - Condition 'A'	0d	08-Jun-21		439d
DP-SA-2A-R45	R45 - Gold Coast Highway (Ch37500-37600) - Condition 'A'	0d	08-Jun-21		439d
DP-SA-2A-R46	R46 - Gold Coast Highway (Ch37600-37700) - Condition 'A'	0d	08-Jun-21		439d
DP-SA-2A-R47	R46 - Gold Coast Highway/Kelly Ave (Ch37700-37800) - Condition 'A'	0d	08-Jun-21		439d
DP-SA-2A-R48	R48 - Gold Coast Highway/Nundah Ave/Sunshine Pde/Kelly Ave (Ch37800-37900) - Condition 'A'	0d	08-Jun-21		439d
DP-SA-I76-R49	R49 - Gold Coast Highway/Toombul Ave/Kratzmann Ave/Kelly Ave (Ch37900-38000) - Condition 'A'	0d	08-Jun-21		749d
DP-SA-2B-R50	R50 - Gold Coast Highway/Kratzmann Ave/Mountain Ave (Ch38000-38100) - Condition 'A'	0d	08-Jun-21		515d
DP-SA-I78-R51	R51 - Gold Coast Highway/Mountain Ave/Christine Ave/Sixth Ave (Ch38100-38200) - Condition 'A'	0d	08-Jun-21		753d
DP-SA-2A-R41	R41 - Gold Coast Highway (Ch37100-37200) - Condition 'A'	0d	08-Jun-21		439d
DP-SA-2B-SO3	SO3 - Whole of 101RP63287 - Gold Coast Highway - Condition 'A' 'C' 'E' 'H1'	0d	08-Jun-21*		444d
DP-SA-2C-R52	R52 - Gold Coast Highway/Christine Ave/Sixth Ave (Ch38200-38300) - Condition 'A'	0d	08-Jun-21		627d
DP-SA-2C-SO4	SO4 - Part of 1RP174650 - Gold Coast Highway - Condition 'A' 'E' 'H1' (replace fencing/strc consult DHPW)	0d	08-Jun-21*		647d
DP-SA-2C-R53	R53 - Gold Coast Highway (Ch38300-38400) - Condition 'A'	0d	08-Jun-21		627d
DP-SA-I79-R54	R54 - Gold Coast Highway/Gardenia Grove/Fifth Ave/Anzac Pde (Ch38400-38500) - Condition 'A'	0d	08-Jun-21		726d
DP-SA-2D-R55	R55 - Gold Coast Hwy/Ferny Fway/Lower Gold Coast Hwy/Anzac Pde (Ch38,500-38,600) - Condition 'A'	0d	08-Jun-21		482d
DP-SA-2D-R56	R56 - Gold Coast Hwy/Lower Gold Coast Hwy/Elder Ence/Fourth Ave/The Esplanade (Ch38,600-38,700) - Condi	0d	08-Jun-21		482d
DP-SA-2D-R57	R57 - Gold Coast Hwy/Lower Gold Coast Hwy/Deodar Drv (Ch38,700-38,800) - Condition 'A'	0d	08-Jun-21		482d
DP-SA-2D-R58	R58 - Gold Coast Hwy/Lower Gold Coast Hwy/Cedar Crt/Third Ave/ The Esplanade (Ch38,800-38,900) - Conditic	0d	08-Jun-21		482d
DP-SA-2D-R59	R59 - Gold Coast Hwy/Lower Gold Coast Hwy/Third Ave/Banksia Bway/The Esplanade (Ch38,900-39,000) - Con	0d	08-Jun-21		482d
DP-SA-2D-R60	R60 - Gold Coast Hwy/Lower Gold Coast Hwy/Acanthus Ave (Ch39,000-39,100) - Condition 'A'	0d	08-Jun-21		482d
DP-SA-2D-R61	R61 - Gold Coast Hwy/Lower Gold Coast Hwy/Second Ave/Diana Ave (Ch39,100-39,200) - Condition 'A'	0d	08-Jun-21		482d
DP-SA-2D-R62	R62 - Gold Coast Hwy/Lower Gold Coast Hwy/Diana Ave (Ch39,200-39,300) - Condition 'A'	0d	08-Jun-21		482d
DP-SA-2D-R63	R63 - Gold Coast Hwy/Lower Gold Coast Hwy/First Ave (Ch39,300-39,400) - Condition 'A'	0d	08-Jun-21		482d
DP-SA-2D-R64	R64 - Gold Coast Hwy/Lower Gold Coast Hwy (Ch39,400-39,500) - Condition 'A'	0d	08-Jun-21		482d
DP-SA-I84-R65	R65 - Gold Coast Highway/Lower Gold Coast Hwy /West Burleigh Rd (Ch39500-39600) - Condition 'A'	0d	08-Jun-21		560d
DP-SA-I84-RW07	RW07 - Part of Road Verge bounded by Gold Coast Hwy & West Burleigh Rd (Clarrie Francis Park) - Condition 'A	0d	08-Jun-21		560d
DP-SA-2G-R66	R66 - Gold Coast Highway (Ch39600-39700) - Condition 'A'	0d	08-Jun-21		521d
DP-SA-I85-R67	R67 - Gold Coast Highway/Connor St (Ch39700-39800) - Condition 'A'	0d	08-Jun-21		627d
DP-SA-I85-RW08	RW08 - Whole of Gold Coast Highway (Alby Adams Park) - Condition 'A' "E'	0d	08-Jun-21		627d
DP-SA-I85-RW09	RW09 - 5B16724 & 4B16724 & part rd and rd reserve - Gold Coast Hwy/Memorial Pk/Connor St/James St - Cond	0d	08-Jun-21		627d
DP-SA-2H-R68	R68 - Gold Coast Highway (Ch39800-39900) - Condition 'A'	0d	08-Jun-21		673d
DP-SA-2I-R69	R69 - Gold Coast Highway/Goodwin Terrace/Park Ave (Ch39900-40000) - Condition 'A'	0d	08-Jun-21		575d
DP-SA-2I-R70	R70 - Gold Coast Highway/Park Ave/TweeSt/Ocean St (Incorporating Alex Black Car Park (Ch40000-40100) - Co	0d	08-Jun-21		575d
DP-SA-2I-R71	R71 - Gold Coast Highway/Brake St (Incorporating Alex Black Car Park (Ch40100-40200) - Condition 'A'	0d	08-Jun-21		575d
DP-SA-2I-RW10	RW10 - Part of 3/B16753 - Ocean St - Condition 'A'	0d	08-Jun-21		575d
DP-SA-2I-SO5	SO5 - Whole of 1SP112607 - Gold Coast Highway - Condition 'A' 'E' 'H1' - REQUIRED DATE 19-Nov-21	0d		19-Nov-21*	0d
DP-SA-2I-SO6	SO6 - Part of 2RP72012 - Gold Coast Highway - Condition 'A' 'E' 'H1' - REQUIRED DATE 19-Nov-21	0d		19-Nov-21*	0d
DP-SA-2I-SO5-GL	SO5 - Whole of 1SP112607 - Gold Coast Highway - Condition 'A' 'E' 'H1' - DOCUMENT DATE	0d		01-Feb-22*	0d
DP-SA-2I-SO6-GL	SO6 - Part of 2RP72012 - Gold Coast Highway - Condition 'A' 'E' 'H1' - DOCUMENT DATE	0d		01-Feb-22*	0d



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Project ID : P00287-PTSub-021
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Site Access Dates - Client Nominated - WA-128 FC+9 Months		0d	09-Mar-22	09-Mar-22	289d
DP-SA-I76-R49N	R49 - Gold Coast Highway/Toombul Ave (Ch37900-38000) - Condition 'H1'	0d	09-Mar-22		227d
DP-SA-2B-R50N	R50 - Gold Coast Highway/Mountain Ave (Ch38000-38100) - Condition 'H1'	0d	09-Mar-22		289d
DP-SA-I78-R51Na	R51 - Gold Coast Highway/Mountain Ave/Christine Ave (Ch38100-38200) - Condition 'H1'	0d	09-Mar-22		289d
Site Access Dates - Client Nominated - WA-129 FC+9 Months		0d	09-Mar-22	09-Mar-22	445d
DP-SA-2C-R52N	R52 - Gold Coast Highway/Christine Ave (Ch38200-38300) - Condition 'H1'	0d	09-Mar-22		445d
DP-SA-2C-R53N	R53 - Gold Coast Highway (Ch38300-38400) - Condition 'H1'	0d	09-Mar-22		440d
DP-SA-I79-R54N	R54 - Gold Coast Highway/Gardenia Grove/Anzac Pde (Ch38400-38500) - Condition 'H1'	0d	09-Mar-22		239d
DP-SA-2D-R55N	R55 - Gold Coast Hwy/Ferny Fway/Lower Gold Coast Hwy/Anzac Pde (Ch38,500-38,600) - Condition 'H1'	0d	09-Mar-22		239d
DP-SA-2D-R56N	R56 - Gold Coast Hwy/Lower Gold Coast Hwy/Elder Ence (Ch38,600-38,700) - Condition 'H1'	0d	09-Mar-22		239d
DP-SA-I78-R51Nb	R51 - Gold Coast Highway/Mountain Ave/Christine Ave (Ch38100-38200) - Condition 'H1'	0d	09-Mar-22		227d
Ticketing Machines - State - ROS Dates		218d	25-Sep-23	15-Aug-24	26d
DP-2A-COMM-1740	Miami Stop MIA - ROS TIcketing Machine	0d	25-Sep-23		241d
DP-2B-COMM-1780	Christine Ave Stop CHA - ROS TIcketing Machine	0d	03-Nov-23		175d
DP-2I-COMM-1860	Burleigh Stop BUH - ROS TIcketing Machine	0d	27-May-24		84d
DP-2D-COMM-1820	Second Ave Stop SAB - ROS TIcketing Machine	0d	15-Aug-24		23d
Zone 2A (Ch 37,095 - 37,967) - 872m		584d	31-May-22	14-Oct-24	139d
Public Utilities Plant Works		159d	31-May-22	24-Jan-23	389d
DP-2A-MS-1000	PUP Works - Zone 2A- Conduits and Pipes Complete - Civil work to Commence	0d		11-Oct-22	108d
CoGC - Water		34d	03-Aug-22	23-Sep-22	110d
Water Scope		34d	03-Aug-22	23-Sep-22	104d
DP-2A-WT-3150	PUP Works - Zone 2A- (WA-200-125) DN100 - Install DICL - Excav/Lay/Bfill	20d	03-Aug-22	06-Sep-22	115d
DP-2A-WT-1020	PUP Works - Zone 2A- (WA-200-119)	8d	30-Aug-22	10-Sep-22	3d
DP-2A-WT-3110	PUP Works - Zone 2A- (WA-200-121)	8d	30-Aug-22	10-Sep-22	25d
DP-2A-WT-3160	PUP Works - Zone 2A- (WA-200-225)	2d	06-Sep-22	08-Sep-22	115d
DP-2A-WT-3140	PUP Works - Zone 2A- (WA-200-124, WA-200-123)	2d	10-Sep-22	13-Sep-22	25d
DP-2A-WT-3120	PUP Works - Zone 2A- (WA-200-122)	9d	10-Sep-22	23-Sep-22	3d
Service Connections		1d	06-Sep-22	07-Sep-22	123d
DP-2A-WT-S0022	PUP Works - Zone 2A- (WA-S-022)	1d	06-Sep-22	07-Sep-22	123d
DP-2A-WT-S0023	PUP Works - Zone 2A- (WA-S-023)	1d	06-Sep-22	07-Sep-22	123d
DP-2A-WT-S0024	PUP Works - Zone 2A- (WA-S-024)	1d	06-Sep-22	07-Sep-22	123d
DP-2A-WT-S0025	PUP Works - Zone 2A- (WA-S-025)	1d	06-Sep-22	07-Sep-22	123d
DP-2A-WT-S0026	PUP Works - Zone 2A- (WA-S-026)	1d	06-Sep-22	07-Sep-22	123d
CoGC - Sewer		20d	03-Aug-22	06-Sep-22	34d
DP-2A-SW-1000	PUP Works - Zone 2A- Sewer Pipe Reline (SE-200-83 to 85)(SE-200-90 to 92)	20d	03-Aug-22	06-Sep-22	34d
Energex		94d	30-Aug-22	24-Jan-23	389d
Pre-Works		1d	30-Aug-22	31-Aug-22	112d
DP-2A-EG-1000	PUP Works - Zone 2A- Energex to install tigertails	1d	30-Aug-22	31-Aug-22	112d
Conduits & Pits		28d	30-Aug-22	11-Oct-22	93d
DP-2A-EG-1020	PUP Works - Zone 2A- Gold Coast Hwy - Energex Xing (EL-200-103 to 200-110)	28d	30-Aug-22	11-Oct-22	93d
DP-2A-EG-1030	PUP Works - Zone 2A- Gold Coast Hwy - Energex Xing (EL-200-091 to 200-100 / 155)	28d	30-Aug-22	11-Oct-22	82d
Energex Works		65d	11-Oct-22	24-Jan-23	389d
DP-2A-EG-2000	PUP Works - Zone 2A- Gold Coast Hwy - Notification to Energex	50d	11-Oct-22	20-Dec-22	389d
DP-2A-EG-2010	PUP Works - Zone 2A- Gold Coast Hwy - Energex Works & Cutover (EL-200-091 to 200-113 / 155)	15d	20-Dec-22	24-Jan-23	389d
APA Gas		49d	30-Aug-22	08-Nov-22	263d
Protect/Relocate		24d	30-Aug-22	06-Oct-22	97d
DP-2A-GA-1020	PUP Works - Zone 2A- Gas Relocation DN63 IN DN110 (GA-200-018 / 019)	24d	30-Aug-22	06-Oct-22	97d
Cutover		23d	06-Oct-22	08-Nov-22	263d
DP-2A-GA-1140	PUP Works - Zone 2A- D&C Contractor to Notify APA Gas	20d	06-Oct-22	03-Nov-22	263d
DP-2A-GA-1160	PUP Works - Zone 2A- APA Gas Cutover (GA-200-018 / 019)	3d	03-Nov-22	08-Nov-22	263d
Telstra		31d	31-May-22	15-Jul-22	150d
Relocate Conduits & Cable Pull		31d	31-May-22	15-Jul-22	150d
DP-2A-TLS-1420	PUP Works - Zone 2A- Minor Protection Slab (TE-200-086 / 087 / 244 / 083 / 088 / 234 / 358 / 155)	5d	31-May-22	07-Jun-22	176d
DP-2A-TLS-1380	PUP Works - Zone 2A- Miami Shore Pde - New Stormwater impacts Telstra. Replace Telstra & Optus (TE-200-08	25d	31-May-22	07-Jul-22	150d
DP-2A-TLS-1400	PUP Works - Zone 2A- Nundah Ave - New Stormwater impacts Telstra. Replace Telstra & Optus (TE-200-245)	25d	31-May-22	07-Jul-22	150d
DP-2A-TLS-1440	PUP Works - Zone 2A- Kelly Ave - Relocate Telstra (TE-200-085)	6d	07-Jul-22	15-Jul-22	150d
NBN		40d	07-Jul-22	07-Sep-22	228d
DP-2A-NB-1400	PUP Works - Zone 2A- Miami Shore Pde - NBN cables inside TE-200-082 (TE-200-082b)	40d	07-Jul-22	07-Sep-22	177d
DP-2A-NB-1440	PUP Works - Zone 2A- Nundah Ave - NBN cables inside TE-200-245 (TE-200-245b)	40d	07-Jul-22	07-Sep-22	228d
OPTUS		1d	06-Jul-22	07-Jul-22	156d
DP-2A-NB-1420	PUP Works - Zone 2A- Miami Shore Pde/Nundah Ave - OPTUS cables inside TE-200-082 (TE-200-082a)	1d	06-Jul-22	07-Jul-22	156d
DP-2A-NB-1460	PUP Works - Zone 2A- Miami Shore Pde/Nundah Ave - OPTUS cables inside TE-200-082 (TE-200-245a)	1d	06-Jul-22	07-Jul-22	156d
Street Lighting Relocations		13d	11-Oct-22	28-Oct-22	108d
DP-2A-Stl-1000	Lighting Works - Zone 2A- Install Temporary Street Lighting	4d	11-Oct-22	17-Oct-22	108d
DP-2A-Stl-1020	Lighting Works - Zone 2A- Removal of Existing Lighting	9d	17-Oct-22	28-Oct-22	108d
Stormwater Drainage		226d	02-Nov-22	28-Nov-23	86d
Southbound		15d	22-May-23	13-Jun-23	93d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2A-DR-1260	Drainage Works - Zone 2A - Goldcoast Hwy - Stormwater >DN750 Excav/Lay/Bfill (Southbound)	14d	22-May-23	09-Jun-23	94d
DP-2A-DR-1870	Drainage Works - Zone 2A - Goldcoast Hwy - Stormwater <DN600 Excav/Lay/Bfill (Southbound)	15d	22-May-23	13-Jun-23	93d
Northbound		178d	02-Nov-22	08-Sep-23	86d
DP-2A-DR-2020	Drainage Works - Zone 2A - Goldcoast Hwy - Stormwater <DN600 Excav/Lay/Bfill (Northbound)	13d	02-Nov-22	24-Nov-22	86d
DP-2A-DR-2040	Drainage Works - Zone 2A - Goldcoast Hwy - Stormwater >DN750 Excav/Lay/Bfill (Northbound)	33d	02-Nov-22	17-Jan-23	91d
DP-2A-DR-1840	Drainage Works - Zone 2A - Goldcoast Hwy - Stormwater <DN600 Excav/Lay/Bfill (Northbound)	25d	29-Jul-23	08-Sep-23	86d
DP-2A-DR-1200	Drainage Works - Zone 2A - Goldcoast Hwy - Stormwater >DN750 Excav/Lay/Bfill (Northbound)	7d	19-Aug-23	30-Aug-23	92d
Miami Shore Pde		25d	24-Nov-22	24-Jan-23	86d
DP-2A-DR-1220	Drainage Works - Zone 2A - Miami Shore Pde - Stormwater >DN750 Excav/Lay/Bfill	25d	24-Nov-22	24-Jan-23	86d
Nundah Ave		12d	29-Jul-23	19-Aug-23	91d
DP-2A-DR-1920	Drainage Works - Zone 2A - Nundah Ave - Stormwater >DN750 Excav/Lay/Bfill (Start of RW)	12d	29-Jul-23	19-Aug-23	91d
Crossing		67d	22-May-23	31-Aug-23	91d
DP-2A-DR-1960	Drainage Works - Zone 2A - Brakes Cres - Stormwater RCBC 2400x450 - Excav/Lay/BFill	25d	22-May-23	28-Jun-23	125d
DP-2A-DR-1320	Drainage Works - Zone 2A - Goldcoast Hwy - Stormwater >DN750 Excav/Lay/Bfill (Nundah Ave) (Night)	5d	19-Aug-23	28-Aug-23	91d
DP-2A-DR-1980	Drainage Works - Zone 2A - Goldcoast Hwy - DN450 Stormwater Excav/Lay/Bfill (Nundah Ave) (Night)	3d	28-Aug-23	31-Aug-23	91d
Undertrack		165d	02-Mar-23	28-Nov-23	86d
DP-2A-DR-2000	Drainage Works - Zone 2A - Goldcoast Hwy - Stormwater <DN600 Excav/Lay/Bfill (Southbound)	12d	02-Mar-23	21-Mar-23	88d
DP-2A-DR-1910	Drainage Works - Zone 2A - Goldcoast Hwy - Stormwater <DN600 Excav/Lay/Bfill (Southbound)	27d	12-Oct-23	28-Nov-23	86d
Dawn Pde to Brakes Crescent (Ch 37,095 - 37,530)		190d	28-Oct-22	11-Aug-23	204d
Civil Works - Kerb and Shoulder Lanes		77d	28-Oct-22	01-Mar-23	100d
DP-2A-CW-5320	Civil Works - Zone 2A - Shift Traffic to Median Lanes	3d	28-Oct-22	02-Nov-22	108d
DP-2A-CW-5380	Civil Works - Zone 2A - Remove existing asphalt and subbase	5d	02-Nov-22	14-Nov-22	116d
DP-2A-CW-5280	Civil Works - Zone 2A - Replace kerb and channel at PUP crossings	3d	14-Nov-22	18-Nov-22	116d
DP-2A-CW-5400	Civil Works - Zone 2A - FRP pedestrian footpath at PUP Crossings	6d	18-Nov-22	25-Nov-22	132d
DP-2A-CW-5540	Civil Works - Zone 2A - Prepare subgrade	10d	24-Jan-23	08-Feb-23	86d
DP-2A-CW-5340	Civil Works - Zone 2A - Place subbase and base course	4d	08-Feb-23	14-Feb-23	101d
DP-2A-CW-5260	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)	7d	14-Feb-23	24-Feb-23	88d
DP-2A-CW-5300	Civil Works - Zone 2A - Shift Traffic to Kerb and Shoulder Lanes	3d	24-Feb-23	01-Mar-23	100d
Civil Works - Rail Corridor		41d	02-Mar-23	17-May-23	88d
DP-2A-CW-5100	Civil Works - Zone 2A - Shift Traffic to Kerb and Shoulder Lanes	0d		02-Mar-23	88d
DP-2A-CW-5520	Civil Works - Zone 2A - Profile central median and asphalt	3d	21-Mar-23	24-Mar-23	88d
DP-2A-CW-5120	Civil Works - Zone 2A - Bulk and Detail excavation	10d	24-Mar-23	20-Apr-23	88d
DP-2A-CW-5140	Civil Works - Zone 2A - Flooding and compact subgrade	7d	04-Apr-23	24-Apr-23	88d
DP-2A-CW-5160	Civil Works - Zone 2A - Install CSR conduits and Pits	6d	20-Apr-23	28-Apr-23	88d
DP-2A-CW-5180	Civil Works - Zone 2A - Place and Compact Type 2.1 Road base	8d	24-Apr-23	09-May-23	88d
DP-2A-CW-5240	Civil Works - Zone 2A - Final trim and survey	9d	28-Apr-23	16-May-23	88d
DP-2A-CW-5200	Civil Works - Zone 2A - Spray bitumen chip seal	1d	16-May-23	17-May-23	88d
Civil Works - Track		22d	17-May-23	19-Jun-23	178d
DP-2A-TW-1100	Track Works - Zone 2A - Install/weld rail, Rail Systems Loop and form/reo	14d	17-May-23	05-Jun-23	88d
DP-2A-TW-1120	Track Works - Zone 2A - Install OLE foundations	14d	17-May-23	05-Jun-23	178d
DP-2A-TW-1140	Track Works - Zone 2A - Perform electrical continunity testing/hold points	6d	01-Jun-23	09-Jun-23	178d
DP-2A-TW-1160	Track Works - Zone 2A - Pour concrete, strip formwork and install lids	10d	02-Jun-23	19-Jun-23	178d
Civil Works - Reinstate Track Verge		14d	16-Jun-23	06-Jul-23	178d
DP-2A-CW-5680	Civil Works - Zone 2a - FRP Kerb Track Side	3d	16-Jun-23	20-Jun-23	178d
DP-2A-CW-5220	Civil Works - Zone 2A - Place and Compact Type 2.1 Road Base	2d	20-Jun-23	22-Jun-23	178d
DP-2A-CW-5360	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)(North Zone)	9d	22-Jun-23	06-Jul-23	178d
Civil Works - Central Lanes		26d	06-Jul-23	11-Aug-23	204d
DP-2A-CW-5740	Civil Works - Zone 2A - Shift Traffic to Median Lanes	3d	06-Jul-23	11-Jul-23	204d
DP-2A-CW-5480	Civil Works - Zone 2A - Remove existing asphalt and subbase	2d	11-Jul-23	15-Jul-23	175d
DP-2A-CW-5500	Civil Works - Zone 2A - Prepare subgrade	4d	15-Jul-23	20-Jul-23	175d
DP-2A-CW-5700	Civil Works - Zone 2A - Replace kerb and channel at PUP crossings	3d	20-Jul-23	25-Jul-23	175d
DP-2A-CW-5720	Civil Works - Zone 2A - FRP pedestrian footpath at PUP Crossings	3d	25-Jul-23	28-Jul-23	181d
DP-2A-CW-5460	Civil Works - Zone 2A - Place subbase and base course	4d	25-Jul-23	31-Jul-23	202d
DP-2A-CW-5420	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)	6d	31-Jul-23	08-Aug-23	173d
DP-2A-CW-5440	Civil Works - Zone 2A - Shift Traffic to Kerb and Shoulder Lanes	3d	08-Aug-23	11-Aug-23	204d
South of Brakes Cres to Intersection I76 (Ch 37,530 - 37,967)		222d	17-May-23	11-Apr-24	92d
Civil Works - Finishing Kerbs and Southbound Lanes		49d	17-May-23	25-Jul-23	96d
DP-2A-CW-1520	Civil Works - Zone 2A - Shift Traffic to Median Lanes	3d	17-May-23	22-May-23	93d
DP-2A-CW-1720	Civil Works - Zone 2A - Remove existing asphalt and subbase	4d	22-May-23	29-May-23	87d
DP-2A-CW-1480	Civil Works - Zone 2A - Replace kerb and channel at PUP crossings	3d	29-May-23	01-Jun-23	101d
DP-2A-CW-2120	Civil Works - Zone 2A - Prepare subgrade	9d	13-Jun-23	27-Jun-23	93d
DP-2A-CW-1620	Civil Works - Zone 2A - Place subbase and base course	4d	27-Jun-23	03-Jul-23	102d
DP-2A-CW-1420	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)	7d	04-Jul-23	13-Jul-23	92d
DP-2A-CW-1740	Civil Works - Zone 2A - FRP pedestrian footpath at PUP Crossings	6d	11-Jul-23	20-Jul-23	87d
DP-2A-CW-1500	Civil Works - Zone 2A - Shift Traffic to Kerb and Shoulder Lanes	3d	20-Jul-23	25-Jul-23	96d
Civil Works - Shared Path Widening (250 m)		30d	29-May-23	11-Jul-23	87d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2A-CW-2260	Civil Works - Zone 2A - Retaining Wall RW02 - FRP Footing	10d	29-May-23	09-Jun-23	87d
DP-2A-CW-2280	Civil Works - Zone 2A - Retaining Wall RW02 - FRP Wall	20d	03-Jun-23	05-Jul-23	87d
DP-2A-CW-2300	Civil Works - Zone 2A - Retaining Wall RW02 - Backfill	5d	05-Jul-23	11-Jul-23	87d
Civil Works - Finishing Kerbs and Northbound Lanes		55d	25-Jul-23	12-Oct-23	101d
DP-2A-CW-5080	Civil Works - Zone 2A - Shift Traffic to Median Lanes	0d		25-Jul-23	96d
DP-2A-CW-1820	Civil Works - Zone 2A - Remove existing asphalt and subbase	4d	25-Jul-23	29-Jul-23	86d
DP-2A-CW-1840	Civil Works - Zone 2A - Prepare subgrade	9d	08-Sep-23	22-Sep-23	86d
DP-2A-CW-1860	Civil Works - Zone 2A - Replace kerb and channel at PUP crossings	3d	22-Sep-23	26-Sep-23	86d
DP-2A-CW-1880	Civil Works - Zone 2A - Place subbase and base course	2d	26-Sep-23	28-Sep-23	101d
DP-2A-CW-174	Civil Works - Zone 2A - FRP pedestrian footpath at PUP Crossings	3d	26-Sep-23	29-Sep-23	91d
DP-2A-CW-1760	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)	6d	28-Sep-23	09-Oct-23	86d
DP-2A-CW-1780	Civil Works - Zone 2A - Shift Traffic to Kerb and Shoulder Lanes	3d	09-Oct-23	12-Oct-23	101d
Civil Works - Rail Corridor		59d	12-Oct-23	02-Feb-24	86d
DP-2A-CW-1000	Civil Works - Zone 2A - Shift Traffic to Kerb and Shoulder Lanes	0d		12-Oct-23	86d
DP-2A-CW-2100	Civil Works - Zone 2A - Profile central median and asphalt	3d	28-Nov-23	01-Dec-23	86d
DP-2A-CW-1100	Civil Works - Zone 2A - Bulk and Detail excavation	12d	01-Dec-23	04-Jan-24	86d
DP-2A-CW-1120	Civil Works - Zone 2A - Flooding and compact subgrade	9d	09-Dec-23	10-Jan-24	86d
DP-2A-CW-1140	Civil Works - Zone 2A - Install CSR conduits and Pits	6d	04-Jan-24	13-Jan-24	89d
DP-2A-CW-1160	Civil Works - Zone 2A - Place and Compact Type 2.1 Road base	6d	13-Jan-24	24-Jan-24	86d
DP-2A-CW-1360	Civil Works - Zone 2A - Final trim and survey	7d	18-Jan-24	01-Feb-24	86d
DP-2A-CW-1180	Civil Works - Zone 2A - Spray bitumen chip seal	1d	01-Feb-24	02-Feb-24	86d
Civil Works - Track		22d	02-Feb-24	09-Mar-24	86d
DP-2A-TW-1000	Track Works - Zone 2A - Install/weld rail, Rail Systems Loop and form/reo	14d	02-Feb-24	26-Feb-24	86d
DP-2A-TW-1020	Track Works - Zone 2A - Install OLE foundations	14d	02-Feb-24	26-Feb-24	86d
DP-2A-TW-1040	Track Works - Zone 2A - Perform electrical continuity testing/hold points	6d	22-Feb-24	01-Mar-24	86d
DP-2A-TW-1080	Track Works - Zone 2A - Pour concrete, strip formwork and install lids	10d	23-Feb-24	09-Mar-24	86d
Civil Works - Reinstate Track Verge		16d	07-Mar-24	11-Apr-24	86d
DP-2A-CW-2180	Civil Works - Zone 2a - FRP Kerb Track Side	3d	07-Mar-24	12-Mar-24	86d
DP-2A-CW-1200	Civil Works - Zone 2A - Place and Compact Type 2.1 Road Base	4d	12-Mar-24	19-Mar-24	86d
DP-2A-CW-1700	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)(South Zone)	9d	19-Mar-24	11-Apr-24	86d
Civil Works - System Fitout		187d	06-Jul-23	15-Apr-24	119d
DP-2A-CW-5760	Civil Works - Zone 2A - Erect Overhead Wire Poles with Lighting (North)	3d	06-Jul-23	11-Jul-23	251d
DP-2A-CW-1680	Civil Works - Zone 2A - FRP island platform Stop MIA Incl Conduits	10d	11-Aug-23	31-Aug-23	174d
DP-2A-BW-1040	Building Works - Zone 2A - Stop MIA - Fitout	15d	31-Aug-23	23-Sep-23	210d
DP-2A-CW-1900	Civil Works - Zone 2A - Install island platform Stop MIA Membrane structure Incl Membrane	15d	31-Aug-23	23-Sep-23	174d
DP-2A-BW-1060	Building Works - Zone 2A - Stop MIA - Install comms/UPS cabinets	1d	23-Sep-23	25-Sep-23	209d
DP-2A-BW-1080	Building Works - Zone 2A - Stop MIA - LV distribution board, cabling & fitout	5d	23-Sep-23	29-Sep-23	174d
DP-2A-BW-1100	Building Works - Zone 2A - Stop MIA - Commission	10d	29-Sep-23	17-Oct-23	205d
DP-2A-CW-1660	Civil Works - Zone 2A - Erect Overhead Wire Poles with Lighting (South)	3d	11-Apr-24	15-Apr-24	86d
Civil Works - Finishing		52d	11-Apr-24	02-Jul-24	182d
DP-2A-CW-5000	Civil Works - Zone 2A - Finishing - FRP Blister Islands	13d	11-Apr-24	01-May-24	210d
DP-2A-CW-5060	Civil Works - Zone 2A - Finishing - Landscaping	29d	11-Apr-24	27-May-24	205d
DP-2A-CW-5020	Civil Works - Zone 2A - Finishing - Final Asphalt Wearing Course	3d	01-May-24	07-May-24	210d
DP-2A-CW-5040	Civil Works - Zone 2A - Finishing - Pavement Marking	2d	27-Jun-24	02-Jul-24	176d
Traffic Control Systems (TCS)		61d	22-Sep-23	13-Jan-24	160d
DP-I74-TCS-1040	Signal Works - Zone i74/75 - Footings - Excav/Reo/Pour/Cure	8d	22-Sep-23	05-Oct-23	172d
DP-I74-TCS-1060	Signal Works - Zone i74/75 - Install Poles, Cables and Lanterns	6d	05-Oct-23	13-Oct-23	199d
DP-I74-TCS-1080	Signal Works - Zone i74/75 - Install Traffic Detector Loops and Cables (Nights)	6d	16-Oct-23	23-Oct-23	199d
DP-I74-TCS-1100	Signal Works - Zone i74/75 - Install TCS Cabinets	1d	23-Oct-23	24-Oct-23	199d
DP-I74-TCS-1120	Signal Works - Zone i74/75 - Install LRV Personality	1d	24-Oct-23	26-Oct-23	199d
DP-I74-TCS-1000	Signal Works - Zone i74/75 - Install Pits and Conduits	3d	10-Jan-24	13-Jan-24	86d
Traction Power & Overhead Line		275d	11-Jul-23	14-Oct-24	16d
CSR Cabling		275d	11-Jul-23	14-Oct-24	16d
Structure-to-Track		159d	11-Jul-23	16-Apr-24	115d
DP-2A-BC-1420	North - Traction Power - Zone 2A - Bond and Test Structure to Rail	1d	11-Jul-23	13-Jul-23	259d
DP-2A-BC-1460	South - Traction Power - Zone 2A - Bond and Test Structure to Rail	1d	15-Apr-24	16-Apr-24	115d
Track-to-Track		159d	11-Jul-23	16-Apr-24	115d
DP-2A-BC-1000	North - Traction Power - Zone 2A - Connect Bond to Studs	1d	11-Jul-23	13-Jul-23	259d
DP-2A-BC-1440	South - Traction Power - Zone 2A - Connect Bond to Studs	1d	15-Apr-24	16-Apr-24	115d
Pit-to-Pit		111d	15-Jan-24	22-Jul-24	71d
DP-2A-HC-1020	North - Traction Power - Zone 2A - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	15-Jan-24	12-Feb-24	137d
DP-2A-HC-1040	North - Traction Power - Zone 2A - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	14d	12-Feb-24	07-Mar-24	153d
DP-2A-HC-1190	South - Traction Power - Zone 2A - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	64d
DP-2A-ST-1000	North - Traction Power - Zone 2A - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	15-Jun-24	82d
DP-2A-HC-1210	South - Traction Power - Zone 2A - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	80d
DP-2A-ST-1040	South - Traction Power - Zone 2A - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	64d

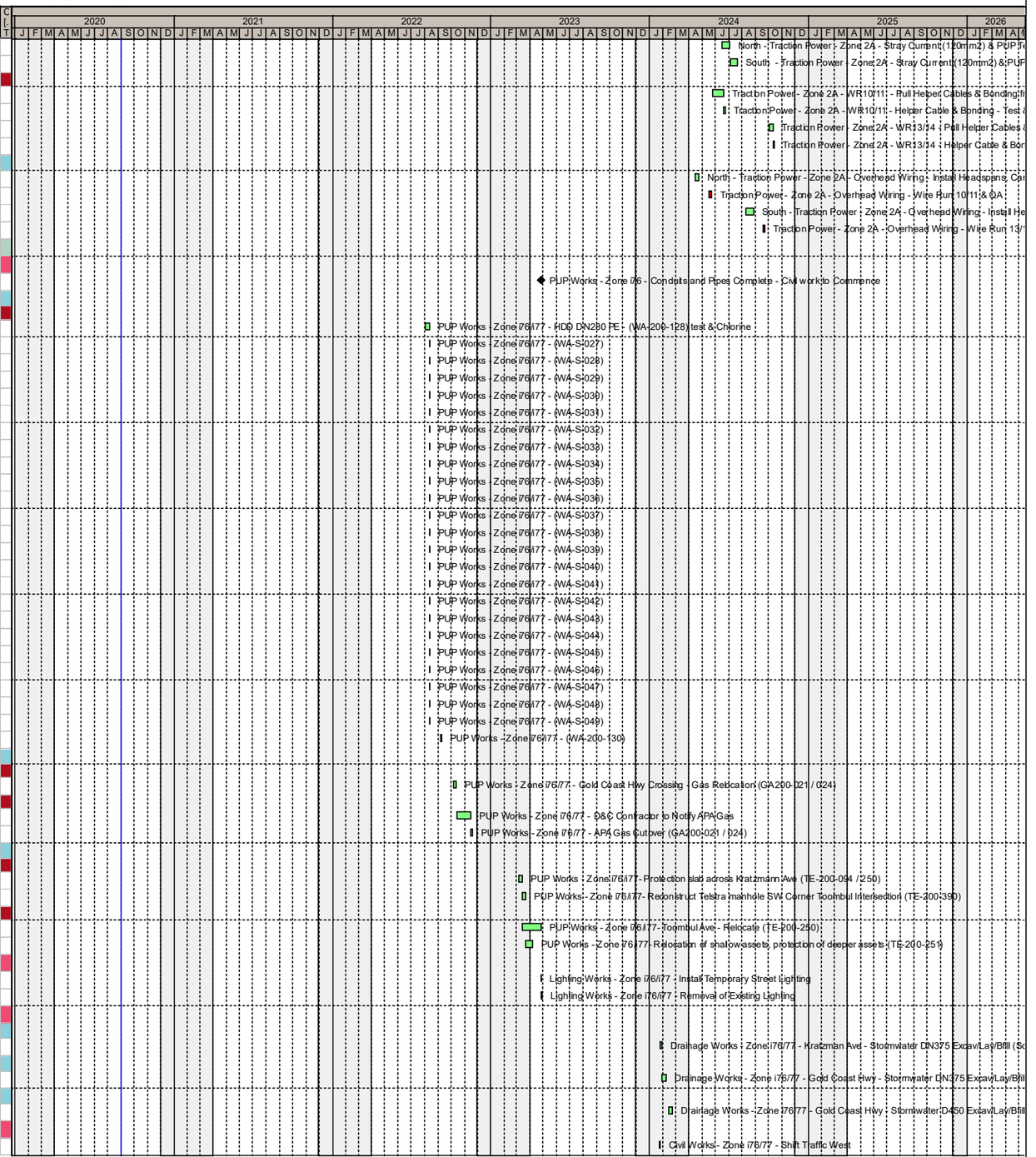


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Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
DP-2A-ST-1020	North - Traction Power - Zone 2A - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	14d	15-Jun-24	04-Jul-24	82d	
DP-2A-ST-1060	South - Traction Power - Zone 2A - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	64d	
Pit-to-OLE		93d	24-May-24	14-Oct-24	9d	
DP-2A-HC-1150	Traction Power - Zone 2A - WR10/11 - Pull Helper Cables & Bonding from Pit to OHL	16d	24-May-24	19-Jun-24	82d	
DP-2A-OH-1300	Traction Power - Zone 2A - WR10/11 - Helper Cable & Bonding - Test & Terminate	4d	19-Jun-24	24-Jun-24	82d	
DP-2A-HC-1170	Traction Power - Zone 2A - WR13/14 - Pull Helper Cables & Bonding from Pit to OHL	4d	03-Oct-24	11-Oct-24	9d	
DP-2A-OH-1320	Traction Power - Zone 2A - WR13/14 - Helper Cable & Bonding - Test & Terminate	2d	11-Oct-24	14-Oct-24	9d	
Overhead Line		104d	15-Apr-24	23-Sep-24	17d	
DP-2A-OH-1120	North - Traction Power - Zone 2A - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	15-Apr-24	24-Apr-24	94d	
DP-2A-OH-1040	Traction Power - Zone 2A - Overhead Wiring - Wire Run 10/11 & QA	4d	17-May-24	22-May-24	84d	
DP-2A-OH-1020	South - Traction Power - Zone 2A - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	10d	09-Aug-24	28-Aug-24	29d	
DP-2A-OH-1100	Traction Power - Zone 2A - Overhead Wiring - Wire Run 13/14 & QA	4d	18-Sep-24	23-Sep-24	17d	
Zone i76/77 Intersection - Med Term Closure - Kratzman & Toombul Ave (Ch 37,967 - 38,005) - 38m		523d	03-Aug-22	23-Sep-24	154d	
Public Utilities Plant Works		174d	03-Aug-22	26-Apr-23	293d	
DP-I76-MS-1000	PUP Works - Zone i76 - Conduits and Pipes Complete - Civil work to Commence	0d		26-Apr-23	291d	
CoGC - Water		23d	03-Aug-22	09-Sep-22	385d	
Water Scope		23d	03-Aug-22	09-Sep-22	385d	
DP-i76/i77-WT-1280	PUP Works - Zone i76/i77 - HDD DN280 PE - (WA-200-128) test & Chlorine	5d	03-Aug-22	12-Aug-22	144d	
DP-i76/i77-WT-S027	PUP Works - Zone i76/i77 - (WA-S-027)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S028	PUP Works - Zone i76/i77 - (WA-S-028)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S029	PUP Works - Zone i76/i77 - (WA-S-029)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S030	PUP Works - Zone i76/i77 - (WA-S-030)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S031	PUP Works - Zone i76/i77 - (WA-S-031)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S032	PUP Works - Zone i76/i77 - (WA-S-032)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S033	PUP Works - Zone i76/i77 - (WA-S-033)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S034	PUP Works - Zone i76/i77 - (WA-S-034)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S035	PUP Works - Zone i76/i77 - (WA-S-035)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S036	PUP Works - Zone i76/i77 - (WA-S-036)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S037	PUP Works - Zone i76/i77 - (WA-S-037)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S038	PUP Works - Zone i76/i77 - (WA-S-038)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S039	PUP Works - Zone i76/i77 - (WA-S-039)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S040	PUP Works - Zone i76/i77 - (WA-S-040)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S041	PUP Works - Zone i76/i77 - (WA-S-041)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S042	PUP Works - Zone i76/i77 - (WA-S-042)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S043	PUP Works - Zone i76/i77 - (WA-S-043)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S044	PUP Works - Zone i76/i77 - (WA-S-044)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S045	PUP Works - Zone i76/i77 - (WA-S-045)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S046	PUP Works - Zone i76/i77 - (WA-S-046)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S047	PUP Works - Zone i76/i77 - (WA-S-047)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S048	PUP Works - Zone i76/i77 - (WA-S-048)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-S049	PUP Works - Zone i76/i77 - (WA-S-049)	1d	12-Aug-22	13-Aug-22	402d	
DP-i76/i77-WT-3170	PUP Works - Zone i76/i77 - (WA-200-130)	1d	08-Sep-22	09-Sep-22	353d	
APA Gas		32d	06-Oct-22	19-Nov-22	390d	
Protect / Relocate		6d	06-Oct-22	13-Oct-22	390d	
DP-I76-GA-2440	PUP Works - Zone i76/i77 - Gold Coast Hwy Crossing - Gas Relocation (GA200-021 / 024)	6d	06-Oct-22	13-Oct-22	390d	
Cutover		23d	14-Oct-22	19-Nov-22	338d	
DP-I76-GA-1180	PUP Works - Zone i76/i77 - D&C Contractor to Notify APA Gas	20d	14-Oct-22	15-Nov-22	338d	
DP-I76-GA-1200	PUP Works - Zone i76/i77 - APA Gas Cutover (GA200-021 / 024)	3d	15-Nov-22	19-Nov-22	338d	
Telstra		27d	06-Mar-23	26-Apr-23	257d	
Trench (D&C Contractor)		10d	06-Mar-23	21-Mar-23	264d	
DP-i76-TLS-1000	PUP Works - Zone i76/i77- Protection slab across Kratzmann Ave (TE-200-094 / 250)	5d	06-Mar-23	14-Mar-23	257d	
DP-i76-TLS-1040	PUP Works - Zone i76/i77- Reconstruct Telstra manhole SW Corner Toombul Intersection (TE-200-390)	5d	14-Mar-23	21-Mar-23	264d	
Relocate Conduits & Cable Pull		22d	14-Mar-23	26-Apr-23	257d	
DP-i76-TLS-1060	PUP Works - Zone i76/i77- Toombul Ave - Relocate (TE-200-250)	22d	14-Mar-23	26-Apr-23	257d	
DP-i76-TLS-1020	PUP Works - Zone i76/i77- Relocation of shallow assets, protection of deeper assets (TE-200-251)	10d	21-Mar-23	06-Apr-23	264d	
Street Lighting Relocations		2d	26-Apr-23	28-Apr-23	291d	
DP-I76-Stl-1000	Lighting Works - Zone i76/i77 - Install Temporary Street Lighting	1d	26-Apr-23	27-Apr-23	291d	
DP-I76-Stl-1020	Lighting Works - Zone i76/i77 - Removal of Existing Lighting	1d	27-Apr-23	28-Apr-23	291d	
Stormwater Drainage		15d	25-Jan-24	22-Feb-24	95d	
Southbound		2d	25-Jan-24	30-Jan-24	95d	
DP-I76-DR-1340	Drainage Works - Zone i76/77 - Kratzman Ave - Stormwater DN375 Excav/Lay/Bfill (Southbound) (>DN600)	2d	25-Jan-24	30-Jan-24	95d	
Kratzman Ave		5d	30-Jan-24	08-Feb-24	95d	
DP-I76-DR-1940	Drainage Works - Zone i76/77 - Gold Coast Hwy - Stormwater DN375 Excav/Lay/Bfill (Kratzman Ave)	5d	30-Jan-24	08-Feb-24	95d	
Northbound		3d	15-Feb-24	22-Feb-24	95d	
DP-I76-DR-1360	Drainage Works - Zone i76/77 - Gold Coast Hwy - Stormwater D450 Excav/Lay/Bfill (Northbound)	3d	15-Feb-24	22-Feb-24	95d	
Civil Works - Finishing Kerbs and Southbound Lanes		15d	24-Jan-24	15-Feb-24	110d	
DP-I76-CW-1520	Civil Works - Zone i76/77 - Shift Traffic West	1d	24-Jan-24	25-Jan-24	111d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DP-I76-CW-1720	Civil Works - Zone i76/77 - Remove existing asphalt and subbase	1d	25-Jan-24	29-Jan-24	98d	
DP-I76-CW-1480	Civil Works - Zone i76/77 - Replace kerb and channel at PUP crossings	3d	29-Jan-24	02-Feb-24	98d	
DP-I76-CW-1740	Civil Works - Zone i76/77 - FRP pedestrian footpath at PUP Crossings	1d	02-Feb-24	05-Feb-24	101d	
DP-I76-CW-2120	Civil Works - Zone i76/77 - Prepare subgrade	1d	08-Feb-24	09-Feb-24	95d	
DP-I76-CW-1620	Civil Works - Zone i76/77 - Place subbase and base course	1d	10-Feb-24	12-Feb-24	95d	
DP-I76-CW-1420	Civil Works - Zone i76/77 - Place asphalt (Incl Primer Seal)	2d	12-Feb-24	14-Feb-24	95d	
DP-I76-CW-1500	Civil Works - Zone i76/77 - Shift Traffic to Kerb and Shoulder Lanes	1d	14-Feb-24	15-Feb-24	110d	
Civil Works - Finishing Kerbs and Northbound Lanes		9d	15-Feb-24	28-Feb-24	108d	
DP-I76-CW-5060	Civil Works - Zone i76/77 - Shift Traffic East	0d		15-Feb-24	110d	
DP-I76-CW-1820	Civil Works - Zone i76/77 - Remove existing asphalt and subbase	1d	15-Feb-24	16-Feb-24	97d	
DP-I76-CW-2140	Civil Works - Zone i76/77 - Replace kerb and channel at PUP crossings	3d	16-Feb-24	23-Feb-24	97d	
DP-I76-CW-1840	Civil Works - Zone i76/77 - Prepare Subgrade	1d	22-Feb-24	23-Feb-24	95d	
DP-I76-CW-1880	Civil Works - Zone i76/77 - Place subbase and base course	1d	23-Feb-24	24-Feb-24	95d	
DP-I76-CW-2160	Civil Works - Zone i76/77 - FRP pedestrian footpath at PUP Crossings	1d	23-Feb-24	24-Feb-24	97d	
DP-I76-CW-1760	Civil Works - Zone i76/77 - Place asphalt (Incl Primer Seal)	2d	24-Feb-24	27-Feb-24	95d	
DP-I76-CW-1780	Civil Works - Zone i76/77 - Shift Traffic to Kerb and Shoulder Lanes	1d	27-Feb-24	28-Feb-24	108d	
Civil Works - Rail Corridor		9d	29-Feb-24	13-Mar-24	136d	
DP-I76-CW-1000	Civil Works - Zone i76/77 - Shift Traffic to Kerb and Shoulder Lanes	0d		29-Feb-24	96d	
DP-I76-CW-2100	Civil Works - Zone i76/77 - Profile central median and asphalt	1d	29-Feb-24	01-Mar-24	96d	
DP-I76-CW-1100	Civil Works - Zone i76/77 - Bulk and Detail excavation	2d	01-Mar-24	05-Mar-24	96d	
DP-I76-CW-1120	Civil Works - Zone i76/77 - Flooding and compact subgrade	1d	05-Mar-24	07-Mar-24	96d	
DP-I76-CW-1140	Civil Works - Zone i76/77 - Install CSR conduits and Pits	1d	07-Mar-24	08-Mar-24	96d	
DP-I76-CW-1160	Civil Works - Zone i76/77 - Place and Compact Type 2.1 Road base	1d	09-Mar-24	11-Mar-24	136d	
DP-I76-CW-1360	Civil Works - Zone i76/77 - Final trim and survey	1d	11-Mar-24	12-Mar-24	136d	
DP-I76-CW-1180	Civil Works - Zone i76/77 - Spray bitumen chip seal	1d	12-Mar-24	13-Mar-24	136d	
Civil Works - Track		3d	13-Mar-24	19-Mar-24	136d	
DP-I76-TW-1000	Track Works - Zone i76/77 - Install/weld rail, Rail Systems Loop and form/reo	1d	13-Mar-24	14-Mar-24	136d	
DP-I76-TW-1020	Track Works - Zone i76/77 - Install OLE foundations	1d	13-Mar-24	14-Mar-24	136d	
DP-I76-TW-1040	Track Works - Zone i76/77 - Perform electrical continuity testing/hold points	1d	14-Mar-24	15-Mar-24	136d	
DP-I76-TW-1080	Track Works - Zone i76/77 - Pour concrete and complete finishes	1d	15-Mar-24	19-Mar-24	136d	
Civil Works - Reinstate Track Verge		3d	19-Mar-24	23-Mar-24	136d	
DP-I76-CW-1200	Civil Works - Zone i76/77 - Place and Compact Type 2.1 Road Base	1d	19-Mar-24	21-Mar-24	136d	
DP-I76-CW-1700	Civil Works - Zone i76/77 - Place asphalt (Incl Primer Seal)	2d	21-Mar-24	23-Mar-24	136d	
Civil Works - Finishing		72d	23-Mar-24	23-Jul-24	168d	
DP-I76-CW-5020	Civil Works - Zone i76 - Finishing - Final Asphalt Wearing Course	1d	23-Mar-24	25-Mar-24	237d	
DP-I76-CW-5040	Civil Works - Zone i76 - Finishing - Pavement Marking	2d	19-Jul-24	23-Jul-24	168d	
Traffic Control Systems (TCS)		12d	23-Feb-24	12-Mar-24	134d	
DP-I76-TCS-1040	Signal Works - Zone i76/77 - Footings - Excav/Reo/Pour/Cure	4d	23-Feb-24	29-Feb-24	100d	
DP-I76-TCS-1060	Signal Works - Zone i76/77 - Install Poles, Cables and Lanterns	3d	29-Feb-24	05-Mar-24	132d	
DP-I76-TCS-1080	Signal Works - Zone i76/77 - Install Traffic Detector Loops and Cables (Nights)	3d	05-Mar-24	09-Mar-24	132d	
DP-I76-TCS-1000	Signal Works - Zone i76/77 - Install Pits and Conduits	2d	07-Mar-24	09-Mar-24	136d	
DP-I76-TCS-1100	Signal Works - Zone i76/77 - Install TCS Cabinets	1d	09-Mar-24	11-Mar-24	132d	
DP-I76-TCS-1120	Signal Works - Zone i76/77 - Install LRV Personality	1d	11-Mar-24	12-Mar-24	132d	
Traction Power & Overhead Line		112d	23-Mar-24	23-Sep-24	43d	
CSR Cabling		71d	23-Mar-24	22-Jul-24	79d	
Track-to-Track		1d	23-Mar-24	25-Mar-24	149d	
DP-I76/77-BC-1020	Traction Power - Zone i76/i77 - Connect Bond to Studs	1d	23-Mar-24	25-Mar-24	149d	
Pit-to-Pit		41d	21-May-24	22-Jul-24	64d	
DP-MS-S-PULL-2000	Commence Cabling (South)	0d	21-May-24		62d	
DP-I76/I77-HC-1020	Traction Power - Zone i76/i77 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	64d	
DP-I76/I77-HC-1040	Traction Power - Zone i76/i77 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	80d	
DP-I76/I77-ST-1000	Traction Power - Zone i76/i77 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	64d	
DP-I76/I77-ST-1020	Traction Power - Zone i76/i77 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	64d	
Overhead Line		4d	18-Sep-24	23-Sep-24	43d	
DP-I76/I77-OH-1040	Traction Power - Zone i76/i77 - Overhead Wiring - Wire Run 13/14 & QA	4d	18-Sep-24	23-Sep-24	43d	
Zone 2B (Ch 38,005 - 38,175) - 170m		546d	03-Aug-22	25-Oct-24	131d	
Public Utilities Plant Works		238d	03-Aug-22	26-Jul-23	261d	
DP-2B-MS-1000	PUP Works - Zone 2B - Conduits and Pipes Complete - Civil work to Commence	0d		24-Apr-23	59d	
CoGC - Water		20d	12-Aug-22	12-Sep-22	144d	
Water Scope		20d	12-Aug-22	12-Sep-22	144d	
DP-2B-WT-1000	PUP Works - Zone 2B - (WA-200-131)	3d	12-Aug-22	16-Aug-22	161d	
DP-2B-WT-1010	PUP Works - Zone 2B - (WA-200-129, WA-200-134) - DN250 - Install DICL - Excav/Lay/Bfill 134 test Chlorine 129	20d	12-Aug-22	12-Sep-22	144d	
CoGC - Sewer		8d	03-Aug-22	16-Aug-22	161d	
DP-2B-SW-1000	PUP Works - Zone 2B - Sewer Pipe Reline (SE-200-98 to 99)	8d	03-Aug-22	16-Aug-22	161d	
Energex		108d	20-Feb-23	26-Jul-23	261d	
Pre-Works		1d	20-Feb-23	21-Feb-23	101d	

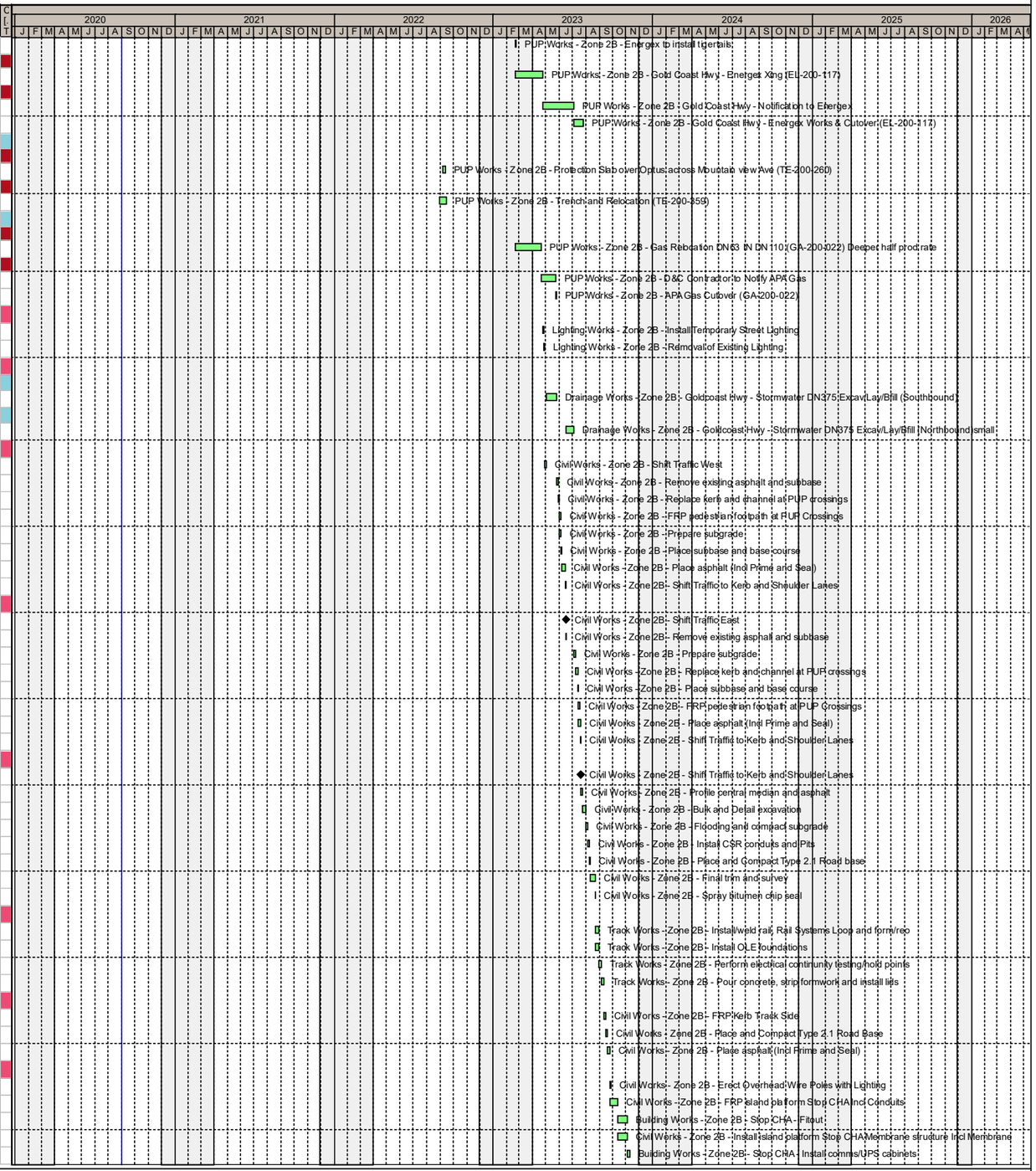


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2B-EG-1140	PUP Works - Zone 2B - Energex to install tigertails	1d	20-Feb-23	21-Feb-23	101d
Conduits & Pits		34d	20-Feb-23	24-Apr-23	55d
DP-2B-EG-1030	PUP Works - Zone 2B - Gold Coast Hwy - Energex Xing (EL-200-117)	34d	20-Feb-23	24-Apr-23	55d
Energex Works		65d	24-Apr-23	26-Jul-23	261d
DP-2B-EG-2000	PUP Works - Zone 2B - Gold Coast Hwy - Notification to Energex	50d	24-Apr-23	05-Jul-23	261d
DP-2B-EG-2010	PUP Works - Zone 2B - Gold Coast Hwy - Energex Works & Cutover (EL-200-117)	15d	05-Jul-23	26-Jul-23	261d
Telstra		10d	31-Aug-22	15-Sep-22	176d
Trench (D&C Contractor)		5d	07-Sep-22	13-Sep-22	177d
DP-2B-TLS-1080	PUP Works - Zone 2B - Protection Slab over Optus across Mountain view Ave (TE-200-260)	5d	07-Sep-22	13-Sep-22	177d
Relocate Conduits & Cable Pull		10d	31-Aug-22	15-Sep-22	176d
DP-2B-TLS-1100	PUP Works - Zone 2B - Trench and Relocation (TE-200-359)	10d	31-Aug-22	15-Sep-22	176d
APA Gas		65d	20-Feb-23	26-May-23	73d
Protect / Relocate		32d	20-Feb-23	21-Apr-23	57d
DP-2B-GA-1000	PUP Works - Zone 2B - Gas Relocation DN63 IN DN110 (GA-200-022) Deeper half prod rate	32d	20-Feb-23	21-Apr-23	57d
Cutover		23d	21-Apr-23	26-May-23	73d
DP-2B-GA-1140	PUP Works - Zone 2B - D&C Contractor to Notify APA Gas	20d	21-Apr-23	23-May-23	73d
DP-2B-GA-1160	PUP Works - Zone 2B - APA Gas Cutover (GA-200-022)	3d	23-May-23	26-May-23	73d
Street Lighting Relocations		3d	24-Apr-23	28-Apr-23	59d
DP-2B-Stl-1000	Lighting Works - Zone 2B - Install Temporary Street Lighting	1d	24-Apr-23	26-Apr-23	59d
DP-2B-Stl-1020	Lighting Works - Zone 2B - Removal of Existing Lighting	2d	26-Apr-23	28-Apr-23	59d
Stormwater Drainage		42d	02-May-23	05-Jul-23	55d
Southbound		15d	02-May-23	25-May-23	55d
DP-2B-DR-1380	Drainage Works - Zone 2B - Goldcoast Hwy - Stormwater DN375 Excav/Lay/Bfill (Southbound)	15d	02-May-23	25-May-23	55d
Northbound		12d	16-Jun-23	05-Jul-23	55d
DP-2B-DR-1400	Drainage Works - Zone 2B - Goldcoast Hwy - Stormwater DN375 Excav/Lay/Bfill (Northbound)small	12d	16-Jun-23	05-Jul-23	55d
Civil Works - Finishing Kerbs and Southbound Lanes		34d	28-Apr-23	16-Jun-23	59d
DP-2B-CW-1520	Civil Works - Zone 2B - Shift Traffic West	1d	28-Apr-23	02-May-23	59d
DP-2B-CW-1720	Civil Works - Zone 2B - Remove existing asphalt and subbase	2d	25-May-23	29-May-23	55d
DP-2B-CW-1480	Civil Works - Zone 2B - Replace kerb and channel at PUP crossings	3d	29-May-23	01-Jun-23	55d
DP-2B-CW-1740	Civil Works - Zone 2B - FRP pedestrian footpath at PUP Crossings	3d	01-Jun-23	05-Jun-23	61d
DP-2B-CW-2120	Civil Works - Zone 2B - Prepare subgrade	3d	01-Jun-23	05-Jun-23	55d
DP-2B-CW-1620	Civil Works - Zone 2B - Place subbase and base course	1d	05-Jun-23	06-Jun-23	60d
DP-2B-CW-1420	Civil Works - Zone 2B - Place asphalt (Incl Prime and Seal)	5d	06-Jun-23	15-Jun-23	55d
DP-2B-CW-1500	Civil Works - Zone 2B - Shift Traffic to Kerb and Shoulder Lanes	1d	15-Jun-23	16-Jun-23	59d
Civil Works - Finishing Kerbs and Northbound Lanes		24d	16-Jun-23	20-Jul-23	61d
DP-2B-CW-1800	Civil Works - Zone 2B - Shift Traffic East	0d		16-Jun-23	59d
DP-2B-CW-1820	Civil Works - Zone 2B - Remove existing asphalt and subbase	1d	16-Jun-23	17-Jun-23	66d
DP-2B-CW-1840	Civil Works - Zone 2B - Prepare subgrade	3d	05-Jul-23	08-Jul-23	55d
DP-2B-CW-1860	Civil Works - Zone 2B - Replace kerb and channel at PUP crossings	3d	08-Jul-23	13-Jul-23	55d
DP-2B-CW-1880	Civil Works - Zone 2B - Place subbase and base course	1d	13-Jul-23	14-Jul-23	59d
DP-2B-CW-174	Civil Works - Zone 2B - FRP pedestrian footpath at PUP Crossings	3d	13-Jul-23	17-Jul-23	58d
DP-2B-CW-1760	Civil Works - Zone 2B - Place asphalt (Incl Prime and Seal)	4d	14-Jul-23	19-Jul-23	56d
DP-2B-CW-1780	Civil Works - Zone 2B - Shift Traffic to Kerb and Shoulder Lanes	1d	20-Jul-23	20-Jul-23	61d
Civil Works - Rail Corridor		21d	20-Jul-23	23-Aug-23	56d
DP-2B-CW-1000	Civil Works - Zone 2B - Shift Traffic to Kerb and Shoulder Lanes	0d		20-Jul-23	56d
DP-2B-CW-210	Civil Works - Zone 2B - Profile central median and asphalt	1d	21-Jul-23	24-Jul-23	56d
DP-2B-CW-1100	Civil Works - Zone 2B - Bulk and Detail excavation	6d	24-Jul-23	31-Jul-23	56d
DP-2B-CW-1120	Civil Works - Zone 2B - Flooding and compact subgrade	4d	31-Jul-23	04-Aug-23	56d
DP-2B-CW-1140	Civil Works - Zone 2B - Install CSR conduits and Pits	2d	04-Aug-23	08-Aug-23	56d
DP-2B-CW-1160	Civil Works - Zone 2B - Place and Compact Type 2.1 Road base	3d	08-Aug-23	11-Aug-23	56d
DP-2B-CW-1360	Civil Works - Zone 2B - Final trim and survey	4d	11-Aug-23	22-Aug-23	56d
DP-2B-CW-1180	Civil Works - Zone 2B - Spray bitumen chip seal	1d	22-Aug-23	23-Aug-23	56d
Civil Works - Track		12d	23-Aug-23	11-Sep-23	56d
DP-2B-TW-1000	Track Works - Zone 2B - Install/weld rail, Rail Systems Loop and form/reo	5d	23-Aug-23	31-Aug-23	56d
DP-2B-TW-1020	Track Works - Zone 2B - Install OLE foundations	5d	23-Aug-23	31-Aug-23	56d
DP-2B-TW-1040	Track Works - Zone 2B - Perform electrical continunity testing/hold points	2d	31-Aug-23	05-Sep-23	56d
DP-2B-TW-1080	Track Works - Zone 2B - Pour concrete, strip formwork and install lids	5d	05-Sep-23	11-Sep-23	56d
Civil Works - Reinstate Track Verge		10d	11-Sep-23	26-Sep-23	56d
DP-2B-CW-2180	Civil Works - Zone 2B - FRP Kerb Track Side	3d	11-Sep-23	15-Sep-23	56d
DP-2B-CW-1200	Civil Works - Zone 2B - Place and Compact Type 2.1 Road Base	2d	15-Sep-23	19-Sep-23	56d
DP-2B-CW-1700	Civil Works - Zone 2B - Place asphalt (Incl Prime and Seal)	5d	20-Sep-23	26-Sep-23	56d
Civil Works - System Fitout		47d	26-Sep-23	01-Dec-23	172d
DP-2B-CW-1660	Civil Works - Zone 2B - Erect Overhead Wire Poles with Lighting	1d	26-Sep-23	27-Sep-23	188d
DP-2B-CW-1680	Civil Works - Zone 2B - FRP island platform Stop CHA Incl Conduits	10d	26-Sep-23	12-Oct-23	145d
DP-2B-BW-2040	Building Works - Zone 2B - Stop CHA - Fitout	15d	12-Oct-23	03-Nov-23	150d
DP-2B-CW-1900	Civil Works - Zone 2B - Install island platform Stop CHA Membrane structure Incl Membrane	15d	12-Oct-23	03-Nov-23	145d
DP-2B-BW-2060	Building Works - Zone 2B - Stop CHA - Install comms/UPS cabinets	1d	03-Nov-23	09-Nov-23	149d



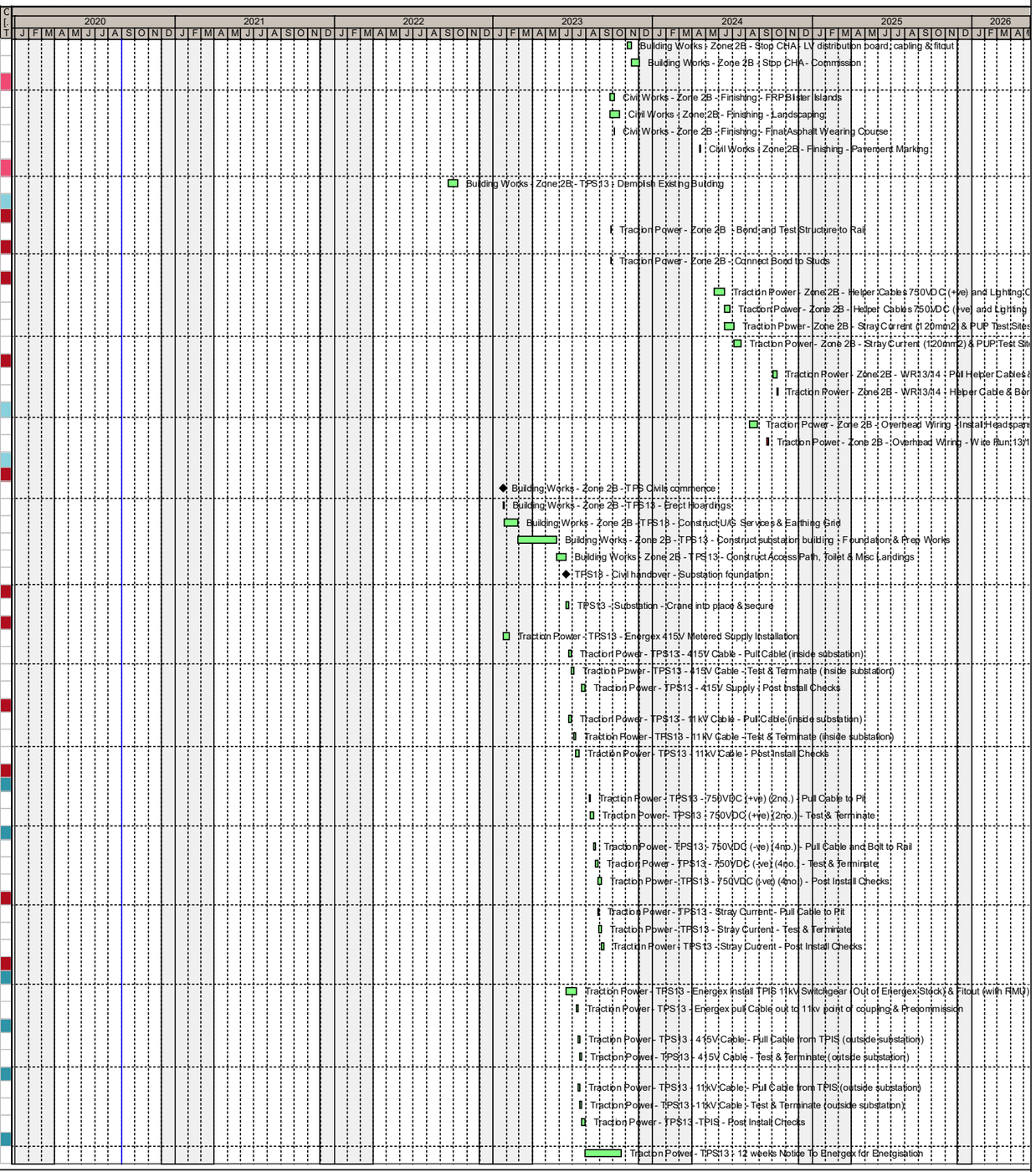
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2B-BW-2080	Building Works - Zone 2B - Stop CHA - LV distribution board, cabling & fitout	5d	03-Nov-23	14-Nov-23	145d
DP-2B-BW-1100	Building Works - Zone 2B - Stop CHA - Commission	10d	14-Nov-23	01-Dec-23	145d
Civil Works - Finishing		112d	26-Sep-23	20-Apr-24	227d
DP-2B-CW-5000	Civil Works - Zone 2B - Finishing - FRP Blister Islands	4d	26-Sep-23	04-Oct-23	290d
DP-2B-CW-5060	Civil Works - Zone 2B - Finishing - Landscaping	12d	26-Sep-23	16-Oct-23	327d
DP-2B-CW-5020	Civil Works - Zone 2B - Finishing - Final Asphalt Wearing Course	1d	04-Oct-23	05-Oct-23	290d
DP-2B-CW-5040	Civil Works - Zone 2B - Finishing - Pavement Marking	2d	18-Apr-24	20-Apr-24	185d
Traction Power & Overhead Line		514d	19-Sep-22	25-Oct-24	4d
DP-2B-BW-2100	Building Works - Zone 2B - TPS13 - Demolish Existing Building	15d	19-Sep-22	11-Oct-22	113d
CSR Cabling		224d	27-Sep-23	14-Oct-24	9d
Structure-to-Track		1d	27-Sep-23	28-Sep-23	222d
DP-2B-BC-1460	Traction Power - Zone 2B - Bond and Test Structure to Rail	1d	27-Sep-23	28-Sep-23	222d
Track-to-Track		1d	27-Sep-23	28-Sep-23	222d
DP-2B-BC-1000	Traction Power - Zone 2B - Connect Bond to Studs	1d	27-Sep-23	28-Sep-23	222d
Pit-to-Pit		41d	21-May-24	22-Jul-24	64d
DP-2B-HC-1020	Traction Power - Zone 2B - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	64d
DP-2B-HC-1460	Traction Power - Zone 2B - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	80d
DP-2B-ST-1000	Traction Power - Zone 2B - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	64d
DP-2B-ST-2220	Traction Power - Zone 2B - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	64d
Pit-to-OLE		6d	03-Oct-24	14-Oct-24	9d
DP-2B-HC-1210	Traction Power - Zone 2B - WR13/14 - Pull Helper Cables & Bonding from Pit to OHL	4d	03-Oct-24	11-Oct-24	9d
DP-2B-HC-1420	Traction Power - Zone 2B - WR13/14 - Helper Cable & Bonding - Test & Terminate	2d	11-Oct-24	14-Oct-24	9d
Overhead Line		26d	09-Aug-24	23-Sep-24	17d
DP-2B-OH-1020	Traction Power - Zone 2B - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	10d	09-Aug-24	28-Aug-24	29d
DP-2B-OH-1040	Traction Power - Zone 2B - Overhead Wiring - Wire Run 13/14 & QA	4d	18-Sep-24	23-Sep-24	17d
TPS13 - Christine Avenue (Ch 38190)		435d	23-Jan-23	25-Oct-24	4d
TPS13 Structure		100d	23-Jan-23	17-Jun-23	66d
DP-2B-CW-1960	Building Works - Zone 2B - TPS Civils commence	0d	23-Jan-23		73d
DP-2B-BW-1000	Building Works - Zone 2B - TPS13 - Erect Hoardings	2d	23-Jan-23	25-Jan-23	61d
DP-2B-BW-1040	Building Works - Zone 2B - TPS13 - Construct U/G Services & Earthing Grid	20d	25-Jan-23	25-Feb-23	61d
DP-2B-BW-1060	Building Works - Zone 2B - TPS13 - Construct substation building - Foundation & Prep Works	50d	25-Feb-23	25-May-23	61d
DP-2B-BW-1080	Building Works - Zone 2B - TPS13 - Construct Access Path, Toilet & Misc Landings	15d	25-May-23	17-Jun-23	61d
DP-2B-SS-1000	TPS13 - Civil handover - Substation foundation	0d	17-Jun-23		61d
TPS13 Substation		5d	17-Jun-23	23-Jun-23	74d
DP-2B-SS-1020	TPS13 - Substation - Crane into place & secure	5d	17-Jun-23	23-Jun-23	74d
LV Cabling (415V)		116d	23-Jan-23	29-Jul-23	61d
DP-2B-SS-2230	Traction Power - TPS13 - Energex 415V Metered Supply Installation	10d	23-Jan-23	06-Feb-23	162d
DP-2B-SS-1520	Traction Power - TPS13 - 415V Cable - Pull Cable (inside substation)	3d	23-Jun-23	28-Jun-23	74d
DP-2B-SS-1580	Traction Power - TPS13 - 415V Cable - Test & Terminate (inside substation)	3d	29-Jun-23	05-Jul-23	74d
DP-2B-SS-2250	Traction Power - TPS13 - 415V Supply - Post Install Checks	5d	21-Jul-23	29-Jul-23	61d
HV Cabling (11kV)		14d	23-Jun-23	15-Jul-23	228d
DP-2B-SS-1600	Traction Power - TPS13 - 11kV Cable - Pull Cable (inside substation)	3d	23-Jun-23	28-Jun-23	231d
DP-2B-SS-1620	Traction Power - TPS13 - 11kV Cable - Test & Terminate (inside substation)	3d	05-Jul-23	08-Jul-23	228d
DP-2B-SS-2180	Traction Power - TPS13 - 11kV Cable - Post Install Checks	5d	08-Jul-23	15-Jul-23	228d
Traction Cabling		16d	08-Aug-23	06-Sep-23	245d
750VDC (+ve)		5d	08-Aug-23	18-Aug-23	240d
DP-2B-SS-1680	Traction Power - TPS13 - 750VDC (+ve) (2no.) - Pull Cable to Pit	2d	08-Aug-23	10-Aug-23	240d
DP-2B-SS-1700	Traction Power - TPS13 - 750VDC (+ve) (2no.) - Test & Terminate	3d	10-Aug-23	18-Aug-23	240d
750VDC (-ve)		11d	18-Aug-23	06-Sep-23	245d
DP-2B-SS-1720	Traction Power - TPS13 - 750VDC (-ve) (4no.) - Pull Cable and Bolt to Rail	3d	18-Aug-23	23-Aug-23	240d
DP-2B-SS-1740	Traction Power - TPS13 - 750VDC (-ve) (4no.) - Test & Terminate	3d	23-Aug-23	29-Aug-23	240d
DP-2B-SS-2200	Traction Power - TPS13 - 750VDC (-ve) (4no.) - Post Install Checks	5d	29-Aug-23	06-Sep-23	245d
Stray Current Cabling		10d	29-Aug-23	12-Sep-23	240d
DP-2B-ST-2160	Traction Power - TPS13 - Stray Current - Pull Cable to Pit	2d	29-Aug-23	31-Aug-23	240d
DP-2B-ST-2180	Traction Power - TPS13 - Stray Current - Test & Terminate	3d	31-Aug-23	06-Sep-23	240d
DP-2B-ST-2240	Traction Power - TPS13 - Stray Current - Post Install Checks	5d	06-Sep-23	12-Sep-23	240d
Energex		88d	17-Jun-23	21-Oct-23	83d
TPIS Install		18d	17-Jun-23	14-Jul-23	61d
DP-2B-SS-1540	Traction Power - TPS13 - Energex Install TPIS 11kV Switchgear (Out of Energex Stock) & Fitout (with RMU)	15d	17-Jun-23	10-Jul-23	61d
DP-2B-SS-1640	Traction Power - TPS13 - Energex pull Cable out to 11kv point of coupling & Precommission	3d	10-Jul-23	14-Jul-23	61d
LV Cabling (415V)		6d	14-Jul-23	21-Jul-23	61d
DP-2B-SS-1900	Traction Power - TPS13 - 415V Cable - Pull Cable from TPIS (outside substation)	3d	14-Jul-23	18-Jul-23	61d
DP-2B-SS-1920	Traction Power - TPS13 - 415V Cable - Test & Terminate (outside substation)	3d	18-Jul-23	21-Jul-23	61d
HV Cabling (11kV)		11d	14-Jul-23	29-Jul-23	82d
DP-2B-SS-1940	Traction Power - TPS13 - 11kV Cable - Pull Cable from TPIS (outside substation)	3d	14-Jul-23	18-Jul-23	82d
DP-2B-SS-1960	Traction Power - TPS13 -11kV Cable - Test & Terminate (outside substation)	3d	18-Jul-23	21-Jul-23	82d
DP-2B-SS-2220	Traction Power - TPS13 -TPIS - Post Install Checks	5d	21-Jul-23	29-Jul-23	82d
Energex Notification for Energisation		84d	29-Jul-23	21-Oct-23	132d
DP-2B-SS-2360	Traction Power - TPS13 - 12 weeks Notice To Energex for Energisation	84d	29-Jul-23	21-Oct-23	132d



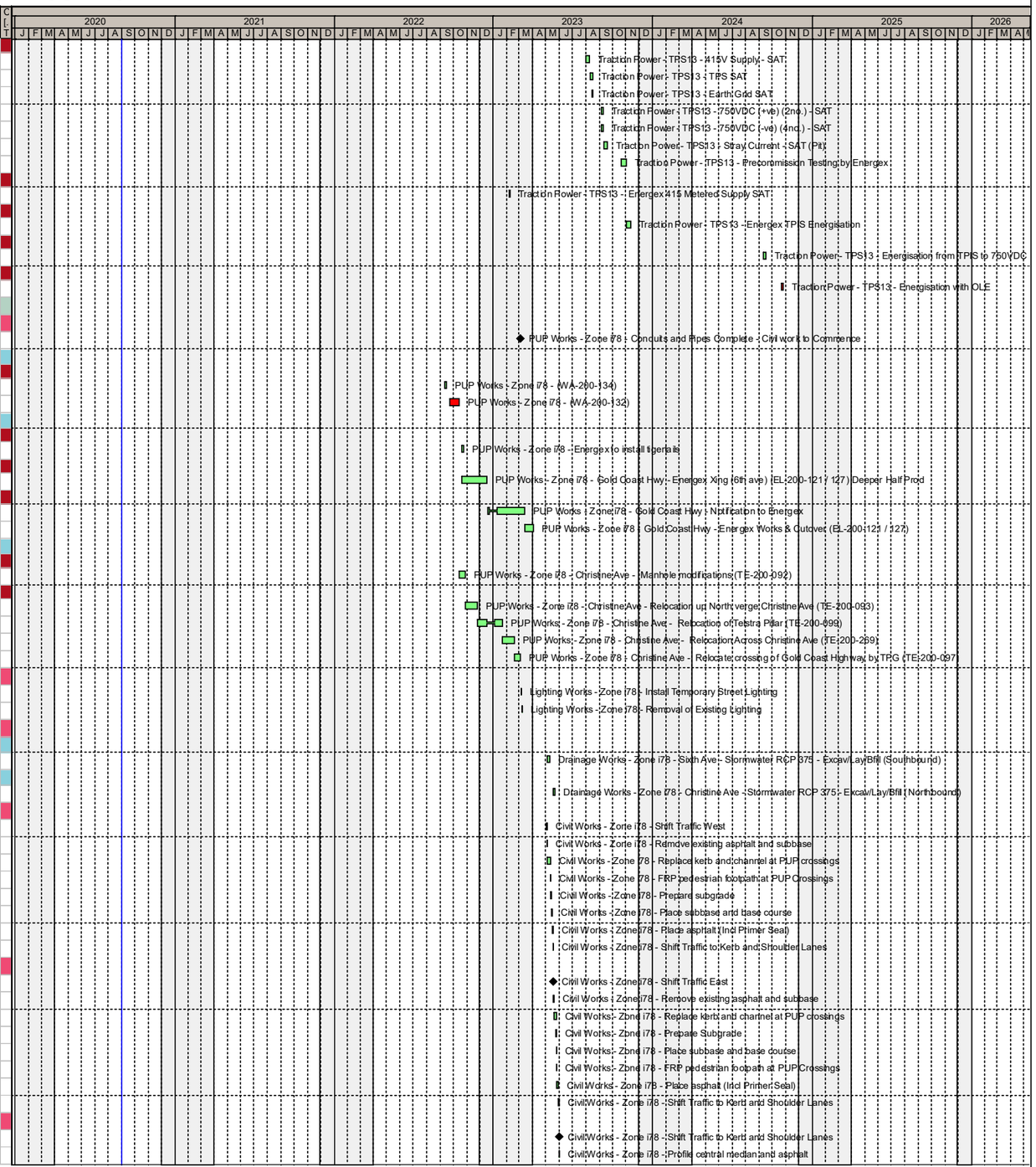
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
SAT		67d	31-Jul-23	02-Nov-23	240d
DP-2B-SS-1780	Traction Power - TPS13 - 415V Supply - SAT	8d	31-Jul-23	09-Aug-23	66d
DP-2B-SS-1800	Traction Power - TPS13 - TPS SAT	6d	10-Aug-23	17-Aug-23	240d
DP-2B-SS-2240	Traction Power - TPS13 - Earth Grid SAT	3d	15-Aug-23	17-Aug-23	289d
DP-2B-SS-1820	Traction Power - TPS13 - 750VDC (+ve) (2no.) - SAT	3d	06-Sep-23	09-Sep-23	245d
DP-2B-SS-1840	Traction Power - TPS13 - 750VDC (-ve) (4no.) - SAT	3d	06-Sep-23	09-Sep-23	245d
DP-2B-ST-2200	Traction Power - TPS13 - Stray Current - SAT (Pit)	3d	12-Sep-23	18-Sep-23	240d
DP-2B-SS-1660	Traction Power - TPS13 - Precommission Testing by Energex	8d	21-Oct-23	02-Nov-23	69d
Energex 415V Metered Supply SAT		1d	06-Feb-23	07-Feb-23	166d
DP-2B-SS-2160	Traction Power - TPS13 - Energex 415 Metered Supply SAT	1d	06-Feb-23	07-Feb-23	166d
TPIS Energisation		4d	02-Nov-23	11-Nov-23	69d
DP-2B-SS-2120	Traction Power - TPS13 - Energex TPIS Energisation	4d	02-Nov-23	11-Nov-23	69d
Energisation from TPIS to 750VDC		3d	10-Sep-24	16-Sep-24	29d
DP-2B-SS-2140	Traction Power - TPS13 - Energisation from TPIS to 750VDC Switchboard	3d	10-Sep-24	16-Sep-24	29d
Energisation with OLE		2d	23-Oct-24	25-Oct-24	3d
DP-2B-SS-2020	Traction Power - TPS13 - Energisation with OLE	2d	23-Oct-24	25-Oct-24	3d
Zone i78 Intersection - Med Term Closure - Christine & Sixth Ave (Ch 38,175 - 38,235) - 60m		496d	12-Sep-22	23-Sep-24	103d
Public Utilities Plant Works		134d	12-Sep-22	03-Apr-23	338d
DP-I78-MS-1000	PUP Works - Zone i78 - Conduits and Pipes Complete - Civil work to Commence	0d		03-Mar-23	330d
CoGC - Water		22d	12-Sep-22	14-Oct-22	257d
Water Scope		22d	12-Sep-22	14-Oct-22	257d
DP-I78-WT-1020	PUP Works - Zone i78 - (WA-200-134)	2d	12-Sep-22	15-Sep-22	276d
DP-I78-WT-1010	PUP Works - Zone i78 - (WA-200-132)	13d	23-Sep-22	14-Oct-22	3d
Energex		106d	21-Oct-22	03-Apr-23	338d
Pre-Works		1d	21-Oct-22	24-Oct-22	378d
DP-I78-EG-1240	PUP Works - Zone i78 - Energex to install tigertails	1d	21-Oct-22	24-Oct-22	378d
Conduits & Pits		34d	21-Oct-22	16-Dec-22	75d
DP-I78-EG-1000	PUP Works - Zone i78 - Gold Coast Hwy - Energex Xing (6th ave) (EL-200-121 / 127) Deeper Half Prod	34d	21-Oct-22	16-Dec-22	75d
Energex Works		65d	19-Dec-22	03-Apr-23	338d
DP-I78-EG-2000	PUP Works - Zone i78 - Gold Coast Hwy - Notification to Energex	50d	19-Dec-22	13-Mar-23	338d
DP-I78-EG-2010	PUP Works - Zone i78 - Gold Coast Hwy - Energex Works & Cutover (EL-200-121 / 127)	15d	14-Mar-23	03-Apr-23	338d
Telstra		76d	15-Oct-22	03-Mar-23	257d
Trench (D&C Contractor)		10d	15-Oct-22	29-Oct-22	257d
DP-I78-TLS-1520	PUP Works - Zone i78 - Christine Ave - Manhole modifications (TE-200-092)	10d	15-Oct-22	29-Oct-22	257d
Relocate Conduits & Cable Pull		66d	29-Oct-22	03-Mar-23	257d
DP-I78-TLS-1460	PUP Works - Zone i78 - Christine Ave - Relocation up North verge Christine Ave (TE-200-093)	17d	29-Oct-22	25-Nov-22	257d
DP-I78-TLS-1480	PUP Works - Zone i78 - Christine Ave - Relocation of Telstra Pillar (TE-200-099)	22d	25-Nov-22	21-Jan-23	257d
DP-I78-TLS-1500	PUP Works - Zone i78 - Christine Ave - Relocation Across Christine Ave (TE-200-269)	17d	21-Jan-23	17-Feb-23	257d
DP-I78-TLS-1540	PUP Works - Zone i78 - Christine Ave - Relocate crossing of Gold Coast Highway by TPG (TE-200-097)	10d	17-Feb-23	03-Mar-23	257d
Street Lighting Relocations		2d	06-Mar-23	07-Mar-23	330d
DP-I78-Stl-1000	Lighting Works - Zone i78 - Install Temporary Street Lighting	1d	06-Mar-23	06-Mar-23	330d
DP-I78-Stl-1020	Lighting Works - Zone i78 - Removal of Existing Lighting	1d	07-Mar-23	07-Mar-23	330d
Stormwater Drainage		13d	03-May-23	22-May-23	260d
Southbound		3d	03-May-23	09-May-23	261d
DP-I78-DR-1420	Drainage Works - Zone i78 - Sixth Ave - Stormwater RCP 375 - Excav/Lay/Bfill (Southbound)	3d	03-May-23	09-May-23	261d
Northbound		3d	18-May-23	22-May-23	260d
DP-I78-DR-1440	Drainage Works - Zone i78 - Christine Ave - Stormwater RCP 375 - Excav/Lay/Bfill (Northbound)	3d	18-May-23	22-May-23	260d
Civil Works - Finishing Kerbs and Southbound Lanes		12d	02-May-23	18-May-23	294d
DP-I78-CW-1520	Civil Works - Zone i78 - Shift Traffic West	1d	02-May-23	03-May-23	294d
DP-I78-CW-1720	Civil Works - Zone i78 - Remove existing asphalt and subbase	1d	03-May-23	04-May-23	260d
DP-I78-CW-1480	Civil Works - Zone i78 - Replace kerb and channel at PUP crossings	3d	04-May-23	11-May-23	260d
DP-I78-CW-1740	Civil Works - Zone i78 - FRP pedestrian footpath at PUP Crossings	1d	11-May-23	12-May-23	264d
DP-I78-CW-2120	Civil Works - Zone i78 - Prepare subgrade	2d	11-May-23	13-May-23	260d
DP-I78-CW-1620	Civil Works - Zone i78 - Place subbase and base course	1d	13-May-23	15-May-23	260d
DP-I78-CW-1420	Civil Works - Zone i78 - Place asphalt (Incl Primer Seal)	2d	15-May-23	17-May-23	260d
DP-I78-CW-1500	Civil Works - Zone i78 - Shift Traffic to Kerb and Shoulder Lanes	1d	17-May-23	18-May-23	294d
Civil Works - Finishing Kerbs and Northbound Lanes		8d	18-May-23	31-May-23	292d
DP-I78-CW-1800	Civil Works - Zone i78 - Shift Traffic East	0d		18-May-23	294d
DP-I78-CW-1820	Civil Works - Zone i78 - Remove existing asphalt and subbase	1d	18-May-23	19-May-23	262d
DP-I78-CW-2140	Civil Works - Zone i78 - Replace kerb and channel at PUP crossings	3d	19-May-23	25-May-23	262d
DP-I78-CW-1840	Civil Works - Zone i78 - Prepare Subgrade	1d	23-May-23	25-May-23	260d
DP-I78-CW-1880	Civil Works - Zone i78 - Place subbase and base course	1d	25-May-23	26-May-23	260d
DP-I78-CW-2160	Civil Works - Zone i78 - FRP pedestrian footpath at PUP Crossings	1d	25-May-23	26-May-23	262d
DP-I78-CW-1760	Civil Works - Zone i78 - Place asphalt (Incl Primer Seal)	2d	26-May-23	30-May-23	260d
DP-I78-CW-1780	Civil Works - Zone i78 - Shift Traffic to Kerb and Shoulder Lanes	1d	30-May-23	31-May-23	292d
Civil Works - Rail Corridor		8d	31-May-23	09-Jun-23	260d
DP-I78-CW-1000	Civil Works - Zone i78 - Shift Traffic to Kerb and Shoulder Lanes	0d		31-May-23	260d
DP-I78-CW-2100	Civil Works - Zone i78 - Profile central median and asphalt	1d	31-May-23	01-Jun-23	260d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C [illegible] T
DP-I78-CW-1100	Civil Works - Zone i78 - Bulk and Detail excavation	2d	01-Jun-23	03-Jun-23	260d	
DP-I78-CW-1120	Civil Works - Zone i78 - Flooding and compact subgrade	1d	03-Jun-23	05-Jun-23	260d	
DP-I78-CW-1140	Civil Works - Zone i78 - Install CSR conduits and Pits	1d	05-Jun-23	06-Jun-23	260d	
DP-I78-CW-1160	Civil Works - Zone i78 - Place and Compact Type 2.1 Road base	1d	06-Jun-23	07-Jun-23	260d	
DP-I78-CW-1360	Civil Works - Zone i78 - Final trim and survey	1d	07-Jun-23	08-Jun-23	260d	
DP-I78-CW-1180	Civil Works - Zone i78 - Spray bitumen chip seal	1d	08-Jun-23	09-Jun-23	260d	
Civil Works - Track		4d	09-Jun-23	17-Jun-23	260d	
DP-I78-TW-1000	Track Works - Zone i78 - Install/weld rail, Rail Systems Loop and form/reo	2d	09-Jun-23	15-Jun-23	260d	
DP-I78-TW-1020	Track Works - Zone i78 - Install OLE foundations	2d	09-Jun-23	15-Jun-23	260d	
DP-I78-TW-1040	Track Works - Zone i78 - Perform electrical continunity testing/hold points	1d	15-Jun-23	16-Jun-23	260d	
DP-I78-TW-1080	Track Works - Zone i78 - Pour concrete and complete finishes	1d	16-Jun-23	17-Jun-23	260d	
Civil Works - Reinstate Track Verge		3d	17-Jun-23	21-Jun-23	298d	
DP-I78-CW-1200	Civil Works - Zone i78 - Place and Compact Type 2.1 Road Base	1d	17-Jun-23	19-Jun-23	298d	
DP-I78-CW-1700	Civil Works - Zone i78 - Place asphalt (Incl Primer Seal)	2d	19-Jun-23	21-Jun-23	298d	
Civil Works - Finishing		176d	22-Jun-23	23-Apr-24	185d	
DP-I78-CW-5020	Civil Works - Zone i78 - Finishing - Final Asphalt Wearing Course	1d	22-Jun-23	23-Jun-23	359d	
DP-I78-CW-5040	Civil Works - Zone i78 - Finishing - Pavement Marking	2d	20-Apr-24	23-Apr-24	185d	
Traffic Control Systems (TCS)		9d	25-May-23	06-Jun-23	291d	
DP-I78-TCS-1040	Signal Works - Zone i78 - Footings - Excav/Reo/Pour/Cure	3d	25-May-23	30-May-23	273d	
DP-I78-TCS-1060	Signal Works - Zone i78 - Install Poles, Cables and Lanterns	2d	30-May-23	01-Jun-23	291d	
DP-I78-TCS-1080	Signal Works - Zone i78 - Install Traffic Detector Loops and Cables (Nights)	2d	01-Jun-23	03-Jun-23	291d	
DP-I78-TCS-1100	Signal Works - Zone i78 - Install TCS Cabinets	1d	03-Jun-23	05-Jun-23	291d	
DP-I78-TCS-1000	Signal Works - Zone i78 - Install Pits and Conduits	1d	05-Jun-23	06-Jun-23	260d	
DP-I78-TCS-1120	Signal Works - Zone i78 - Install LRV Personality	1d	05-Jun-23	06-Jun-23	291d	
Traction Power & Overhead Line		274d	22-Jun-23	23-Sep-24	43d	
CSR Cabling		233d	22-Jun-23	22-Jul-24	79d	
Track-to-Track		1d	22-Jun-23	23-Jun-23	311d	
DP-I78-BC-1000	Traction Power - Zone i78 - Connect Bond to Studs	1d	22-Jun-23	23-Jun-23	311d	
Pit-to-Pit		41d	21-May-24	22-Jul-24	62d	
DP-I78-HC-1020	Traction Power - Zone i78 - Heber Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	62d	
DP-I78-HC-1040	Traction Power - Zone i78 - Heber Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	78d	
DP-I78-ST-1000	Traction Power - Zone i78 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	62d	
DP-I78-ST-1020	Traction Power - Zone i78 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	62d	
Overhead Line		4d	18-Sep-24	23-Sep-24	43d	
DP-I78-OH-1040	Traction Power - Zone i78 - Overhead Wiring - Wire Run 13/14 & QA	4d	18-Sep-24	23-Sep-24	43d	
Zone 2C (Ch 38,235 - 38,405) - 170m		538d	03-Aug-22	14-Oct-24	139d	
Public Utilities Plant Works		327d	03-Aug-22	29-Nov-23	178d	
DP-2C-MS-1000	PUP Works - Zone 2C - Conduits and Pipes Complete - Civil work to Commence	0d		31-Aug-23	80d	
CoGC - Water		29d	03-Aug-22	17-Sep-22	273d	
Water Scope		29d	03-Aug-22	17-Sep-22	273d	
DP-2C-WT-1040	PUP Works - Zone 2C - (WA-200-137)	2d	03-Aug-22	05-Aug-22	299d	
DP-2C-WT-1120	PUP Works - Zone 2C - (WA-200-141)	1d	05-Aug-22	10-Aug-22	299d	
DP-2C-WT-1010	PUP Works - Zone 2C - (WA-200-129) - Test & Chlorine	5d	06-Sep-22	12-Sep-22	186d	
DP-2C-WT-1090	PUP Works - Zone 2C - (WA-200-138)	2d	12-Sep-22	15-Sep-22	275d	
DP-2C-WT-1100	PUP Works - Zone 2C - (WA-200-139)	2d	12-Sep-22	15-Sep-22	275d	
DP-2C-WT-1110	PUP Works - Zone 2C - (WA-200-140)	2d	12-Sep-22	15-Sep-22	275d	
DP-2C-WT-1130	PUP Works - Zone 2C - (WA-200-143)	2d	15-Sep-22	17-Sep-22	273d	
CoGC - Sewer		8d	15-Sep-22	26-Sep-22	240d	
DP-2C-SW-1000	PUP Works - Zone 2C - Sewer Pipe Reline (SE-300-102, 103, 108, 112)	8d	15-Sep-22	26-Sep-22	240d	
Energex		93d	19-Jul-23	29-Nov-23	178d	
Pre-Works		1d	19-Jul-23	20-Jul-23	75d	
DP-2C-EG-1260	PUP Works - Zone 2C - Energex to install tigertails	1d	19-Jul-23	20-Jul-23	75d	
Conduits & Pits		26d	19-Jul-23	29-Aug-23	70d	
DP-2C-EG-1000	PUP Works - Zone 2C - Gold Coast Hwy - Energex Xing (EL-200-120 / 300-134) Deeper Half Prod	26d	19-Jul-23	29-Aug-23	70d	
Energex Works		65d	29-Aug-23	29-Nov-23	178d	
DP-2C-EG-2000	PUP Works - Zone 2C - Gold Coast Hwy - Notification to Energex	50d	29-Aug-23	08-Nov-23	178d	
DP-2C-EG-2010	PUP Works - Zone 2C - Gold Coast Hwy - Energex Works & Cutover (EL-200-120 / 300-134)	15d	08-Nov-23	29-Nov-23	178d	
Telstra		49d	27-Oct-22	02-Feb-23	199d	
Trench (D&C Contractor)		5d	05-Jan-23	13-Jan-23	199d	
DP-2C-TLS-1460	PUP Works - Zone 2C - Christine Ave - Minor Protections in Sixth Ave (TE-300-098 / 274 / 102 / 104 / 200-261)	5d	05-Jan-23	13-Jan-23	199d	
Relocate Conduits & Cable Pull		33d	27-Oct-22	05-Jan-23	185d	
DP-2C-TLS-1420	PUP Works - Zone 2C - Christine Ave - New Stormwater impacts Telstra. Replace Telstra (TE-200-090 / 272)	33d	27-Oct-22	05-Jan-23	185d	
Modification of Telstra Manhole		11d	17-Jan-23	02-Feb-23	199d	
DP-2C-TLS-1480	PUP Works - Zone 2C - Relocate Manhole Lid Entrance (TE-200-100)	11d	17-Jan-23	02-Feb-23	199d	
APA Gas		28d	19-Jul-23	31-Aug-23	70d	
Protect / Relocate		5d	19-Jul-23	26-Jul-23	70d	
DP-2C-GA-1020	PUP Works - Zone 2C - Gas Relocation DN90 IN DN160 (GA-200-023)	5d	19-Jul-23	26-Jul-23	70d	
Cutover		23d	26-Jul-23	31-Aug-23	70d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2C-GA-1180	PUP Works - Zone 2C - D&C Contractor to Notify APA Gas	20d	26-Jul-23	28-Aug-23	70d
DP-2C-GA-1200	PUP Works - Zone 2C - APA Gas Cutover (GA-200-023)	3d	28-Aug-23	31-Aug-23	70d
NBN		30d	05-Jan-23	24-Feb-23	185d
DP-2C-NB-1440	PUP Works - Zone 2C - Christine Ave - NBN cables inside TE-200-090 (TE-200-090a)	30d	05-Jan-23	24-Feb-23	185d
Street Lighting Relocations		3d	31-Aug-23	05-Sep-23	80d
DP-2C-Stl-1000	Lighting Works - Zone 2C - Install Temporary Street Lighting	1d	31-Aug-23	01-Sep-23	80d
DP-2C-Stl-1020	Lighting Works - Zone 2C - Removal of Existing Lighting	2d	01-Sep-23	05-Sep-23	80d
Stormwater Drainage		31d	27-Sep-23	17-Nov-23	56d
Southbound		4d	27-Sep-23	05-Oct-23	56d
DP-2C-DR-1460	Drainage Works - Zone 2C - Gold Coast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (sbound)	4d	27-Sep-23	05-Oct-23	56d
Northbound		18d	18-Oct-23	17-Nov-23	56d
DP-2C-DR-1480	Drainage Works - Zone 2C - Gold Coast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (nbound)	18d	18-Oct-23	17-Nov-23	56d
Civil Works - Finishing Kerbs and Southbound Lanes		16d	26-Sep-23	18-Oct-23	67d
DP-2C-CW-1520	Civil Works - Zone 2C - Shift Traffic West	1d	26-Sep-23	27-Sep-23	66d
DP-2C-CW-1720	Civil Works - Zone 2C - Remove existing asphalt and subbase	1d	27-Sep-23	28-Sep-23	56d
DP-2C-CW-1480	Civil Works - Zone 2C - Replace kerb and channel at PUP crossings	3d	28-Sep-23	05-Oct-23	56d
DP-2C-CW-1740	Civil Works - Zone 2C - FRP pedestrian footpath at PUP Crossings	3d	05-Oct-23	09-Oct-23	61d
DP-2C-CW-2120	Civil Works - Zone 2C - Prepare subgrade	3d	05-Oct-23	09-Oct-23	56d
DP-2C-CW-1620	Civil Works - Zone 2C - Place subbase and base course	1d	09-Oct-23	10-Oct-23	67d
DP-2C-CW-1420	Civil Works - Zone 2C - Place asphalt (Incl Prime and Seal)	4d	10-Oct-23	17-Oct-23	56d
DP-2C-CW-1500	Civil Works - Zone 2C - Shift Traffic to Kerb and Shoulder Lanes	1d	17-Oct-23	18-Oct-23	67d
Civil Works - Finishing Kerbs and Northbound Lanes		33d	18-Oct-23	05-Dec-23	68d
DP-2C-CW-1800	Civil Works - Zone 2C - Shift Traffic East	0d		18-Oct-23	67d
DP-2C-CW-1820	Civil Works - Zone 2C - Remove existing asphalt and subbase	1d	18-Oct-23	19-Oct-23	73d
DP-2C-CW-1840	Civil Works - Zone 2C - Prepare subgrade	2d	17-Nov-23	20-Nov-23	56d
DP-2C-CW-1860	Civil Works - Zone 2C - Replace kerb and channel at PUP crossings	3d	20-Nov-23	28-Nov-23	56d
DP-2C-CW-1880	Civil Works - Zone 2C - Place subbase and base course	1d	28-Nov-23	29-Nov-23	65d
DP-2C-CW-174	Civil Works - Zone 2C - FRP pedestrian footpath at PUP Crossings	3d	28-Nov-23	01-Dec-23	58d
DP-2C-CW-1760	Civil Works - Zone 2C - Place asphalt (Incl Prime and Seal)	4d	29-Nov-23	04-Dec-23	56d
DP-2C-CW-1780	Civil Works - Zone 2C - Shift Traffic to Kerb and Shoulder Lanes	1d	04-Dec-23	05-Dec-23	68d
Civil Works - Rail Corridor		17d	05-Dec-23	16-Jan-24	56d
DP-2C-CW-1000	Civil Works - Zone 2C - Shift Traffic to Kerb and Shoulder Lanes	0d		05-Dec-23	56d
DP-2C-CW-2010	Civil Works - Zone 2C - Profile central median and asphalt	1d	05-Dec-23	07-Dec-23	56d
DP-2C-CW-1100	Civil Works - Zone 2C - Bulk and Detail excavation	5d	07-Dec-23	14-Dec-23	56d
DP-2C-CW-1120	Civil Works - Zone 2C - Flooding and compact subgrade	3d	14-Dec-23	04-Jan-24	56d
DP-2C-CW-1140	Civil Works - Zone 2C - Install CSR conduits and Pits	2d	04-Jan-24	08-Jan-24	56d
DP-2C-CW-1160	Civil Works - Zone 2C - Place and Compact Type 2.1 Road base	2d	08-Jan-24	10-Jan-24	56d
DP-2C-CW-1360	Civil Works - Zone 2C - Final trim and survey	3d	10-Jan-24	15-Jan-24	56d
DP-2C-CW-1180	Civil Works - Zone 2C - Spray bitumen chip seal	1d	15-Jan-24	16-Jan-24	56d
Civil Works - Track		12d	16-Jan-24	08-Feb-24	56d
DP-2C-TW-1000	Track Works - Zone 2C - Install/weld rail, Rail Systems Loop and form/reo	5d	16-Jan-24	25-Jan-24	56d
DP-2C-TW-1020	Track Works - Zone 2C - Install OLE foundations	5d	16-Jan-24	25-Jan-24	56d
DP-2C-TW-1040	Track Works - Zone 2C - Perform electrical continunity testing/hold points	2d	25-Jan-24	30-Jan-24	56d
DP-2C-TW-1080	Track Works - Zone 2C - Pour concrete, strip formwork and install lids	5d	30-Jan-24	08-Feb-24	56d
Civil Works - Reinstate Track Verge		10d	08-Feb-24	24-Feb-24	56d
DP-2C-CW-2180	Civil Works - Zone 2C - FRP Kerb Track Side	3d	08-Feb-24	12-Feb-24	56d
DP-2C-CW-1200	Civil Works - Zone 2C - Place and Compact Type 2.1 Road Base	2d	12-Feb-24	15-Feb-24	56d
DP-2C-CW-1700	Civil Works - Zone 2C - Place asphalt (Incl Prime and Seal)	5d	15-Feb-24	24-Feb-24	56d
Civil Works - System Fitout		3d	26-Feb-24	29-Feb-24	124d
DP-2C-CW-1640	Civil Works - Zone 2C - Shift traffic to permanent alignment (night works)	1d	26-Feb-24	26-Feb-24	80d
DP-2C-CW-1660	Civil Works - Zone 2C - Erect Overhead Wire Poles with Lighting	1d	27-Feb-24	29-Feb-24	110d
Civil Works - Finishing		63d	24-Feb-24	15-Jun-24	194d
DP-2C-CW-5000	Civil Works - Zone 2C - Finishing - FRP Blister Islands	4d	24-Feb-24	01-Mar-24	232d
DP-2C-CW-5060	Civil Works - Zone 2C - Finishing - Landscaping	10d	24-Feb-24	11-Mar-24	247d
DP-2C-CW-5020	Civil Works - Zone 2C - Finishing - Final Asphalt Wearing Course	1d	01-Mar-24	04-Mar-24	232d
DP-2C-CW-5040	Civil Works - Zone 2C - Finishing - Pavement Marking	2d	13-Jun-24	15-Jun-24	176d
Traction Power & Overhead Line		141d	29-Feb-24	14-Oct-24	9d
CSR Cabling		141d	29-Feb-24	14-Oct-24	9d
Structure-to-Track		1d	29-Feb-24	01-Mar-24	129d
DP-2C-BC-1500	Traction Power - Zone 2C - Bond and Test Structure to Rail	1d	29-Feb-24	01-Mar-24	129d
Track-to-Track		1d	29-Feb-24	01-Mar-24	129d
DP-2C-BC-1000	Traction Power - Zone 2C - Connect Bond to Studs	1d	29-Feb-24	01-Mar-24	129d
Pit-to-Pit		41d	21-May-24	22-Jul-24	62d
DP-2C-HC-1020	Traction Power - Zone 2C - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	62d
DP-2C-HC-1500	Traction Power - Zone 2C - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	78d
DP-2C-ST-1000	Traction Power - Zone 2C - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	62d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2C-ST-1020	Traction Power - Zone 2C - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	62d
Pit-to-OLE		16d	20-Sep-24	14-Oct-24	9d
DP-2C-HC-1520	Traction Power - Zone 2C - WR15/16 - Pull Helper Cables & Bonding from Pit to OHL	10d	20-Sep-24	03-Oct-24	9d
DP-2C-HC-1540	Traction Power - Zone 2C - WR15/16 - Helper Cable & Bonding - Test & Terminate	2d	03-Oct-24	09-Oct-24	11d
DP-2C-HC-1230	Traction Power - Zone 2C - WR13/14 - Pull Helper Cables & Bonding from Pit to OHL	4d	03-Oct-24	11-Oct-24	9d
DP-2C-HC-1460	Traction Power - Zone 2C - WR13/14 - Helper Cable & Bonding - Test & Terminate	2d	11-Oct-24	14-Oct-24	9d
Overhead Line		26d	09-Aug-24	23-Sep-24	17d
DP-2C-OH-1020	Traction Power - Zone 2C - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	10d	09-Aug-24	28-Aug-24	19d
DP-2C-OH-1100	Traction Power - Zone 2C - Overhead Wiring - Wire Run 15/16 & QA	4d	10-Sep-24	17-Sep-24	11d
DP-2C-OH-1040	Traction Power - Zone 2C - Overhead Wiring - Wire Run 13/14 & QA	4d	18-Sep-24	23-Sep-24	17d
Zone i79 Intersection - Staged Closure - Gardena Grv/Fifth Ave&Anzac Pde (Ch 38,405-38,510) - 105m		493d	12-Sep-22	17-Sep-24	132d
Public Utilities Plant Works		271d	12-Sep-22	20-Oct-23	144d
DP-I79-MS-1000	PUP Works - Zone i79 - Conduits and Pipes Complete - Civil work to Commence	0d		20-Oct-23	144d
CoGC - Water		32d	12-Sep-22	29-Oct-22	162d
Water Scope		32d	12-Sep-22	29-Oct-22	162d
DP-i79-WT-1160	PUP Works - Zone i79 - (WA-300-226)	2d	12-Sep-22	15-Sep-22	189d
DP-i79-WT-1170	PUP Works - Zone i79 - (WA-300-227)	2d	17-Oct-22	19-Oct-22	127d
DP-i79-WT-1140	PUP Works - Zone i79 - (WA-300-142)	5d	19-Oct-22	27-Oct-22	162d
DP-i79-WT-1150	PUP Works - Zone i79 - (WA-300-143)	2d	27-Oct-22	29-Oct-22	162d
CoGC - Sewer		3d	15-Oct-22	19-Oct-22	169d
DP-i79-SW-1000	PUP Works - Zone i79 - Sewer Pipe Reline (SE-300-109)	3d	15-Oct-22	19-Oct-22	169d
Energex		125d	24-Apr-23	20-Oct-23	144d
Pre-Works		1d	24-Apr-23	26-Apr-23	203d
DP-I79-EG-1320	PUP Works - Zone i79 - Fifth Ave - Energex to install tigertails	1d	24-Apr-23	26-Apr-23	203d
Conduits & Pits		56d	24-Apr-23	19-Jul-23	70d
DP-I79-EG-1000	PUP Works - Zone i79 - Fifth Ave - Energex Xing (EL-300-128 / 129 / 131) Deeper Half prod	56d	24-Apr-23	19-Jul-23	70d
Energex Works		65d	19-Jul-23	20-Oct-23	144d
DP-I79-EG-2000	PUP Works - Zone i79 - Fifth Ave - Notification to Energex	50d	19-Jul-23	28-Sep-23	144d
DP-I79-EG-2010	PUP Works - Zone i79 - Fifth Ave - Energex Works & Cutover (EL-300-128 / 129 / 131)	15d	28-Sep-23	20-Oct-23	144d
Telstra		10d	14-Feb-23	28-Feb-23	265d
Trench (D&C Contractor)		10d	14-Feb-23	28-Feb-23	265d
DP-I79-TLS-1000	PUP Works - Zone i78 - Protection Slab across Gardenia Grove (TE-300-275)	10d	14-Feb-23	28-Feb-23	265d
Street Lighting Relocations		2d	20-Oct-23	24-Oct-23	144d
DP-I79-Stl-1000	Lighting Works - Zone i79 - Install Temporary Street Lighting	1d	20-Oct-23	23-Oct-23	144d
DP-I79-Stl-1020	Lighting Works - Zone i79 - Removal of Existing Lighting	1d	23-Oct-23	24-Oct-23	144d
Stage 1		38d	26-Feb-24	20-Apr-24	60d
Civil Works - Finishing Kerbs and Southbound Lanes		9d	26-Feb-24	08-Mar-24	67d
DP-I79-CW-1520	Civil Works - Zone i79 - Shift Traffic West	1d	26-Feb-24	26-Feb-24	67d
DP-I79-CW-1720	Civil Works - Zone i79 - Remove existing asphalt and subbase	1d	27-Feb-24	29-Feb-24	56d
DP-I79-CW-1480	Civil Works - Zone i79 - Replace kerb and channel at PUP crossings	0d	29-Feb-24	29-Feb-24	56d
DP-I79-CW-1740	Civil Works - Zone i79 - FRP pedestrian footpath at PUP Crossings	0d	29-Feb-24	29-Feb-24	60d
DP-I79-CW-2120	Civil Works - Zone i79 - Prepare subgrade	1d	29-Feb-24	01-Mar-24	56d
DP-I79-CW-1620	Civil Works - Zone i79 - Place subbase and base course	1d	01-Mar-24	04-Mar-24	56d
DP-I79-CW-2140	Civil Works - Zone i79 - Fifth Ave ISect Place subbase and base course	1d	04-Mar-24	05-Mar-24	56d
DP-I79-CW-1420	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	05-Mar-24	07-Mar-24	56d
DP-I79-CW-1500	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	1d	07-Mar-24	08-Mar-24	67d
Civil Works - Finishing Kerbs and Northbound Lanes		4d	08-Mar-24	14-Mar-24	68d
DP-I79-CW-1800	Civil Works - Zone i79 - Shift Traffic East	0d		08-Mar-24	67d
DP-I79-CW-1820	Civil Works - Zone i79 - Remove existing asphalt and subbase	1d	08-Mar-24	09-Mar-24	57d
DP-I79-CW-1840	Civil Works - Zone i79 - Prepare Subgrade	1d	09-Mar-24	11-Mar-24	57d
DP-I79-CW-2160	Civil Works - Zone i79 - Replace kerb and channel at PUP crossings	0d	11-Mar-24	11-Mar-24	57d
DP-I79-CW-2180	Civil Works - Zone i79 - FRP pedestrian footpath at PUP Crossings	0d	11-Mar-24	11-Mar-24	59d
DP-I79-CW-1880	Civil Works - Zone i79 - Place subbase and base course	1d	11-Mar-24	12-Mar-24	57d
DP-I79-CW-1760	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	12-Mar-24	13-Mar-24	57d
DP-I79-CW-1780	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	1d	13-Mar-24	14-Mar-24	68d
Civil Works - Rail Corridor		9d	14-Mar-24	08-Apr-24	57d
DP-I79-CW-1000	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	0d		14-Mar-24	57d
DP-I79-CW-1040	Civil Works - Zone i79 - Demo/Clear/Grub	1d	14-Mar-24	15-Mar-24	57d
DP-I79-CW-2100	Civil Works - Zone i79 - Profile central median and asphalt	1d	15-Mar-24	19-Mar-24	57d
DP-I79-CW-1100	Civil Works - Zone i79 - Bulk and Detail excavation	1d	19-Mar-24	21-Mar-24	57d
DP-I79-CW-1120	Civil Works - Zone i79 - Flooding and compact subgrade	1d	21-Mar-24	22-Mar-24	57d
DP-I79-CW-1140	Civil Works - Zone i79 - Install CSR conduits and Pits	1d	22-Mar-24	23-Mar-24	58d
DP-I79-CW-1160	Civil Works - Zone i79 - Place and Compact Type 2.1 Road base	1d	25-Mar-24	26-Mar-24	57d
DP-I79-CW-1360	Civil Works - Zone i79 - Final trim and survey	1d	26-Mar-24	28-Mar-24	57d
DP-I79-CW-1180	Civil Works - Zone i79 - Spray bitumen chip seal	1d	28-Mar-24	08-Apr-24	57d
Civil Works - Track		6d	08-Apr-24	18-Apr-24	57d
DP-I79-TW-1000	Track Works - Zone i79 - Install/weld rail, Rail Systems Loop and form/reo	3d	08-Apr-24	13-Apr-24	57d



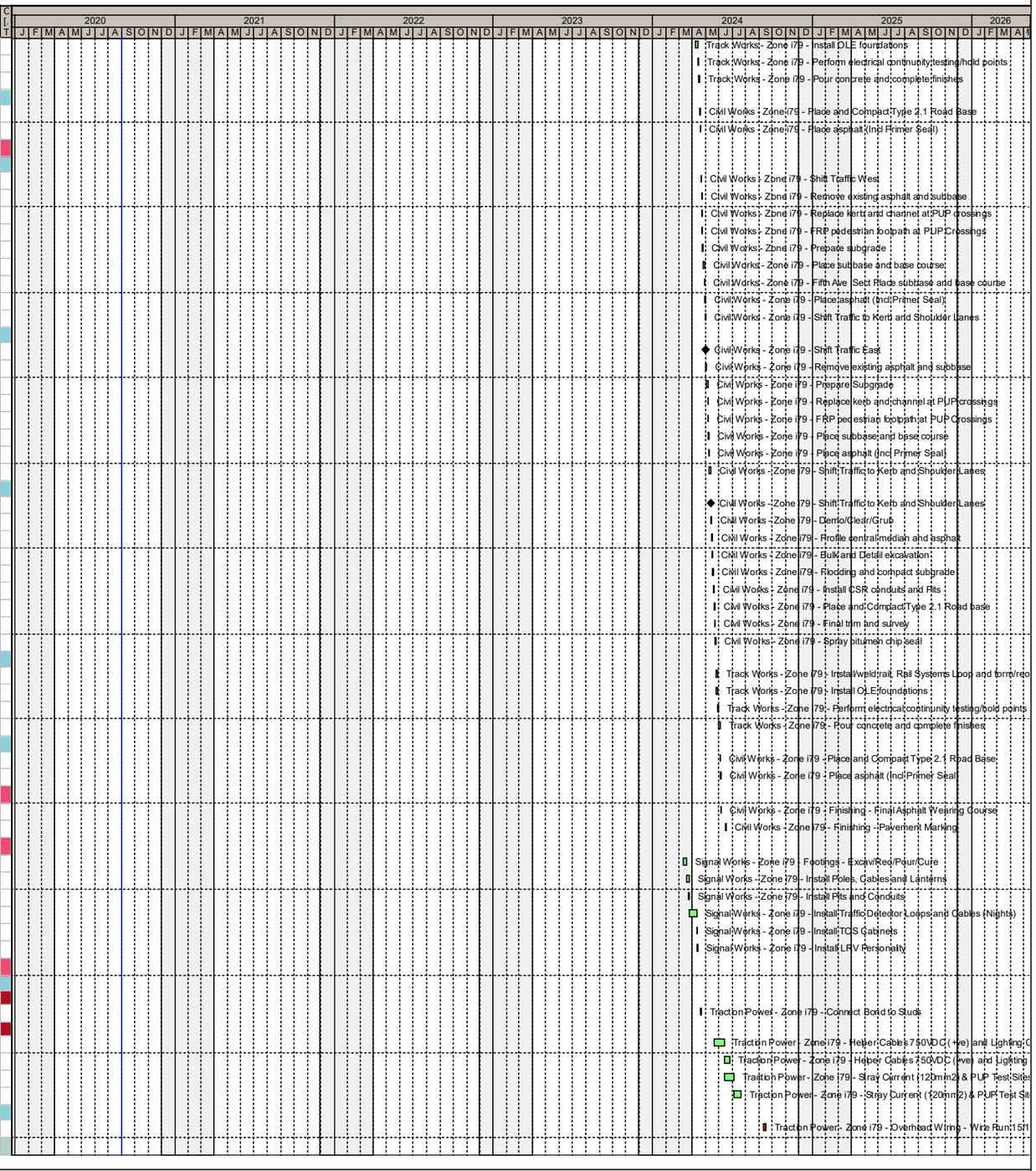
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
DP-I79-TW-1020	Track Works - Zone i79 - Install OLE foundations	3d	08-Apr-24	13-Apr-24	57d	
DP-I79-TW-1040	Track Works - Zone i79 - Perform electrical continunity testing/hold points	1d	13-Apr-24	15-Apr-24	57d	
DP-I79-TW-1080	Track Works - Zone i79 - Pour concrete and complete finishes	2d	15-Apr-24	18-Apr-24	57d	
Civil Works - Reinstate Track Verge		2d	18-Apr-24	20-Apr-24	57d	
DP-I79-CW-1200	Civil Works - Zone i79 - Place and Compact Type 2.1 Road Base	1d	18-Apr-24	19-Apr-24	57d	
DP-I79-CW-1700	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	19-Apr-24	20-Apr-24	57d	
Stage 2		31d	22-Apr-24	05-Jun-24	86d	
Civil Works - Finishing Kerbs and Southbound Lanes		7d	22-Apr-24	02-May-24	60d	
DP-I79-CW-5300	Civil Works - Zone i79 - Shift Traffic West	1d	22-Apr-24	22-Apr-24	60d	
DP-I79-CW-5360	Civil Works - Zone i79 - Remove existing asphalt and subbase	1d	23-Apr-24	24-Apr-24	55d	
DP-I79-CW-5260	Civil Works - Zone i79 - Replace kerb and channel at PUP crossings	0d	24-Apr-24	24-Apr-24	55d	
DP-I79-CW-5380	Civil Works - Zone i79 - FRP pedestrian footpath at PUP Crossings	0d	24-Apr-24	24-Apr-24	59d	
DP-I79-CW-5540	Civil Works - Zone i79 - Prepare subgrade	1d	24-Apr-24	26-Apr-24	55d	
DP-I79-CW-5320	Civil Works - Zone i79 - Place subbase and base course	1d	26-Apr-24	29-Apr-24	55d	
DP-I79-CW-5560	Civil Works - Zone i79 - Fifth Ave ISect Place subbase and base course	1d	29-Apr-24	30-Apr-24	55d	
DP-I79-CW-5240	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	30-Apr-24	01-May-24	55d	
DP-I79-CW-5280	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	1d	01-May-24	02-May-24	60d	
Civil Works - Finishing Kerbs and Northbound Lanes		6d	02-May-24	13-May-24	59d	
DP-I79-CW-5440	Civil Works - Zone i79 - Shift Traffic East	0d		02-May-24	60d	
DP-I79-CW-5480	Civil Works - Zone i79 - Remove existing asphalt and subbase	1d	02-May-24	03-May-24	55d	
DP-I79-CW-5500	Civil Works - Zone i79 - Prepare Subgrade	2d	03-May-24	08-May-24	55d	
DP-I79-CW-5580	Civil Works - Zone i79 - Replace kerb and channel at PUP crossings	0d	08-May-24	08-May-24	55d	
DP-I79-CW-5600	Civil Works - Zone i79 - FRP pedestrian footpath at PUP Crossings	0d	08-May-24	08-May-24	57d	
DP-I79-CW-5460	Civil Works - Zone i79 - Place subbase and base course	1d	08-May-24	09-May-24	55d	
DP-I79-CW-5400	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	09-May-24	10-May-24	55d	
DP-I79-CW-5420	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	1d	10-May-24	13-May-24	59d	
Civil Works - Rail Corridor		8d	14-May-24	24-May-24	56d	
DP-I79-CW-5060	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	0d		14-May-24	56d	
DP-I79-CW-5080	Civil Works - Zone i79 - Demo/Clear/Grub	1d	14-May-24	16-May-24	56d	
DP-I79-CW-5520	Civil Works - Zone i79 - Profile central median and asphalt	1d	16-May-24	17-May-24	56d	
DP-I79-CW-5100	Civil Works - Zone i79 - Bulk and Detail excavation	1d	17-May-24	18-May-24	56d	
DP-I79-CW-5120	Civil Works - Zone i79 - Flooding and compact subgrade	1d	18-May-24	20-May-24	56d	
DP-I79-CW-5140	Civil Works - Zone i79 - Install CSR conduits and Pits	1d	20-May-24	21-May-24	56d	
DP-I79-CW-5160	Civil Works - Zone i79 - Place and Compact Type 2.1 Road base	1d	21-May-24	22-May-24	56d	
DP-I79-CW-5220	Civil Works - Zone i79 - Final trim and survey	1d	22-May-24	23-May-24	56d	
DP-I79-CW-5180	Civil Works - Zone i79 - Spray bitumen chip seal	1d	23-May-24	24-May-24	56d	
Civil Works - Track		6d	24-May-24	03-Jun-24	56d	
DP-I79-TW-1100	Track Works - Zone i79 - Install/weld rail, Rail Systems Loop and form/reo	3d	24-May-24	28-May-24	56d	
DP-I79-TW-1120	Track Works - Zone i79 - Install OLE foundations	3d	24-May-24	28-May-24	56d	
DP-I79-TW-1140	Track Works - Zone i79 - Perform electrical continunity testing/hold points	1d	28-May-24	30-May-24	56d	
DP-I79-TW-1160	Track Works - Zone i79 - Pour concrete and complete finishes	2d	30-May-24	03-Jun-24	56d	
Civil Works - Reinstate Track Verge		2d	03-Jun-24	05-Jun-24	80d	
DP-I79-CW-5200	Civil Works - Zone i79 - Place and Compact Type 2.1 Road Base	1d	03-Jun-24	04-Jun-24	80d	
DP-I79-CW-5340	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	04-Jun-24	05-Jun-24	80d	
Civil Works - Finishing		7d	05-Jun-24	18-Jun-24	176d	
DP-I79-CW-5020	Civil Works - Zone i79 - Finishing - Final Asphalt Wearing Course	1d	05-Jun-24	06-Jun-24	180d	
DP-I79-CW-5040	Civil Works - Zone i79 - Finishing - Pavement Marking	2d	15-Jun-24	18-Jun-24	176d	
Traffic Control Systems (TCS)		15d	11-Mar-24	13-Apr-24	112d	
DP-I79-TCS-1040	Signal Works - Zone i79 - Footings - Excav/Reo/Pour/Cure	5d	11-Mar-24	19-Mar-24	98d	
DP-I79-TCS-1060	Signal Works - Zone i79 - Install Poles, Cables and Lanterns	4d	19-Mar-24	25-Mar-24	112d	
DP-I79-TCS-1000	Signal Works - Zone i79 - Install Pits and Conduits	2d	22-Mar-24	25-Mar-24	57d	
DP-I79-TCS-1080	Signal Works - Zone i79 - Install Traffic Detector Loops and Cables (Nights)	4d	25-Mar-24	11-Apr-24	112d	
DP-I79-TCS-1100	Signal Works - Zone i79 - Install TCS Cabinets	1d	11-Apr-24	12-Apr-24	112d	
DP-I79-TCS-1120	Signal Works - Zone i79 - Install LRV Personality	1d	12-Apr-24	13-Apr-24	112d	
Traction Power & Overhead Line		96d	20-Apr-24	17-Sep-24	25d	
CSR Cabling		59d	20-Apr-24	22-Jul-24	62d	
Track-to-Track		1d	20-Apr-24	22-Apr-24	108d	
DP-I79-BC-1020	Traction Power - Zone i79 - Connect Bond to Studs	1d	20-Apr-24	22-Apr-24	108d	
Pit-to-Pit		41d	21-May-24	22-Jul-24	62d	
DP-i79-HC-1020	Traction Power - Zone i79 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	62d	
DP-i79-HC-1100	Traction Power - Zone i79 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	78d	
DP-i79-ST-1000	Traction Power - Zone i79 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	62d	
DP-i79-ST-1020	Traction Power - Zone i79 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	62d	
Overhead Line		4d	10-Sep-24	17-Sep-24	17d	
DP-I79-OH-1040	Traction Power - Zone i79 - Overhead Wiring - Wire Run 15/16 & QA	4d	10-Sep-24	17-Sep-24	17d	
Zone 2D (Ch 38,510 - 39,515) - 1,005m		588d	23-May-22	10-Oct-24	141d	



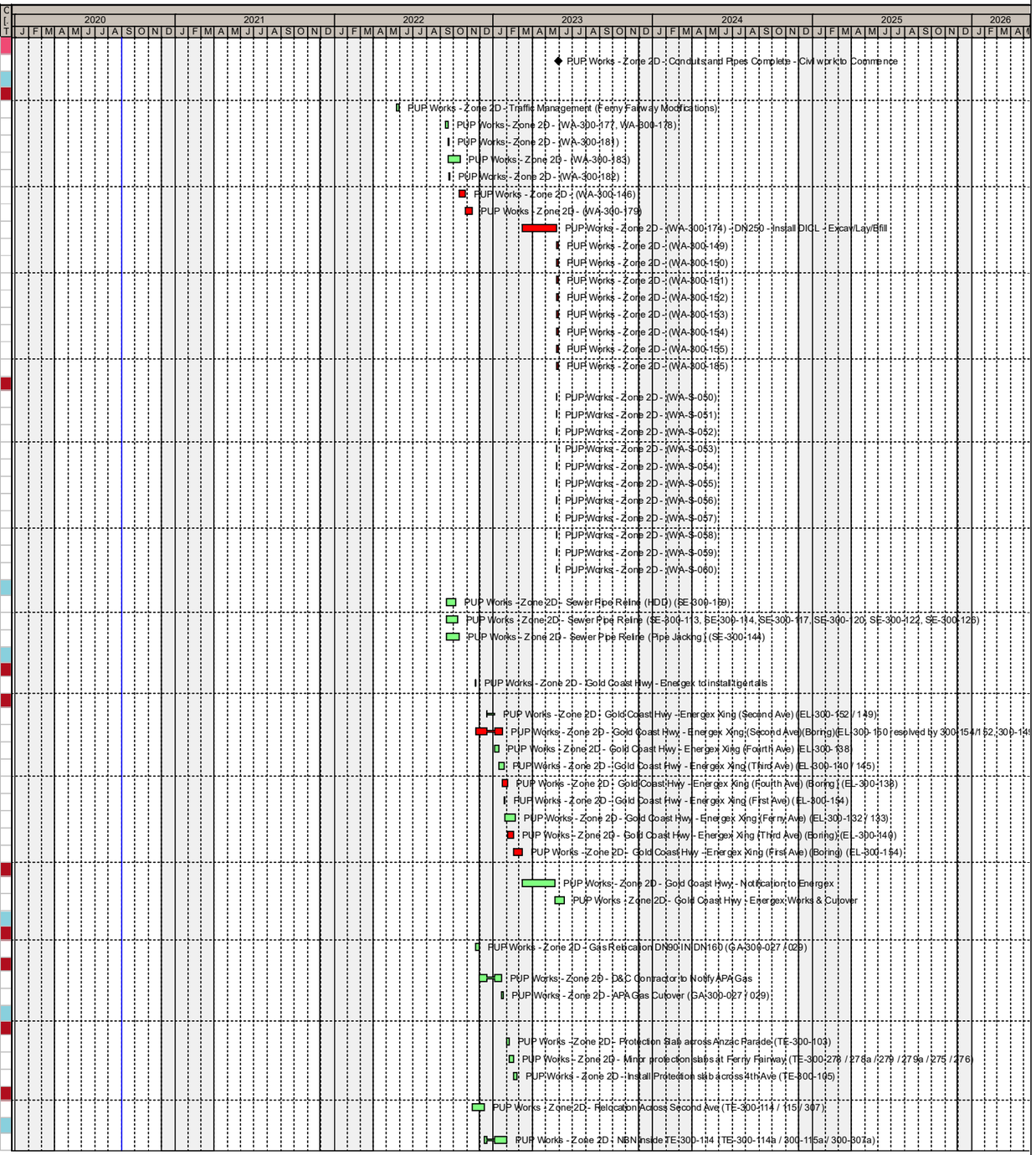
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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Public Utilities Plant Works		258d	23-May-22	12-Jun-23	273d
DP-2D-MS-1000	PUP Works - Zone 2D - Conduits and Pipes Complete - Civil work to Commence	0d		29-May-23	3d
CoGC - Water		249d	23-May-22	29-May-23	3d
Water Works		249d	23-May-22	29-May-23	3d
DP-2D-WT-2080	PUP Works - Zone 2D - Traffic Management (Ferny Fairway Modifications)	6d	23-May-22	30-May-22	190d
DP-2D-WT-2330	PUP Works - Zone 2D - (WA-300-177, WA-300-178)	3d	13-Sep-22	19-Sep-22	25d
DP-2D-WT-2390	PUP Works - Zone 2D - (WA-300-181)	2d	19-Sep-22	21-Sep-22	39d
DP-2D-WT-2410	PUP Works - Zone 2D - (WA-300-183)	18d	19-Sep-22	17-Oct-22	25d
DP-2D-WT-2400	PUP Works - Zone 2D - (WA-300-182)	2d	21-Sep-22	23-Sep-22	39d
DP-2D-WT-2250	PUP Works - Zone 2D - (WA-300-146)	9d	15-Oct-22	28-Oct-22	3d
DP-2D-WT-2380	PUP Works - Zone 2D - (WA-300-179)	9d	28-Oct-22	12-Nov-22	3d
DP-2D-WT-2350	PUP Works - Zone 2D - (WA-300-174) - DN250 - Install DICL - Excav/Lay/Bfill	44d	07-Mar-23	25-May-23	3d
DP-2D-WT-2260	PUP Works - Zone 2D - (WA-300-149)	2d	25-May-23	29-May-23	3d
DP-2D-WT-2270	PUP Works - Zone 2D - (WA-300-150)	2d	25-May-23	29-May-23	3d
DP-2D-WT-2280	PUP Works - Zone 2D - (WA-300-151)	2d	25-May-23	29-May-23	3d
DP-2D-WT-2290	PUP Works - Zone 2D - (WA-300-152)	2d	25-May-23	29-May-23	3d
DP-2D-WT-2300	PUP Works - Zone 2D - (WA-300-153)	2d	25-May-23	29-May-23	3d
DP-2D-WT-2310	PUP Works - Zone 2D - (WA-300-154)	2d	25-May-23	29-May-23	3d
DP-2D-WT-2320	PUP Works - Zone 2D - (WA-300-155)	2d	25-May-23	29-May-23	3d
DP-2D-WT-2430	PUP Works - Zone 2D - (WA-300-185)	2d	25-May-23	29-May-23	3d
Service Connections		1d	25-May-23	26-May-23	4d
DP-2D-WT-S050	PUP Works - Zone 2D - (WA-S-050)	1d	25-May-23	26-May-23	4d
DP-2D-WT-S035	PUP Works - Zone 2D - (WA-S-051)	1d	25-May-23	26-May-23	4d
DP-2D-WT-S036	PUP Works - Zone 2D - (WA-S-052)	1d	25-May-23	26-May-23	4d
DP-2D-WT-S037	PUP Works - Zone 2D - (WA-S-053)	1d	25-May-23	26-May-23	4d
DP-2D-WT-S038	PUP Works - Zone 2D - (WA-S-054)	1d	25-May-23	26-May-23	4d
DP-2D-WT-S039	PUP Works - Zone 2D - (WA-S-055)	1d	25-May-23	26-May-23	4d
DP-2D-WT-S040	PUP Works - Zone 2D - (WA-S-056)	1d	25-May-23	26-May-23	4d
DP-2D-WT-S041	PUP Works - Zone 2D - (WA-S-057)	1d	25-May-23	26-May-23	4d
DP-2D-WT-S042	PUP Works - Zone 2D - (WA-S-058)	1d	25-May-23	26-May-23	4d
DP-2D-WT-S043	PUP Works - Zone 2D - (WA-S-059)	1d	25-May-23	26-May-23	4d
DP-2D-WT-S044	PUP Works - Zone 2D - (WA-S-060)	1d	25-May-23	26-May-23	4d
CoGC - Sewer		20d	15-Sep-22	15-Oct-22	169d
DP-2D-SW-1020	PUP Works - Zone 2D - Sewer Pipe Reline (HDD) (SE-300-159)	14d	15-Sep-22	06-Oct-22	23d
DP-2D-SW-1000	PUP Works - Zone 2D - Sewer Pipe Reline (SE-300-113, SE-300-114, SE-300-117, SE-300-120, SE-300-122, SE	18d	15-Sep-22	11-Oct-22	28d
DP-2D-SW-1030	PUP Works - Zone 2D - Sewer Pipe Reline (Pipe Jacking) (SE-300-144)	20d	15-Sep-22	15-Oct-22	169d
Energex		130d	21-Nov-22	12-Jun-23	273d
Pre-Works		1d	21-Nov-22	22-Nov-22	93d
DP-2D-EG-1470	PUP Works - Zone 2D - Gold Coast Hwy - Energex to install tgertails	1d	21-Nov-22	22-Nov-22	93d
Conduits & Pits		54d	21-Nov-22	07-Mar-23	3d
DP-2D-EG-1000	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Second Ave) (EL-300-152 / 149)	16d	21-Nov-22	04-Jan-23	12d
DP-2D-EG-1060	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Second Ave)(Boring)(EL-300-150 resolved by 300-154/1	26d	21-Nov-22	21-Jan-23	3d
DP-2D-EG-1020	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Fourth Ave) (EL-300-138)	6d	04-Jan-23	13-Jan-23	12d
DP-2D-EG-1030	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Third Ave) (EL-300-140 / 145)	7d	13-Jan-23	25-Jan-23	12d
DP-2D-EG-1070	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Fourth Ave) (Boring) (EL-300-138)	8d	21-Jan-23	02-Feb-23	3d
DP-2D-EG-1040	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (First Ave) (EL-300-154)	2d	25-Jan-23	28-Jan-23	12d
DP-2D-EG-1050	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Ferny Ave) (EL-300-132 / 133)	14d	28-Jan-23	20-Feb-23	12d
DP-2D-EG-1080	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Third Ave) (Boring) (EL-300-140)	8d	03-Feb-23	16-Feb-23	3d
DP-2D-EG-1090	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (First Ave) (Boring) (EL-300-154)	12d	16-Feb-23	07-Mar-23	3d
Energex Works		65d	07-Mar-23	12-Jun-23	273d
DP-2D-EG-2000	PUP Works - Zone 2D - Gold Coast Hwy - Notification to Energex	50d	07-Mar-23	22-May-23	273d
DP-2D-EG-2010	PUP Works - Zone 2D - Gold Coast Hwy - Energex Works & Cutover	15d	22-May-23	12-Jun-23	273d
APA Gas		28d	21-Nov-22	24-Jan-23	75d
Protect / Relocate		5d	21-Nov-22	29-Nov-22	75d
DP-2D-GA-1040	PUP Works - Zone 2D - Gas Relocation DN90 IN DN160 (GA-300-027 / 029)	5d	21-Nov-22	29-Nov-22	75d
Cutover		23d	29-Nov-22	24-Jan-23	75d
DP-2D-GA-1180	PUP Works - Zone 2D - D&C Contractor to Notify APA Gas	20d	29-Nov-22	20-Jan-23	75d
DP-2D-GA-1200	PUP Works - Zone 2D - APA Gas Cutover (GA-300-027 / 029)	3d	20-Jan-23	24-Jan-23	75d
Telstra		52d	12-Nov-22	23-Feb-23	56d
Trench (D&C Contractor)		15d	30-Jan-23	23-Feb-23	56d
DP-2D-TLS-1100	PUP Works - Zone 2D - Protection Slab across Anzac Parade (TE-300-103)	5d	30-Jan-23	07-Feb-23	56d
DP-2D-TLS-1120	PUP Works - Zone 2D - Minor protection slabs at Ferny Fairway (TE-300-278 / 278a / 279 / 279a / 275 / 276)	5d	07-Feb-23	16-Feb-23	56d
DP-2D-TLS-1160	PUP Works - Zone 2D - Install Protection slab across 4th Ave (TE-300-105)	5d	16-Feb-23	23-Feb-23	56d
Relocate Conduits & Cable Pull		17d	12-Nov-22	10-Dec-22	56d
DP-2D-TLS-1140	PUP Works - Zone 2D - Relocation Across Second Ave (TE-300-114 / 115 / 307)	17d	12-Nov-22	10-Dec-22	56d
NBN		20d	10-Dec-22	30-Jan-23	56d
DP-2D-NB-1160	PUP Works - Zone 2D - NBN inside TE-300-114 (TE-300-114a / 300-115a / 300-307a)	20d	10-Dec-22	30-Jan-23	56d



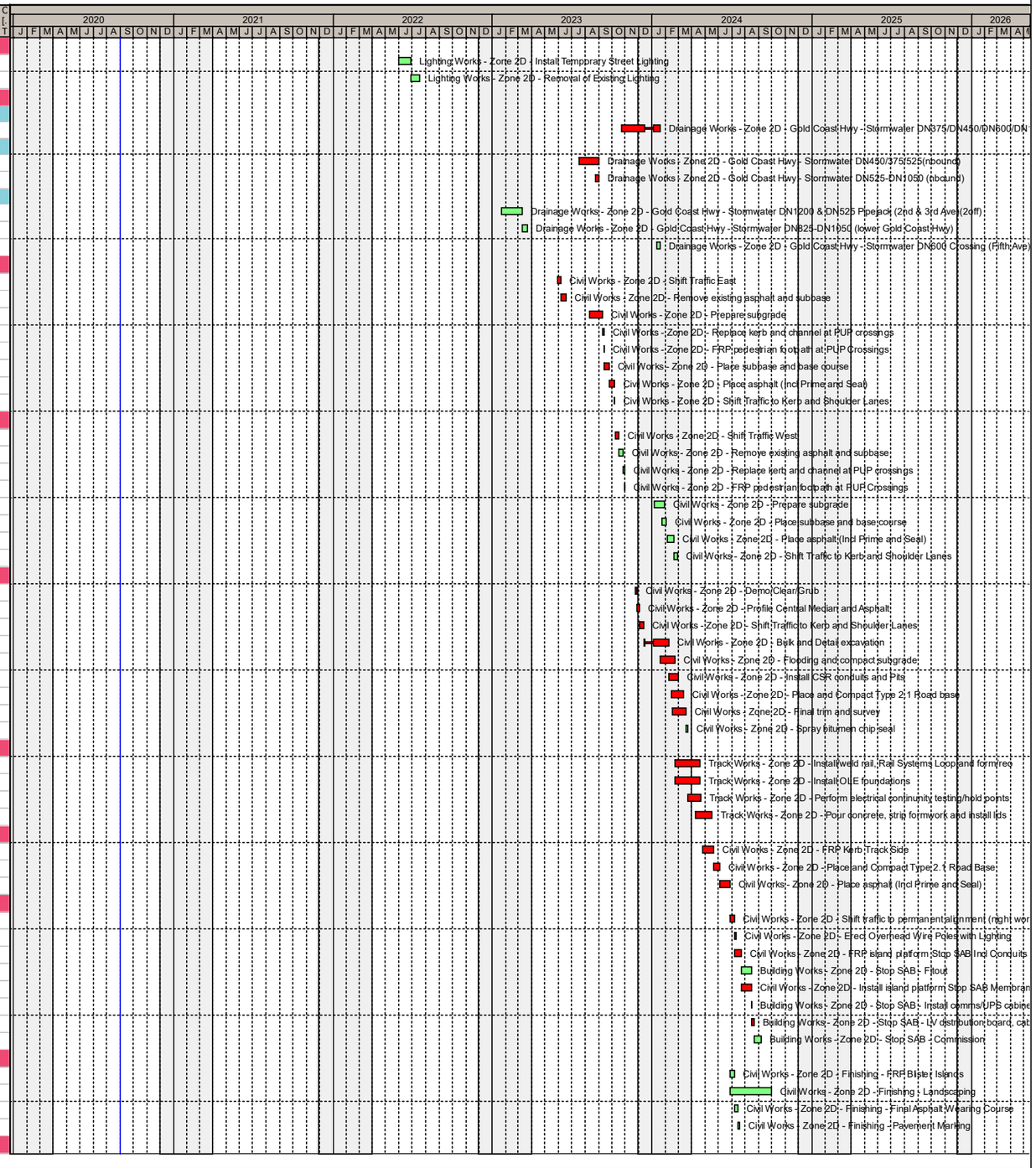
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Street Lighting Relocations		35d	31-May-22	18-Jul-22	210d
DP-2D-Stl-1000	Lighting Works - Zone 2D - Install Temporary Street Lighting	20d	31-May-22	27-Jun-22	210d
DP-2D-Stl-1020	Lighting Works - Zone 2D - Removal of Existing Lighting	15d	28-Jun-22	18-Jul-22	210d
Stormwater Drainage		216d	21-Jan-23	19-Jan-24	28d
Southbound		45d	23-Oct-23	19-Jan-24	2d
DP-2D-DR-2100	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN375/DN450/DN600/DN1200 (sbound)	45d	23-Oct-23	19-Jan-24	2d
Northbound		30d	17-Jul-23	01-Sep-23	3d
DP-2D-DR-2120	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN450/375/525(nbound)	30d	17-Jul-23	01-Sep-23	3d
DP-2D-DR-2140	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN525-DN1050 (nbound)	5d	24-Aug-23	01-Sep-23	3d
Crossing		216d	21-Jan-23	19-Jan-24	28d
DP-2D-DR-2160	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN1200 & DN525 Pipejack (2nd & 3rd Ave)(2off)	30d	21-Jan-23	09-Mar-23	195d
DP-2D-DR-2200	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN825-DN1050 (lower Gold Coast Hwy)	8d	09-Mar-23	22-Mar-23	195d
DP-2D-DR-2280	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN600 Crossing (Fifth Ave)	5d	12-Jan-24	19-Jan-24	28d
Civil Works - Finishing Kerbs and Northbound Lanes		93d	29-May-23	07-Oct-23	2d
DP-2D-CW-1800	Civil Works - Zone 2D - Shift Traffic East	6d	29-May-23	06-Jun-23	3d
DP-2D-CW-1820	Civil Works - Zone 2D - Remove existing asphalt and subbase	8d	06-Jun-23	19-Jun-23	3d
DP-2D-CW-1840	Civil Works - Zone 2D - Prepare subgrade	17d	10-Aug-23	09-Sep-23	3d
DP-2D-CW-1860	Civil Works - Zone 2D - Replace kerb and channel at PUP crossings	3d	09-Sep-23	14-Sep-23	3d
DP-2D-CW-174	Civil Works - Zone 2D - FRP pedestrian footpath at PUP Crossings	0d	14-Sep-23	14-Sep-23	17d
DP-2D-CW-1880	Civil Works - Zone 2D - Place subbase and base course	7d	14-Sep-23	25-Sep-23	3d
DP-2D-CW-1760	Civil Works - Zone 2D - Place asphalt (Incl Prime and Seal)	7d	25-Sep-23	07-Oct-23	3d
DP-2D-CW-1780	Civil Works - Zone 2D - Shift Traffic to Kerb and Shoulder Lanes	0d	07-Oct-23	07-Oct-23	3d
Civil Works - Finishing Kerbs and Southbound Lanes		92d	09-Oct-23	28-Feb-24	30d
DP-2D-CW-1520	Civil Works - Zone 2D - Shift Traffic West	6d	09-Oct-23	16-Oct-23	2d
DP-2D-CW-1720	Civil Works - Zone 2D - Remove existing asphalt and subbase	7d	17-Oct-23	26-Oct-23	22d
DP-2D-CW-1480	Civil Works - Zone 2D - Replace kerb and channel at PUP crossings	3d	26-Oct-23	31-Oct-23	22d
DP-2D-CW-1740	Civil Works - Zone 2D - FRP pedestrian footpath at PUP Crossings	0d	31-Oct-23	31-Oct-23	22d
DP-2D-CW-2120	Civil Works - Zone 2D - Prepare subgrade	15d	05-Jan-24	30-Jan-24	23d
DP-2D-CW-1620	Civil Works - Zone 2D - Place subbase and base course	7d	24-Jan-24	02-Feb-24	27d
DP-2D-CW-1420	Civil Works - Zone 2D - Place asphalt (Incl Prime and Seal)	10d	05-Feb-24	20-Feb-24	23d
DP-2D-CW-1500	Civil Works - Zone 2D - Shift Traffic to Kerb and Shoulder Lanes	6d	20-Feb-24	28-Feb-24	30d
Civil Works - Rail Corridor		62d	24-Nov-23	22-Mar-24	10d
DP-2D-CW-1040	Civil Works - Zone 2D - Demo/Clear/Grub	1d	24-Nov-23	28-Nov-23	2d
DP-2D-CW-2100	Civil Works - Zone 2D - Profile Central Median and Asphalt	5d	28-Nov-23	04-Dec-23	2d
DP-2D-CW-1000	Civil Works - Zone 2D - Shift Traffic to Kerb and Shoulder Lanes	6d	04-Dec-23	12-Dec-23	2d
DP-2D-CW-1100	Civil Works - Zone 2D - Bulk and Detail excavation	24d	12-Dec-23	09-Feb-24	2d
DP-2D-CW-1120	Civil Works - Zone 2D - Flooding and compact subgrade	18d	19-Jan-24	22-Feb-24	2d
DP-2D-CW-1140	Civil Works - Zone 2D - Install CSR conduits and Pits	13d	09-Feb-24	29-Feb-24	2d
DP-2D-CW-1160	Civil Works - Zone 2D - Place and Compact Type 2.1 Road base	15d	15-Feb-24	12-Mar-24	2d
DP-2D-CW-1360	Civil Works - Zone 2D - Final trim and survey	18d	16-Feb-24	19-Mar-24	2d
DP-2D-CW-1180	Civil Works - Zone 2D - Spray bitumen chip seal	2d	19-Mar-24	22-Mar-24	10d
Civil Works - Track		46d	22-Feb-24	16-May-24	2d
DP-2D-TW-1000	Track Works - Zone 2D - Install/weld rail, Rail Systems Loop and form/reo	31d	22-Feb-24	20-Apr-24	2d
DP-2D-TW-1020	Track Works - Zone 2D - Install OLE foundations	31d	22-Feb-24	20-Apr-24	2d
DP-2D-TW-1040	Track Works - Zone 2D - Perform electrical continunity testing/hold points	13d	23-Mar-24	22-Apr-24	2d
DP-2D-TW-1080	Track Works - Zone 2D - Pour concrete, strip formwork and install lids	22d	09-Apr-24	16-May-24	2d
Civil Works - Reinstate Track Verge		41d	26-Apr-24	28-Jun-24	2d
DP-2D-CW-2180	Civil Works - Zone 2D - FRP Kerb Track Side	15d	26-Apr-24	22-May-24	2d
DP-2D-CW-1200	Civil Works - Zone 2D - Place and Compact Type 2.1 Road Base	9d	22-May-24	04-Jun-24	2d
DP-2D-CW-1700	Civil Works - Zone 2D - Place asphalt (Incl Prime and Seal)	17d	04-Jun-24	28-Jun-24	2d
Civil Works - System Fitout		49d	28-Jun-24	07-Sep-24	18d
DP-2D-CW-1640	Civil Works - Zone 2D - Shift traffic to permanent alignment (night works)	6d	28-Jun-24	08-Jul-24	3d
DP-2D-CW-1660	Civil Works - Zone 2D - Erect Overhead Wire Poles with Lighting	4d	08-Jul-24	12-Jul-24	9d
DP-2D-CW-1680	Civil Works - Zone 2D - FRP island platform Stop SAB Incl Conduits	10d	08-Jul-24	23-Jul-24	3d
DP-2D-BW-2040	Building Works - Zone 2D - Stop SAB - Fitout	15d	23-Jul-24	15-Aug-24	22d
DP-2D-CW-1900	Civil Works - Zone 2D - Install island platform Stop SAB Membrane structure Incl Membrane	15d	23-Jul-24	15-Aug-24	3d
DP-2D-BW-2060	Building Works - Zone 2D - Stop SAB - Install comms/UPS cabinets	1d	15-Aug-24	16-Aug-24	21d
DP-2D-BW-2080	Building Works - Zone 2D - Stop SAB - LV distribution board, cabling & fitout	5d	15-Aug-24	22-Aug-24	3d
DP-2D-BW-1100	Building Works - Zone 2D - Stop SAB - Commission	10d	22-Aug-24	07-Sep-24	17d
Civil Works - Finishing		60d	28-Jun-24	30-Sep-24	123d
DP-2D-CW-5000	Civil Works - Zone 2D - Finishing - FRP Blister Islands	5d	28-Jun-24	08-Jul-24	168d
DP-2D-CW-5060	Civil Works - Zone 2D - Finishing - Landscaping	60d	28-Jun-24	30-Sep-24	123d
DP-2D-CW-5020	Civil Works - Zone 2D - Finishing - Final Asphalt Wearing Course	6d	08-Jul-24	16-Jul-24	168d
DP-2D-CW-5040	Civil Works - Zone 2D - Finishing - Pavement Marking	2d	16-Jul-24	19-Jul-24	168d
Civil Works - Lower Gold Coast Highway		91d	29-May-23	05-Oct-23	292d



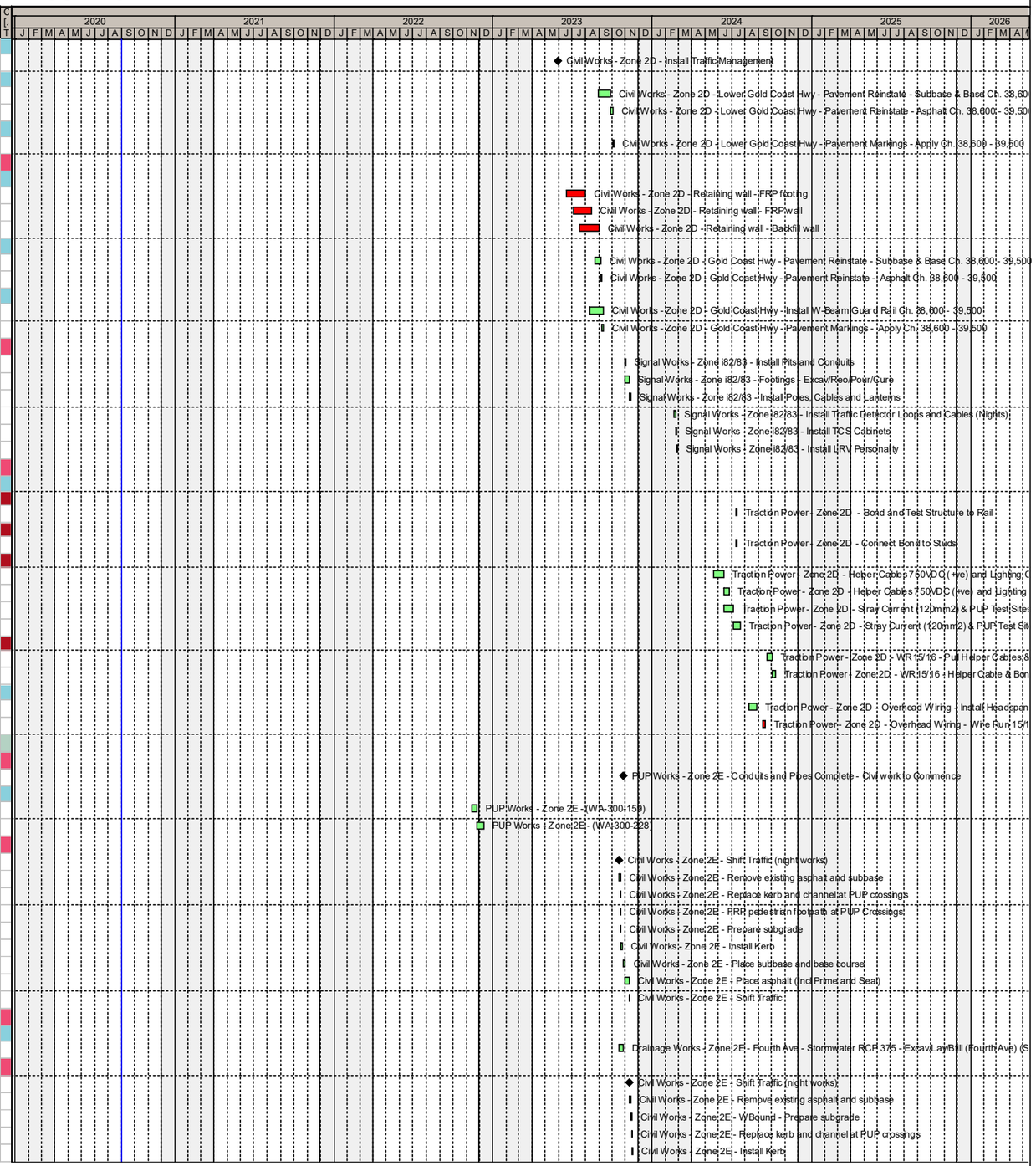
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Traffic Management		0d	29-May-23	29-May-23	18d
DP-2D-TM-1160	Civil Works - Zone 2D - Install Traffic Management	0d	29-May-23		18d
Pavement Works		22d	31-Aug-23	03-Oct-23	292d
DP-2D-CW-2260	Civil Works - Zone 2D - Lower Gold Coast Hwy - Pavement Reinstate - Subbase & Base Ch. 38,600 - 39,500	20d	31-Aug-23	28-Sep-23	292d
DP-2D-CW-2280	Civil Works - Zone 2D - Lower Gold Coast Hwy - Pavement Reinstate - Asphalt Ch. 38,600 - 39,500	2d	28-Sep-23	03-Oct-23	292d
Finishing Works		2d	03-Oct-23	05-Oct-23	292d
DP-2D-CW-2320	Civil Works - Zone 2D - Lower Gold Coast Hwy - Pavement Markings - Apply Ch. 38,600 - 39,500	2d	03-Oct-23	05-Oct-23	292d
Civil Works - Gold Coast Hwy Widening Ch. 38,600 - 39,500		60d	19-Jun-23	12-Sep-23	61d
Retaining Wall Works		53d	19-Jun-23	01-Sep-23	4d
DP-2D-RW-2040	Civil Works - Zone 2D - Retaining wall - FRP footing	30d	19-Jun-23	31-Jul-23	3d
DP-2D-RW-2060	Civil Works - Zone 2D - Retaining wall - FRP wall	30d	03-Jul-23	14-Aug-23	3d
DP-2D-RW-2240	Civil Works - Zone 2D - Retaining wall - Backfill wall	30d	17-Jul-23	01-Sep-23	3d
Pavement Works		12d	22-Aug-23	08-Sep-23	61d
DP-2D-CW-2340	Civil Works - Zone 2D - Gold Coast Hwy - Pavement Reinstate - Subbase & Base Ch. 38,600 - 39,500	10d	22-Aug-23	06-Sep-23	61d
DP-2D-CW-2360	Civil Works - Zone 2D - Gold Coast Hwy - Pavement Reinstate - Asphalt Ch. 38,600 - 39,500	2d	06-Sep-23	08-Sep-23	61d
Finishing Works		22d	11-Aug-23	12-Sep-23	61d
DP-2D-CW-2480	Civil Works - Zone 2D - Gold Coast Hwy - Install W-Beam Guard Rail Ch. 38,600 - 39,500	20d	11-Aug-23	11-Sep-23	63d
DP-2D-CW-2400	Civil Works - Zone 2D - Gold Coast Hwy - Pavement Markings - Apply Ch. 38,600 - 39,500	2d	08-Sep-23	12-Sep-23	61d
Traffic Control Systems (TCS)		62d	31-Oct-23	27-Feb-24	140d
DP-I82-TCS-1000	Signal Works - Zone i82/83 - Install Pits and Conduits	2d	31-Oct-23	02-Nov-23	55d
DP-I82-TCS-1040	Signal Works - Zone i82/83 - Footings - Excav/Reo/Pour/Cure	4d	31-Oct-23	09-Nov-23	168d
DP-I82-TCS-1060	Signal Works - Zone i82/83 - Install Poles, Cables and Lanterns	3d	09-Nov-23	13-Nov-23	190d
DP-I82-TCS-1080	Signal Works - Zone i82/83 - Install Traffic Detector Loops and Cables (Nights)	3d	20-Feb-24	24-Feb-24	140d
DP-I82-TCS-1100	Signal Works - Zone i82/83 - Install TCS Cabinets	1d	24-Feb-24	26-Feb-24	140d
DP-I82-TCS-1120	Signal Works - Zone i82/83 - Install LRV Personality	1d	26-Feb-24	27-Feb-24	140d
Traction Power & Overhead Line		93d	21-May-24	10-Oct-24	10d
CSR Cabling		93d	21-May-24	10-Oct-24	10d
Structure-to-Track		1d	12-Jul-24	13-Jul-24	49d
DP-2D-BC-1540	Traction Power - Zone 2D - Bond and Test Structure to Rail	1d	12-Jul-24	13-Jul-24	49d
Track-to-Track		1d	12-Jul-24	13-Jul-24	49d
DP-2D-BC-1000	Traction Power - Zone 2D - Connect Bond to Studs	1d	12-Jul-24	13-Jul-24	49d
Pit-to-Pit		41d	21-May-24	22-Jul-24	62d
DP-2D-HC-1020	Traction Power - Zone 2D - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	62d
DP-2D-HC-1040	Traction Power - Zone 2D - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	78d
DP-2D-ST-1000	Traction Power - Zone 2D - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	62d
DP-2D-ST-1020	Traction Power - Zone 2D - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	62d
Pit-to-OLE		13d	20-Sep-24	10-Oct-24	10d
DP-2D-HC-1540	Traction Power - Zone 2D - WR 15/16 - Pull Helper Cables & Bonding from Pit to OHL	10d	20-Sep-24	03-Oct-24	10d
DP-2D-HC-1560	Traction Power - Zone 2D - WR 15/16 - Helper Cable & Bonding - Test & Terminate	3d	03-Oct-24	10-Oct-24	10d
Overhead Line		22d	09-Aug-24	17-Sep-24	12d
DP-2D-OH-1020	Traction Power - Zone 2D - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	10d	09-Aug-24	28-Aug-24	19d
DP-2D-OH-1040	Traction Power - Zone 2D - Overhead Wiring - Wire Run 15/16 & QA	4d	10-Sep-24	17-Sep-24	12d
Zone 2E - Fourth Ave (Ch 38,672 - 38,700) - 110m		259d	12-Nov-22	05-Dec-23	250d
Public Utilities Plant Works		231d	12-Nov-22	26-Oct-23	184d
DP-2E-MS-1000	PUP Works - Zone 2E - Conduits and Pipes Complete - Civil work to Commence	0d		26-Oct-23	184d
CoGC - Water		17d	12-Nov-22	10-Dec-22	89d
DP-2E-WT-1010	PUP Works - Zone 2E - (WA-300-159)	9d	12-Nov-22	25-Nov-22	89d
DP-2E-WT-1020	PUP Works - Zone 2E - (WA-300-228)	8d	25-Nov-22	10-Dec-22	89d
Civil Works - Finishing Northern Half		19d	16-Oct-23	10-Nov-23	180d
DP-2E-CW-1520	Civil Works - Zone 2E - Shift Traffic (night works)	0d		16-Oct-23	184d
DP-2E-CW-1720	Civil Works - Zone 2E - Remove existing asphalt and subbase	3d	17-Oct-23	20-Oct-23	160d
DP-2E-CW-1480	Civil Works - Zone 2E - Replace kerb and channel at PUP crossings	0d	20-Oct-23	20-Oct-23	160d
DP-2E-CW-1740	Civil Works - Zone 2E - FRP pedestrian footpath at PUP Crossings	0d	20-Oct-23	20-Oct-23	169d
DP-2E-CW-2120	Civil Works - Zone 2E - Prepare subgrade	1d	20-Oct-23	21-Oct-23	160d
DP-2E-CW-2180	Civil Works - Zone 2E - Install Kerb	2d	21-Oct-23	24-Oct-23	160d
DP-2E-CW-1620	Civil Works - Zone 2E - Place subbase and base course	2d	27-Oct-23	31-Oct-23	183d
DP-2E-CW-1420	Civil Works - Zone 2E - Place asphalt (Incl Prime and Seal)	4d	31-Oct-23	09-Nov-23	158d
DP-2E-CW-1500	Civil Works - Zone 2E - Shift Traffic	1d	09-Nov-23	10-Nov-23	180d
Stormwater Drainage		7d	17-Oct-23	26-Oct-23	158d
Crossing		7d	17-Oct-23	26-Oct-23	158d
DP-2E-DR-1500	Drainage Works - Zone 2E - Fourth Ave - Stormwater RCP 375 - Excav/Lay/Bfill (Fourth Ave) (SIDE STREET)	7d	17-Oct-23	26-Oct-23	158d
Civil Works - Finishing Southern Half		15d	10-Nov-23	01-Dec-23	252d
DP-2E-CW-1800	Civil Works - Zone 2E - Shift Traffic (night works)	0d		10-Nov-23	180d
DP-2E-CW-1820	Civil Works - Zone 2E - Remove existing asphalt and subbase	3d	10-Nov-23	14-Nov-23	158d
DP-2E-CW-1840	Civil Works - Zone 2E - WBound - Prepare subgrade	1d	14-Nov-23	16-Nov-23	158d
DP-2E-CW-1860	Civil Works - Zone 2E - Replace kerb and channel at PUP crossings	0d	16-Nov-23	16-Nov-23	184d
DP-2E-CW-2220	Civil Works - Zone 2E - Install Kerb	2d	16-Nov-23	18-Nov-23	158d

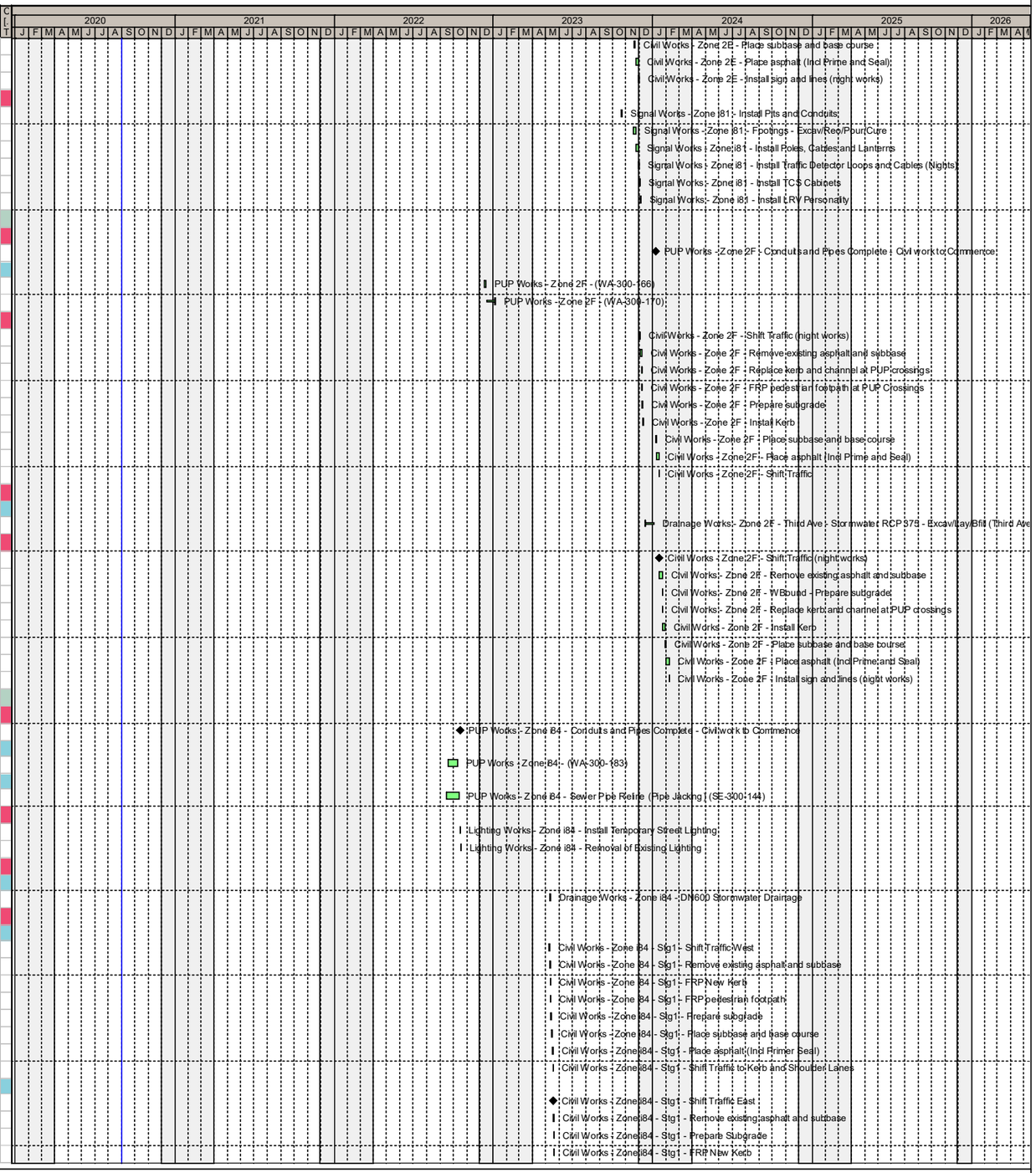


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2E-CW-1880	Civil Works - Zone 2E - Place subbase and base course	2d	20-Nov-23	21-Nov-23	208d
DP-2E-CW-1760	Civil Works - Zone 2E - Place asphalt (Incl Prime and Seal)	4d	23-Nov-23	30-Nov-23	182d
DP-2E-CW-1780	Civil Works - Zone 2E - Install sign and lines (night works)	1d	30-Nov-23	01-Dec-23	252d
Traffic Control Systems (TCS)		27d	21-Oct-23	05-Dec-23	182d
DP-I81-TCS-1000	Signal Works - Zone i81 - Install Pits and Conduits	1d	21-Oct-23	23-Oct-23	197d
DP-I81-TCS-1040	Signal Works - Zone i81 - Footings - Excav/Reo/Pour/Cure	3d	18-Nov-23	24-Nov-23	158d
DP-I81-TCS-1060	Signal Works - Zone i81 - Install Poles, Cables and Lanterns	2d	24-Nov-23	29-Nov-23	182d
DP-I81-TCS-1080	Signal Works - Zone i81 - Install Traffic Detector Loops and Cables (Nights)	2d	30-Nov-23	02-Dec-23	182d
DP-I81-TCS-1100	Signal Works - Zone i81 - Install TCS Cabinets	1d	02-Dec-23	04-Dec-23	182d
DP-I81-TCS-1120	Signal Works - Zone i81 - Install LRV Personality	1d	04-Dec-23	05-Dec-23	182d
Zone 2F - Third Ave (Ch 38,902 - 38,930) - 110m		276d	10-Dec-22	09-Feb-24	252d
Public Utilities Plant Works		253d	10-Dec-22	08-Jan-24	251d
DP-2F-MS-1000	PUP Works - Zone 2F - Conduits and Pipes Complete - Civil work to Commence	0d		08-Jan-24	251d
CoGC - Water		6d	10-Dec-22	06-Jan-23	89d
DP-2F-WT-1000	PUP Works - Zone 2F - (WA-300-166)	3d	10-Dec-22	15-Dec-22	89d
DP-2F-WT-1020	PUP Works - Zone 2F - (WA-300-170)	3d	16-Dec-22	06-Jan-23	89d
Civil Works - Finishing Northern Half		22d	01-Dec-23	16-Jan-24	253d
DP-2F-CW-1520	Civil Works - Zone 2F - Shift Traffic (night works)	1d	01-Dec-23	04-Dec-23	252d
DP-2F-CW-1720	Civil Works - Zone 2F - Remove existing asphalt and subbase	3d	04-Dec-23	08-Dec-23	225d
DP-2F-CW-1480	Civil Works - Zone 2F - Replace kerb and channel at PUP crossings	0d	08-Dec-23	08-Dec-23	225d
DP-2F-CW-1740	Civil Works - Zone 2F - FRP pedestrian footpath at PUP Crossings	0d	08-Dec-23	08-Dec-23	234d
DP-2F-CW-2120	Civil Works - Zone 2F - Prepare subgrade	1d	08-Dec-23	09-Dec-23	225d
DP-2F-CW-2180	Civil Works - Zone 2F - Install Kerb	2d	09-Dec-23	12-Dec-23	225d
DP-2F-CW-1620	Civil Works - Zone 2F - Place subbase and base course	2d	08-Jan-24	09-Jan-24	251d
DP-2F-CW-1420	Civil Works - Zone 2F - Place asphalt (Incl Prime and Seal)	4d	10-Jan-24	15-Jan-24	220d
DP-2F-CW-1500	Civil Works - Zone 2F - Shift Traffic	1d	15-Jan-24	16-Jan-24	253d
Stormwater Drainage		9d	04-Dec-23	03-Jan-24	220d
Crossing		9d	04-Dec-23	03-Jan-24	220d
DP-2F-DR-1540	Drainage Works - Zone 2F - Third Ave - Stormwater RCP 375 - Excav/Lay/Bfill (Third Ave) (SIDE STREET)	9d	04-Dec-23	03-Jan-24	220d
Civil Works - Finishing Southern Half		17d	16-Jan-24	09-Feb-24	252d
DP-2F-CW-1800	Civil Works - Zone 2F - Shift Traffic (night works)	0d		16-Jan-24	253d
DP-2F-CW-1820	Civil Works - Zone 2F - Remove existing asphalt and subbase	3d	16-Jan-24	23-Jan-24	220d
DP-2F-CW-1840	Civil Works - Zone 2F - WBound - Prepare subgrade	1d	23-Jan-24	24-Jan-24	220d
DP-2F-CW-1860	Civil Works - Zone 2F - Replace kerb and channel at PUP crossings	0d	24-Jan-24	24-Jan-24	222d
DP-2F-CW-2220	Civil Works - Zone 2F - Install Kerb	2d	24-Jan-24	29-Jan-24	220d
DP-2F-CW-1880	Civil Works - Zone 2F - Place subbase and base course	2d	29-Jan-24	31-Jan-24	252d
DP-2F-CW-1760	Civil Works - Zone 2F - Place asphalt (Incl Prime and Seal)	4d	01-Feb-24	08-Feb-24	221d
DP-2F-CW-1780	Civil Works - Zone 2F - Install sign and lines (night works)	1d	08-Feb-24	09-Feb-24	252d
Zone i84 Intersection - Staged - West Burleigh Rd (Ch 39,515 - 39,555) - 40m		490d	15-Sep-22	17-Sep-24	90d
Public Utilities Plant Works		21d	15-Sep-22	17-Oct-22	226d
DP-I84-MS-1000	PUP Works - Zone i84 - Conduits and Pipes Complete - Civil work to Commence	0d		17-Oct-22	226d
CoGC - Water		14d	19-Sep-22	10-Oct-22	200d
DP-I84-WT-1010	PUP Works - Zone i84 - (WA-300-183)	14d	19-Sep-22	10-Oct-22	200d
CoGC - Sewer		20d	15-Sep-22	15-Oct-22	169d
DP-I84-SW-1000	PUP Works - Zone i84 - Sewer Pipe Reline (Pipe Jacking) (SE-300-144)	20d	15-Sep-22	15-Oct-22	169d
Street Lighting Relocations		2d	17-Oct-22	18-Oct-22	226d
DP-I84-Stl-1000	Lighting Works - Zone i84 - Install Temporary Street Lighting	1d	17-Oct-22	17-Oct-22	226d
DP-I84-Stl-1020	Lighting Works - Zone i84 - Removal of Existing Lighting	1d	18-Oct-22	18-Oct-22	226d
Stormwater Drainage		3d	09-May-23	12-May-23	97d
Southbound		3d	09-May-23	12-May-23	97d
DP-I84-DR-2000	Drainage Works - Zone i84 - DN600 Stormwater Drainage	3d	09-May-23	12-May-23	97d
Stage 1		30d	08-May-23	17-Jun-23	102d
Civil Works - Finishing Kerbs and Southbound Lanes		8d	08-May-23	18-May-23	99d
DP-I84-CW-1520	Civil Works - Zone i84 - Stg1 - Shift Traffic West	1d	08-May-23	09-May-23	97d
DP-I84-CW-1720	Civil Works - Zone i84 - Stg1 - Remove existing asphalt and subbase	1d	09-May-23	11-May-23	93d
DP-I84-CW-1480	Civil Works - Zone i84 - Stg1 - FRP New Kerb	0d	11-May-23	11-May-23	93d
DP-I84-CW-1740	Civil Works - Zone i84 - Stg1 - FRP pedestrian footpath	0d	11-May-23	11-May-23	97d
DP-I84-CW-2120	Civil Works - Zone i84 - Stg1 - Prepare subgrade	1d	12-May-23	13-May-23	92d
DP-I84-CW-1620	Civil Works - Zone i84 - Stg1 - Place subbase and base course	1d	13-May-23	15-May-23	92d
DP-I84-CW-1420	Civil Works - Zone i84 - Stg1 - Place asphalt (Incl Primer Seal)	2d	15-May-23	17-May-23	92d
DP-I84-CW-1500	Civil Works - Zone i84 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	1d	17-May-23	18-May-23	99d
Civil Works - Finishing Kerbs and Northbound Lanes		6d	18-May-23	26-May-23	100d
DP-I84-CW-1800	Civil Works - Zone i84 - Stg1 - Shift Traffic East	0d		18-May-23	99d
DP-I84-CW-1820	Civil Works - Zone i84 - Stg1 - Remove existing asphalt and subbase	1d	18-May-23	19-May-23	93d
DP-I84-CW-1840	Civil Works - Zone i84 - Stg1 - Prepare Subgrade	1d	19-May-23	20-May-23	93d
DP-I84-CW-2740	Civil Works - Zone i84 - Stg1 - FRP New Kerb	0d	20-May-23	20-May-23	93d

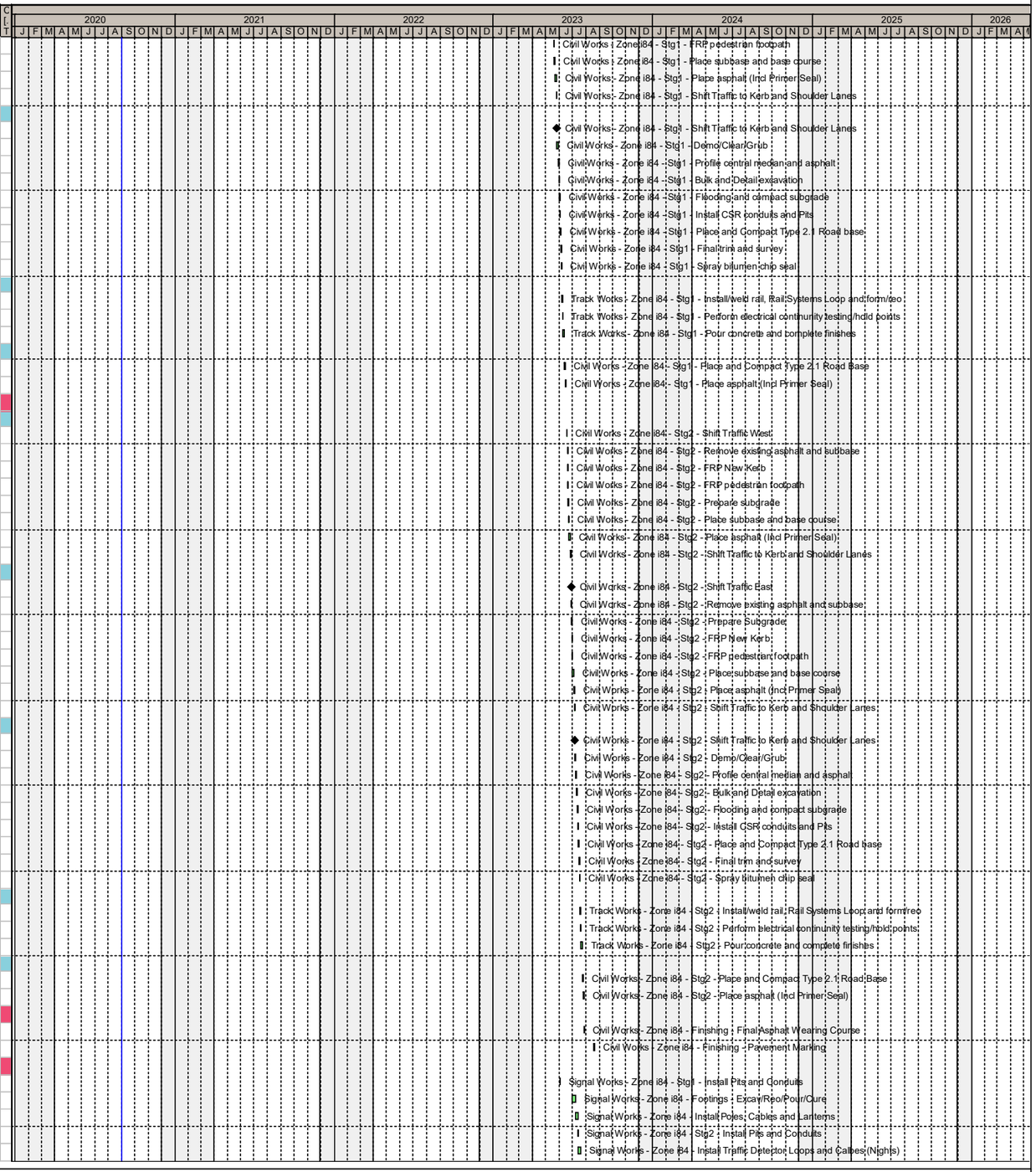


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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

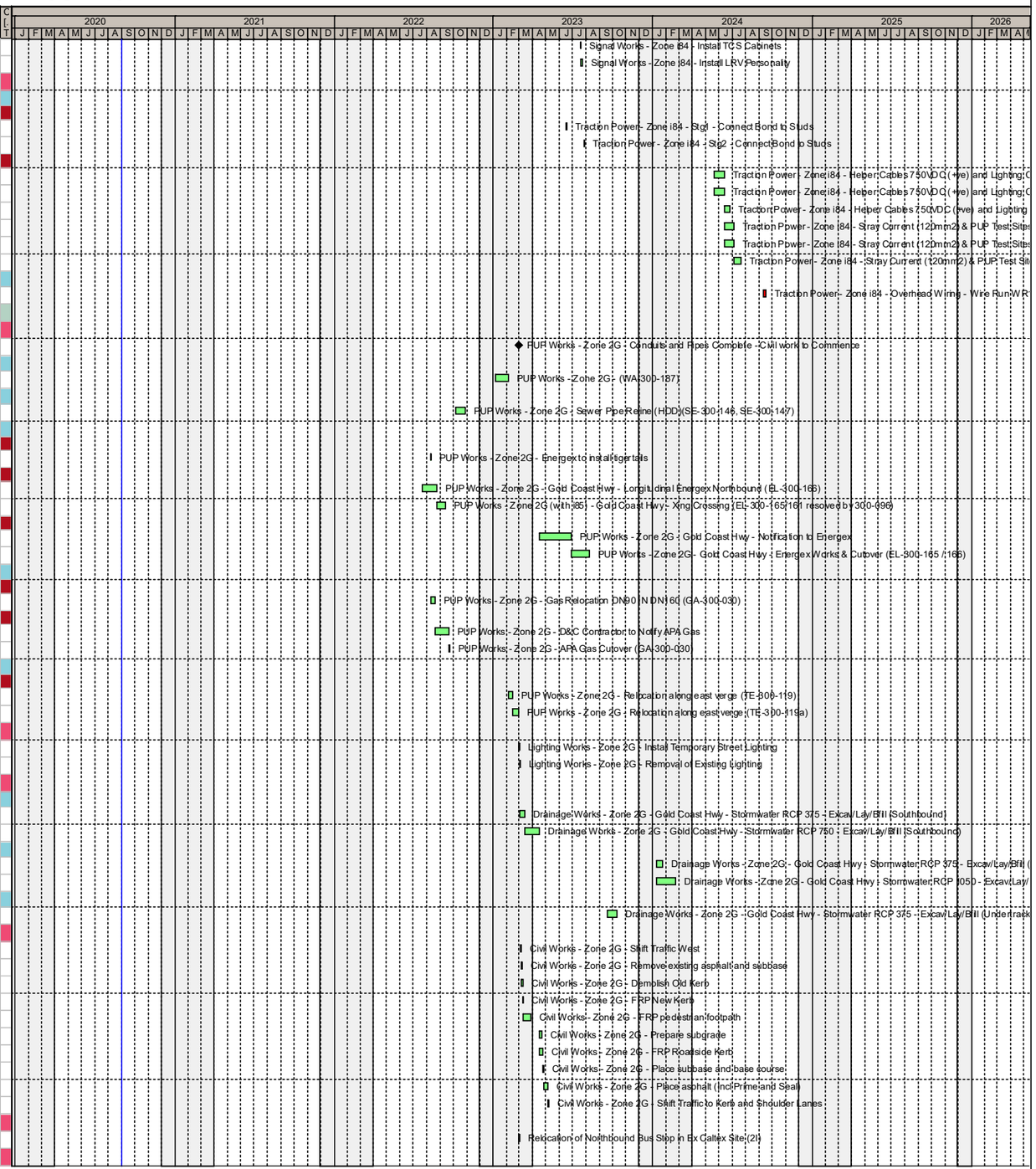
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I84-CW-2760	Civil Works - Zone i84 - Stg1 - FRP pedestrian footpath	0d	20-May-23	20-May-23	96d
DP-I84-CW-1880	Civil Works - Zone i84 - Stg1 - Place subbase and base course	1d	20-May-23	22-May-23	93d
DP-I84-CW-1760	Civil Works - Zone i84 - Stg1 - Place asphalt (Incl Primer Seal)	2d	22-May-23	25-May-23	93d
DP-I84-CW-1780	Civil Works - Zone i84 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	1d	25-May-23	26-May-23	100d
Civil Works - Rail Corridor		8d	26-May-23	07-Jun-23	93d
DP-I84-CW-1000	Civil Works - Zone i84 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	0d		26-May-23	93d
DP-I84-CW-1040	Civil Works - Zone i84 - Stg1 - Demo/Clear/Grub	1d	26-May-23	29-May-23	93d
DP-I84-CW-2100	Civil Works - Zone i84 - Stg1 - Profile central median and asphalt	1d	30-May-23	31-May-23	93d
DP-I84-CW-1100	Civil Works - Zone i84 - Stg1 - Bulk and Detail excavation	1d	31-May-23	01-Jun-23	93d
DP-I84-CW-1120	Civil Works - Zone i84 - Stg1 - Flooding and compact subgrade	1d	01-Jun-23	02-Jun-23	93d
DP-I84-CW-1140	Civil Works - Zone i84 - Stg1 - Install CSR conduits and Pits	1d	02-Jun-23	03-Jun-23	94d
DP-I84-CW-1160	Civil Works - Zone i84 - Stg1 - Place and Compact Type 2.1 Road base	1d	03-Jun-23	05-Jun-23	93d
DP-I84-CW-1360	Civil Works - Zone i84 - Stg1 - Final trim and survey	1d	05-Jun-23	06-Jun-23	93d
DP-I84-CW-1180	Civil Works - Zone i84 - Stg1 - Spray bitumen chip seal	1d	06-Jun-23	07-Jun-23	93d
Civil Works - Track		3d	07-Jun-23	13-Jun-23	93d
DP-I84-TW-1000	Track Works - Zone i84 - Stg1 - Install/weld rail, Rail Systems Loop and form/reo	1d	07-Jun-23	08-Jun-23	93d
DP-I84-TW-1040	Track Works - Zone i84 - Stg1 - Perform electrical continunity testing/hold points	1d	08-Jun-23	09-Jun-23	93d
DP-I84-TW-1080	Track Works - Zone i84 - Stg1 - Pour concrete and complete finishes	1d	09-Jun-23	13-Jun-23	93d
Civil Works - Reinstate Track Verge		3d	13-Jun-23	17-Jun-23	93d
DP-I84-CW-1200	Civil Works - Zone i84 - Stg1 - Place and Compact Type 2.1 Road Base	1d	13-Jun-23	15-Jun-23	93d
DP-I84-CW-1700	Civil Works - Zone i84 - Stg1 - Place asphalt (Incl Primer Seal)	2d	15-Jun-23	17-Jun-23	93d
Stage 2		28d	19-Jun-23	27-Jul-23	106d
Civil Works - Finishing Kerbs and Southbound Lanes		7d	19-Jun-23	28-Jun-23	102d
DP-I84-CW-2400	Civil Works - Zone i84 - Stg2 - Shift Traffic West	1d	19-Jun-23	19-Jun-23	102d
DP-I84-CW-2500	Civil Works - Zone i84 - Stg2 - Remove existing asphalt and subbase	1d	20-Jun-23	21-Jun-23	94d
DP-I84-CW-2360	Civil Works - Zone i84 - Stg2 - FRP New Kerb	0d	21-Jun-23	21-Jun-23	94d
DP-I84-CW-2520	Civil Works - Zone i84 - Stg2 - FRP pedestrian footpath	0d	21-Jun-23	21-Jun-23	98d
DP-I84-CW-2720	Civil Works - Zone i84 - Stg2 - Prepare subgrade	1d	21-Jun-23	22-Jun-23	94d
DP-I84-CW-2420	Civil Works - Zone i84 - Stg2 - Place subbase and base course	1d	22-Jun-23	23-Jun-23	94d
DP-I84-CW-2340	Civil Works - Zone i84 - Stg2 - Place asphalt (Incl Primer Seal)	2d	23-Jun-23	27-Jun-23	94d
DP-I84-CW-2380	Civil Works - Zone i84 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	1d	27-Jun-23	28-Jun-23	102d
Civil Works - Finishing Kerbs and Northbound Lanes		7d	28-Jun-23	07-Jul-23	103d
DP-I84-CW-2600	Civil Works - Zone i84 - Stg2 - Shift Traffic East	0d		28-Jun-23	102d
DP-I84-CW-2640	Civil Works - Zone i84 - Stg2 - Remove existing asphalt and subbase	1d	28-Jun-23	29-Jun-23	94d
DP-I84-CW-2660	Civil Works - Zone i84 - Stg2 - Prepare Subgrade	1d	29-Jun-23	30-Jun-23	94d
DP-I84-CW-2780	Civil Works - Zone i84 - Stg2 - FRP New Kerb	0d	30-Jun-23	30-Jun-23	94d
DP-I84-CW-2800	Civil Works - Zone i84 - Stg2 - FRP pedestrian footpath	0d	30-Jun-23	30-Jun-23	97d
DP-I84-CW-2620	Civil Works - Zone i84 - Stg2 - Place subbase and base course	1d	30-Jun-23	04-Jul-23	94d
DP-I84-CW-2540	Civil Works - Zone i84 - Stg2 - Place asphalt (Incl Primer Seal)	2d	04-Jul-23	06-Jul-23	94d
DP-I84-CW-2580	Civil Works - Zone i84 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	1d	06-Jul-23	07-Jul-23	103d
Civil Works - Rail Corridor		8d	07-Jul-23	18-Jul-23	94d
DP-I84-CW-2140	Civil Works - Zone i84 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	0d		07-Jul-23	94d
DP-I84-CW-2160	Civil Works - Zone i84 - Stg2 - Demo/Clear/Grub	1d	07-Jul-23	08-Jul-23	94d
DP-I84-CW-2700	Civil Works - Zone i84 - Stg2 - Profile central median and asphalt	1d	08-Jul-23	10-Jul-23	94d
DP-I84-CW-2180	Civil Works - Zone i84 - Stg2 - Bulk and Detail excavation	1d	10-Jul-23	11-Jul-23	94d
DP-I84-CW-2200	Civil Works - Zone i84 - Stg2 - Flooding and compact subgrade	1d	11-Jul-23	13-Jul-23	94d
DP-I84-CW-2220	Civil Works - Zone i84 - Stg2 - Install CSR conduits and Pits	1d	13-Jul-23	14-Jul-23	95d
DP-I84-CW-2240	Civil Works - Zone i84 - Stg2 - Place and Compact Type 2.1 Road base	1d	14-Jul-23	15-Jul-23	94d
DP-I84-CW-2320	Civil Works - Zone i84 - Stg2 - Final trim and survey	1d	15-Jul-23	17-Jul-23	94d
DP-I84-CW-2260	Civil Works - Zone i84 - Stg2 - Spray bitumen chip seal	1d	17-Jul-23	18-Jul-23	94d
Civil Works - Track		3d	18-Jul-23	24-Jul-23	94d
DP-I84-TW-1355	Track Works - Zone i84 - Stg2 - Install/weld rail, Rail Systems Loop and form/reo	1d	18-Jul-23	19-Jul-23	94d
DP-I84-TW-1395	Track Works - Zone i84 - Stg2 - Perform electrical continunity testing/hold points	1d	20-Jul-23	21-Jul-23	94d
DP-I84-TW-1415	Track Works - Zone i84 - Stg2 - Pour concrete and complete finishes	1d	21-Jul-23	24-Jul-23	94d
Civil Works - Reinstate Track Verge		3d	24-Jul-23	27-Jul-23	94d
DP-I84-CW-2280	Civil Works - Zone i84 - Stg2 - Place and Compact Type 2.1 Road Base	1d	24-Jul-23	25-Jul-23	94d
DP-I84-CW-2480	Civil Works - Zone i84 - Stg2 - Place asphalt (Incl Primer Seal)	2d	25-Jul-23	27-Jul-23	94d
Civil Works - Finishing		15d	27-Jul-23	21-Aug-23	309d
DP-I84-CW-5020	Civil Works - Zone i84 - Finishing - Final Asphalt Wearing Course	1d	27-Jul-23	28-Jul-23	321d
DP-I84-CW-5040	Civil Works - Zone i84 - Finishing - Pavement Marking	2d	18-Aug-23	21-Aug-23	309d
Traffic Control Systems (TCS)		34d	02-Jun-23	24-Jul-23	260d
DP-I84-TCS-1000	Signal Works - Zone i84 - Stg1 - Install Pits and Conduits	1d	02-Jun-23	03-Jun-23	93d
DP-I84-TCS-1040	Signal Works - Zone i84 - Footings - Excav/Reo/Pour/Cure	5d	30-Jun-23	08-Jul-23	255d
DP-I84-TCS-1060	Signal Works - Zone i84 - Install Poles, Cables and Lanterns	4d	08-Jul-23	14-Jul-23	260d
DP-I84-TCS-1020	Signal Works - Zone i84 - Stg2 - Install Pits and Conduits	1d	13-Jul-23	14-Jul-23	94d
DP-I84-TCS-1080	Signal Works - Zone i84 - Install Traffic Detector Loops and Calbes (Nights)	4d	14-Jul-23	20-Jul-23	260d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C
DP-I84-TCS-1100	Signal Works - Zone i84 - Install TCS Cabinets	1d	20-Jul-23	21-Jul-23	260d	
DP-I84-TCS-1120	Signal Works - Zone i84 - Install LRV Personality	1d	21-Jul-23	24-Jul-23	260d	
Traction Power & Overhead Line		273d	17-Jun-23	17-Sep-24	25d	
CSR Cabling		236d	17-Jun-23	22-Jul-24	62d	
Track-to-Track		28d	17-Jun-23	28-Jul-23	258d	
DP-i84-BC-1000	Traction Power - Zone i84 - Stg1 - Connect Bond to Studs	1d	17-Jun-23	19-Jun-23	284d	
DP-i84-BC-1020	Traction Power - Zone i84 - Stg2 - Connect Bond to Studs	1d	27-Jul-23	28-Jul-23	258d	
Pit-to-Pit		41d	21-May-24	22-Jul-24	62d	
DP-i84-HC-1020	Traction Power - Zone i84 - Heber Cables 750VDC (+ve) and Lighting Cables(Stage 1) - Pull Cable (Incl Fit Out Pi	15d	21-May-24	14-Jun-24	62d	
DP-i84-HC-1040	Traction Power - Zone i84 - Heber Cables 750VDC (+ve) and Lighting Cables(Stage 2) - Pull Cable (Incl Fit Out Pi	15d	21-May-24	14-Jun-24	62d	
DP-i84-HC-1060	Traction Power - Zone i84 - Heber Cables 750VDC (+ve) and Lighting Cables(Stage 2) - Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	78d	
DP-i84-ST-1000	Traction Power - Zone i84 - Stray Current (120mm2) & PUP Test Sites(Stage 1) - Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	62d	
DP-i84-ST-1040	Traction Power - Zone i84 - Stray Current (120mm2) & PUP Test Sites(Stage 2) - Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	62d	
DP-i84-ST-1060	Traction Power - Zone i84 - Stray Current (120mm2) & PUP Test Sites(Stage 2) - Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	62d	
Overhead Line		4d	10-Sep-24	17-Sep-24	17d	
DP-I84-OH-1040	Traction Power - Zone i84 - Overhead Wiring - Wire Run WR15/16 & QA	4d	10-Sep-24	17-Sep-24	17d	
Zone 2G (Ch 39,555 - 39,735) - 180m		542d	21-Jul-22	04-Oct-24	144d	
Public Utilities Plant Works		257d	21-Jul-22	09-Aug-23	255d	
DP-2G-MS-1000	PUP Works - Zone 2G - Conduits and Pipes Complete - Civil work to Commence	0d		28-Feb-23	101d	
CoGC - Water		17d	06-Jan-23	04-Feb-23	89d	
DP-2G-WT-1060	PUP Works - Zone 2G - (WA-300-187)	17d	06-Jan-23	04-Feb-23	89d	
CoGC - Sewer		16d	06-Oct-22	29-Oct-22	23d	
DP-2G-SW-1020	PUP Works - Zone 2G - Sewer Pipe Reline (HDD)(SE-300-146, SE-300-147)	16d	06-Oct-22	29-Oct-22	23d	
Energex		257d	21-Jul-22	09-Aug-23	255d	
Pre-Works		1d	10-Aug-22	11-Aug-22	199d	
DP-2G-EG-1350	PUP Works - Zone 2G - Energex to install tigertails	1d	10-Aug-22	11-Aug-22	199d	
Conduits & Pits		35d	21-Jul-22	12-Sep-22	75d	
DP-2G-EG-1020	PUP Works - Zone 2G - Gold Coast Hwy - Longitudinal Energex Northbound (EL-300-166)	24d	21-Jul-22	25-Aug-22	75d	
DP-2G-EG-1000	PUP Works - Zone 2G (with i85) - Gold Coast Hwy - Xing Crossing (EL-300-165/161 resolved by 300-096)	11d	25-Aug-22	12-Sep-22	75d	
Energex Works		80d	17-Apr-23	09-Aug-23	255d	
DP-2G-EG-2000	PUP Works - Zone 2G - Gold Coast Hwy - Notification to Energex	50d	17-Apr-23	28-Jun-23	255d	
DP-2G-EG-2010	PUP Works - Zone 2G - Gold Coast Hwy - Energex Works & Cutover (EL-300-165 / 166)	30d	28-Jun-23	09-Aug-23	255d	
APA Gas		31d	10-Aug-22	23-Sep-22	175d	
Protect / Relocate		8d	10-Aug-22	20-Aug-22	175d	
DP-2G-GA-1000	PUP Works - Zone 2G - Gas Relocation DN90 IN DN160 (GA-300-030)	8d	10-Aug-22	20-Aug-22	175d	
Cutover		23d	20-Aug-22	23-Sep-22	175d	
DP-2G-GA-1180	PUP Works - Zone 2G - D&C Contractor to Notify APA Gas	20d	20-Aug-22	20-Sep-22	175d	
DP-2G-GA-1200	PUP Works - Zone 2G - APA Gas Cutover (GA-300-030)	3d	20-Sep-22	23-Sep-22	175d	
Telstra		16d	04-Feb-23	28-Feb-23	89d	
Relocate Conduits & Cable Pull		16d	04-Feb-23	28-Feb-23	89d	
DP-2G-TLS-1560	PUP Works - Zone 2G - Relocation along east verge (TE-300-119)	6d	04-Feb-23	14-Feb-23	89d	
DP-2G-TLS-1580	PUP Works - Zone 2G - Relocation along east verge (TE-300-119a)	10d	14-Feb-23	28-Feb-23	89d	
Street Lighting Relocations		3d	28-Feb-23	03-Mar-23	119d	
DP-2G-Stl-1000	Lighting Works - Zone 2G - Install Temporary Street Lighting	1d	28-Feb-23	01-Mar-23	119d	
DP-2G-Stl-1020	Lighting Works - Zone 2G - Removal of Existing Lighting	2d	01-Mar-23	03-Mar-23	119d	
Stormwater Drainage		209d	02-Mar-23	23-Feb-24	89d	
Southbound		23d	02-Mar-23	17-Apr-23	89d	
DP-2G-DR-1600	Drainage Works - Zone 2G - Gold Coast Hwy - Stormwater RCP 375 - Excav/Lay/Bfll (Southbound)	7d	02-Mar-23	14-Mar-23	89d	
DP-2G-DR-2220	Drainage Works - Zone 2G - Gold Coast Hwy - Stormwater RCP 750 - Excav/Lay/Bfll (Southbound)	16d	14-Mar-23	17-Apr-23	89d	
Northbound		27d	09-Jan-24	23-Feb-24	89d	
DP-2G-DR-1580	Drainage Works - Zone 2G - Gold Coast Hwy - Stormwater RCP 375 - Excav/Lay/Bfll (Northbound)	10d	09-Jan-24	24-Jan-24	89d	
DP-2G-DR-2240	Drainage Works - Zone 2G - Gold Coast Hwy - Stormwater RCP 1050 - Excav/Lay/Bfll (Northbound)	27d	09-Jan-24	23-Feb-24	89d	
Undertrack		14d	19-Sep-23	10-Oct-23	92d	
DP-2G-DR-1620	Drainage Works - Zone 2G - Gold Coast Hwy - Stormwater RCP 375 - Excav/Lay/Bfll (Undertrack)	14d	19-Sep-23	10-Oct-23	92d	
Civil Works - Finishing Kerbs and Southbound Lanes		42d	03-Mar-23	08-May-23	97d	
DP-2G-CW-1520	Civil Works - Zone 2G - Shift Traffic West	1d	03-Mar-23	06-Mar-23	119d	
DP-2G-CW-1720	Civil Works - Zone 2G - Remove existing asphalt and subbase	2d	06-Mar-23	08-Mar-23	108d	
DP-2G-CW-1540	Civil Works - Zone 2G - Demolish Old Kerb	4d	06-Mar-23	10-Mar-23	119d	
DP-2G-CW-1480	Civil Works - Zone 2G - FRP New Kerb	0d	10-Mar-23	10-Mar-23	106d	
DP-2G-CW-1740	Civil Works - Zone 2G - FRP pedestrian footpath	11d	10-Mar-23	28-Mar-23	107d	
DP-2G-CW-2120	Civil Works - Zone 2G - Prepare subgrade	4d	17-Apr-23	22-Apr-23	89d	
DP-2G-CW-1560	Civil Works - Zone 2G - FRP Roadside Kerb	5d	17-Apr-23	24-Apr-23	96d	
DP-2G-CW-1620	Civil Works - Zone 2G - Place subbase and base course	2d	24-Apr-23	27-Apr-23	96d	
DP-2G-CW-1420	Civil Works - Zone 2G - Place asphalt (Incl Prime and Seal)	5d	27-Apr-23	05-May-23	90d	
DP-2G-CW-1500	Civil Works - Zone 2G - Shift Traffic to Kerb and Shoulder Lanes	1d	05-May-23	08-May-23	97d	
Relocation of Bus Stop		1d	28-Feb-23	01-Mar-23	101d	
DP-2G-DR-2040	Relocation of Northbound Bus Stop in Ex Caltex Site (2I)	1d	28-Feb-23	01-Mar-23	101d	
Civil Works - Rail Corridor		33d	18-Sep-23	10-Nov-23	92d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
DP-2G-CW-1000	Civil Works - Zone 2G - Shift Traffic to Kerb and Shoulder Lanes	0d		18-Sep-23	92d	
DP-2G-CW-1040	Civil Works - Zone 2G - Demo/Clear/Grub	1d	18-Sep-23	19-Sep-23	92d	
DP-2G-CW-2100	Civil Works - Zone 2G - Profile central median and asphalt	1d	10-Oct-23	12-Oct-23	92d	
DP-2G-CW-1100	Civil Works - Zone 2G - Bulk and Detail excavation (Includes protection Telstra Asset TE-300-120)	5d	12-Oct-23	19-Oct-23	92d	
DP-2G-CW-1120	Civil Works - Zone 2G - Flooding and compact subgrade	3d	19-Oct-23	23-Oct-23	92d	
DP-2G-CW-1140	Civil Works - Zone 2G - Install CSR conduits and Pits	2d	23-Oct-23	26-Oct-23	92d	
DP-2G-CW-1160	Civil Works - Zone 2G - Place and Compact Type 2.1 Road base	3d	26-Oct-23	01-Nov-23	92d	
DP-2G-CW-1360	Civil Works - Zone 2G - Final trim and survey	3d	01-Nov-23	09-Nov-23	92d	
DP-2G-CW-1180	Civil Works - Zone 2G - Spray bitumen chip seal	1d	09-Nov-23	10-Nov-23	92d	
Civil Works - Track		13d	10-Nov-23	30-Nov-23	92d	
DP-2G-TW-1000	Track Works - Zone 2G - Install/weld rail, Rail Systems Loop and form/reo	6d	10-Nov-23	18-Nov-23	92d	
DP-2G-TW-1020	Track Works - Zone 2G - Install OLE foundations	6d	10-Nov-23	18-Nov-23	92d	
DP-2G-TW-1040	Track Works - Zone 2G - Perform electrical continunity testing/hold points	2d	18-Nov-23	21-Nov-23	92d	
DP-2G-TW-1080	Track Works - Zone 2G - Pour concrete, strip formwork and install lids	5d	21-Nov-23	30-Nov-23	92d	
Civil Works - Reinstate Track Verge		11d	01-Dec-23	03-Jan-24	92d	
DP-2G-CW-2180	Civil Works - Zone 2G - FRP Kerb Track Side	3d	01-Dec-23	05-Dec-23	92d	
DP-2G-CW-1200	Civil Works - Zone 2G - Place and Compact Type 2.1 Road Base	2d	05-Dec-23	08-Dec-23	92d	
DP-2G-CW-1700	Civil Works - Zone 2G - Place asphalt (Incl Prime and Seal)	6d	08-Dec-23	03-Jan-24	92d	
Civil Works - Finishing Kerbs and Northbound Lanes		69d	15-Dec-23	09-Apr-24	96d	
DP-2G-CW-1900	Civil Works - Zone 2G - Demolish Old Kerb (At West Burleigh Island)	1d	15-Dec-23	15-Dec-23	106d	
DP-2G-CW-1920	Civil Works - Zone 2G - FRP New Kerb (At West Burleigh Island)	5d	18-Dec-23	22-Dec-23	106d	
DP-2G-CW-2260	Civil Works - Zone 2G - Shift Traffic East	1d	08-Jan-24	08-Jan-24	106d	
DP-2G-CW-1940	Civil Works - Zone 2G - Demolish Old Kerb (Alongside Shops)	1d	09-Jan-24	09-Jan-24	138d	
DP-2G-CW-1960	Civil Works - Zone 2G - FRP New Kerb (Alongside Shops)	5d	23-Feb-24	01-Mar-24	102d	
DP-2G-CW-1820	Civil Works - Zone 2G - Remove existing asphalt and subbase	1d	01-Mar-24	04-Mar-24	89d	
DP-2G-CW-1840	Civil Works - Zone 2G - Prepare subgrade	3d	04-Mar-24	08-Mar-24	89d	
DP-2G-CW-1880	Civil Works - Zone 2G - Place subbase and base course	1d	08-Mar-24	11-Mar-24	100d	
DP-2G-CW-1760	Civil Works - Zone 2G - Place asphalt (Incl Prime and Seal)	4d	11-Mar-24	15-Mar-24	95d	
DP-2G-CW-2240	Civil Works - Zone 2G - FRP pedestrian footpath	11d	11-Mar-24	08-Apr-24	88d	
DP-2G-CW-1780	Civil Works - Zone 2G - Shift Traffic to Kerb and Shoulder Lanes	1d	08-Apr-24	09-Apr-24	96d	
Civil Works - System Fitout		3d	09-Apr-24	12-Apr-24	95d	
DP-2G-CW-1640	Civil Works - Zone 2G - Shift traffic to permanent alignment (night works)	0d		09-Apr-24	96d	
DP-2G-CW-1660	Civil Works - Zone 2G - Erect Overhead Wire Poles with Lighting	2d	09-Apr-24	12-Apr-24	88d	
Civil Works - Finishing		11d	09-Apr-24	24-Apr-24	224d	
DP-2G-CW-5000	Civil Works - Zone 2G - Finishing - FRP Blister Islands	3d	09-Apr-24	13-Apr-24	185d	
DP-2G-CW-5060	Civil Works - Zone 2G - Finishing - Landscaping	11d	09-Apr-24	24-Apr-24	224d	
DP-2G-CW-5020	Civil Works - Zone 2G - Finishing - Final Asphalt Wearing Course	1d	13-Apr-24	15-Apr-24	185d	
DP-2G-CW-5040	Civil Works - Zone 2G - Finishing - Pavement Marking	2d	15-Apr-24	18-Apr-24	185d	
Traction Power & Overhead Line		114d	12-Apr-24	04-Oct-24	12d	
CSR Cabling		114d	12-Apr-24	04-Oct-24	12d	
Structure-to-Track		1d	12-Apr-24	13-Apr-24	125d	
DP-2G-BC-1580	Traction Power - Zone 2G - Bond and Test Structure to Rail	1d	12-Apr-24	13-Apr-24	125d	
Track-to-Track		1d	12-Apr-24	13-Apr-24	125d	
DP-2G-BC-1000	Traction Power - Zone 2G - Connect Bond to Studs	1d	12-Apr-24	13-Apr-24	125d	
Pit-to-Pit		41d	21-May-24	22-Jul-24	62d	
DP-2G-HC-1020	Traction Power - Zone 2G - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	62d	
DP-2G-HC-1040	Traction Power - Zone 2G - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	78d	
DP-2G-ST-1000	Traction Power - Zone 2G - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	62d	
DP-2G-ST-1020	Traction Power - Zone 2G - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	62d	
Pit-to-OLE		13d	18-Sep-24	04-Oct-24	12d	
DP-2G-HC-1600	Traction Power - Zone 2G - WR15/16 & WR17/18 - Pull Helper Cables & Bonding from Pit to OHL	10d	18-Sep-24	01-Oct-24	12d	
DP-2G-HC-1620	Traction Power - Zone 2G - WR15/16 & WR17/18 - Helper Cable & Bonding - Test & Terminate	3d	01-Oct-24	04-Oct-24	12d	
Overhead Line		22d	09-Aug-24	17-Sep-24	12d	
DP-2G-OH-1020	Traction Power - Zone 2G - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	10d	09-Aug-24	28-Aug-24	19d	
DP-2G-OH-1100	Traction Power - Zone 2G - Overhead Wiring - Wire Run 17/18 & QA	4d	05-Sep-24	10-Sep-24	11d	
DP-2G-OH-1040	Traction Power - Zone 2G - Overhead Wiring - Wire Run 15/16 & QA	4d	10-Sep-24	17-Sep-24	12d	
Zone i85 Intersection - Med Term Closure - Connor St (Ch 39,735 - 39,770) - 35m		515d	03-Aug-22	10-Sep-24	101d	
Public Utilities Plant Works		151d	03-Aug-22	20-Mar-23	193d	
DP-I85-MS-1000	PUP Works - Zone i85 - Conduits and Pipes Complete - Civil work to Commence	0d		20-Mar-23	193d	
CoGC - Water		13d	03-Aug-22	23-Aug-22	27d	
DP-i85-WT-1070	PUP Works - Zone i85 - (WA-300-189)	13d	03-Aug-22	23-Aug-22	27d	
Energex		123d	12-Sep-22	20-Mar-23	193d	
Pre-Works		1d	12-Sep-22	13-Sep-22	111d	
DP-I85-EG-1480	PUP Works - Zone i85 - Connor St - Energex to install tigertails	1d	12-Sep-22	13-Sep-22	111d	
Conduits & Pits		39d	12-Sep-22	12-Nov-22	93d	
DP-I85-EG-1000	PUP Works - Zone i85 (with 2G) - Connor St - Energex Xing (EL-300-165/128 resolved by 300-014, 300-167 resc	22d	12-Sep-22	15-Oct-22	75d	
DP-I85-EG-1030	PUP Works - Zone i85 - Connor St - Energex (additional Xing) (EL-300-165/128 resolved by 300-014) extnd acros	20d	11-Oct-22	12-Nov-22	93d	

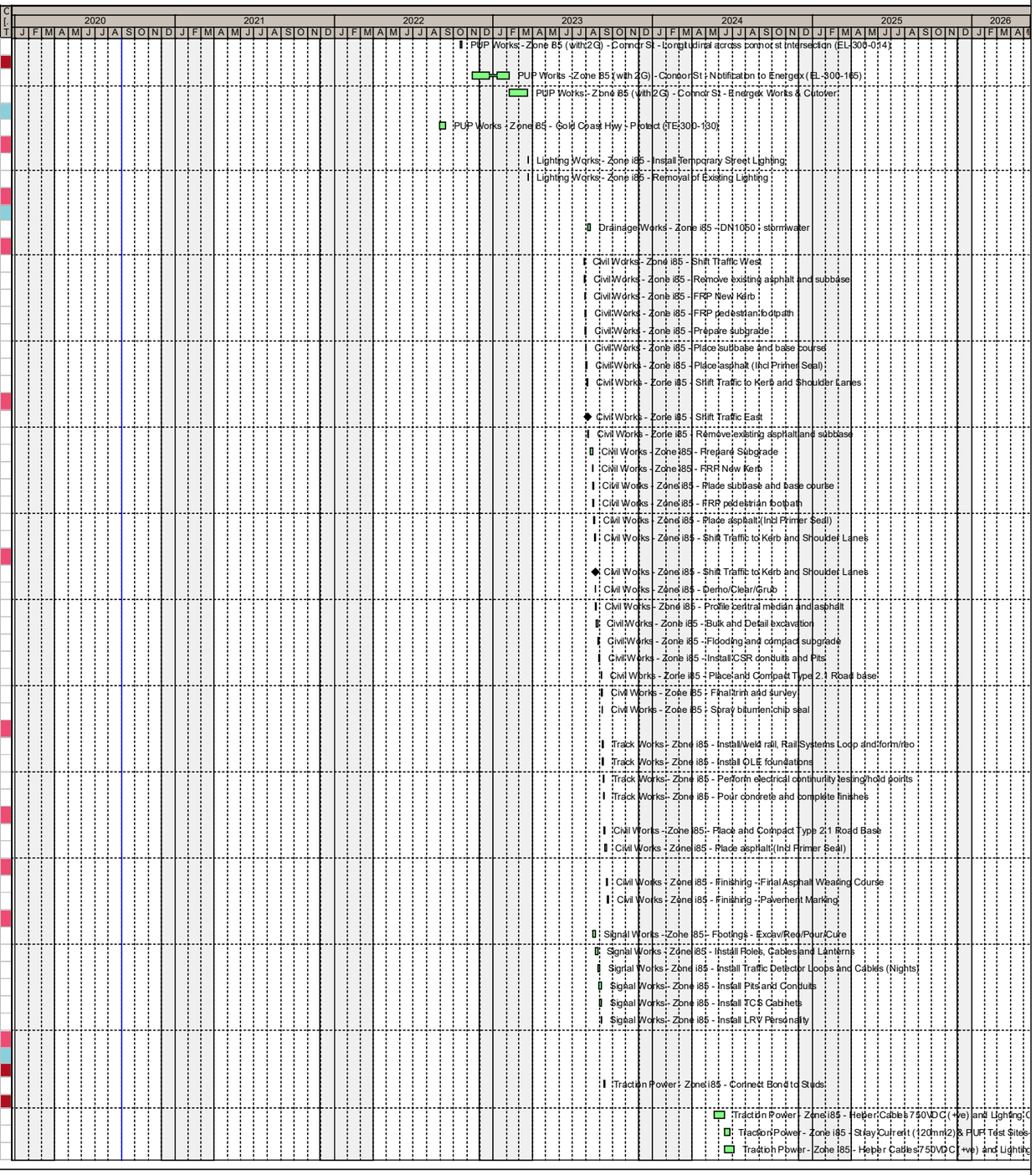


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I85-EG-1020	PUP Works - Zone i85 (with 2G) - Connor St - Longitudinal across connor st intersection (EL-300-014)	4d	17-Oct-22	21-Oct-22	75d
Energex Works		80d	14-Nov-22	20-Mar-23	193d
DP-I85-EG-2000	PUP Works - Zone i85 (with 2G) - Connor St - Notification to Energex (EL-300-165)	50d	14-Nov-22	06-Feb-23	193d
DP-I85-EG-2010	PUP Works - Zone i85 (with 2G) - Connor St - Energex Works & Cutover	30d	07-Feb-23	20-Mar-23	193d
Telstra		10d	31-Aug-22	13-Sep-22	315d
DP-I85-TLS-1000	PUP Works - Zone i85 - Gold Coast Hwy - Protect (TE-300-130)	10d	31-Aug-22	13-Sep-22	315d
Street Lighting Relocations		2d	21-Mar-23	22-Mar-23	193d
DP-I85-Stl-1000	Lighting Works - Zone i85 - Install Temporary Street Lighting	1d	21-Mar-23	21-Mar-23	193d
DP-I85-Stl-1020	Lighting Works - Zone i85 - Removal of Existing Lighting	1d	22-Mar-23	22-Mar-23	193d
Stormwater Drainage		5d	04-Aug-23	11-Aug-23	106d
Northbound		5d	04-Aug-23	11-Aug-23	106d
DP-I85-DR-2040	Drainage Works - Zone i85 - DN1050 - stormwater	5d	04-Aug-23	11-Aug-23	106d
Civil Works - Finishing Kerbs and Southbound Lanes		6d	27-Jul-23	04-Aug-23	106d
DP-I85-CW-1520	Civil Works - Zone i85 - Shift Traffic West	1d	27-Jul-23	28-Jul-23	106d
DP-I85-CW-1720	Civil Works - Zone i85 - Remove existing asphalt and subbase	1d	28-Jul-23	29-Jul-23	94d
DP-I85-CW-1480	Civil Works - Zone i85 - FRP New Kerb	0d	29-Jul-23	29-Jul-23	94d
DP-I85-CW-1740	Civil Works - Zone i85 - FRP pedestrian footpath	1d	29-Jul-23	31-Jul-23	97d
DP-I85-CW-2120	Civil Works - Zone i85 - Prepare subgrade	1d	29-Jul-23	31-Jul-23	94d
DP-I85-CW-1620	Civil Works - Zone i85 - Place subbase and base course	1d	31-Jul-23	01-Aug-23	94d
DP-I85-CW-1420	Civil Works - Zone i85 - Place asphalt (Incl Primer Seal)	2d	01-Aug-23	03-Aug-23	94d
DP-I85-CW-1500	Civil Works - Zone i85 - Shift Traffic to Kerb and Shoulder Lanes	1d	03-Aug-23	04-Aug-23	106d
Civil Works - Finishing Kerbs and Northbound Lanes		12d	04-Aug-23	22-Aug-23	105d
DP-I85-CW-1800	Civil Works - Zone i85 - Shift Traffic East	0d		04-Aug-23	106d
DP-I85-CW-1820	Civil Works - Zone i85 - Remove existing asphalt and subbase	1d	04-Aug-23	07-Aug-23	95d
DP-I85-CW-1840	Civil Works - Zone i85 - Prepare Subgrade	1d	11-Aug-23	17-Aug-23	92d
DP-I85-CW-2140	Civil Works - Zone i85 - FRP New Kerb	0d	17-Aug-23	17-Aug-23	92d
DP-I85-CW-1880	Civil Works - Zone i85 - Place subbase and base course	1d	17-Aug-23	18-Aug-23	92d
DP-I85-CW-2160	Civil Works - Zone i85 - FRP pedestrian footpath	1d	17-Aug-23	18-Aug-23	94d
DP-I85-CW-1760	Civil Works - Zone i85 - Place asphalt (Incl Primer Seal)	2d	18-Aug-23	21-Aug-23	92d
DP-I85-CW-1780	Civil Works - Zone i85 - Shift Traffic to Kerb and Shoulder Lanes	1d	21-Aug-23	22-Aug-23	105d
Civil Works - Rail Corridor		10d	22-Aug-23	08-Sep-23	92d
DP-I85-CW-1000	Civil Works - Zone i85 - Shift Traffic to Kerb and Shoulder Lanes	0d		22-Aug-23	92d
DP-I85-CW-1040	Civil Works - Zone i85 - Demo/Clear/Grub	1d	22-Aug-23	23-Aug-23	92d
DP-I85-CW-2100	Civil Works - Zone i85 - Profile central median and asphalt	1d	23-Aug-23	24-Aug-23	92d
DP-I85-CW-1100	Civil Works - Zone i85 - Bulk and Detail excavation	2d	24-Aug-23	29-Aug-23	92d
DP-I85-CW-1120	Civil Works - Zone i85 - Flooding and compact subgrade	1d	29-Aug-23	30-Aug-23	92d
DP-I85-CW-1140	Civil Works - Zone i85 - Install CSR conduits and Pits	1d	31-Aug-23	01-Sep-23	93d
DP-I85-CW-1160	Civil Works - Zone i85 - Place and Compact Type 2.1 Road base	1d	05-Sep-23	06-Sep-23	92d
DP-I85-CW-1360	Civil Works - Zone i85 - Final trim and survey	1d	06-Sep-23	07-Sep-23	92d
DP-I85-CW-1180	Civil Works - Zone i85 - Spray bitumen chip seal	1d	07-Sep-23	08-Sep-23	92d
Civil Works - Track		3d	08-Sep-23	12-Sep-23	92d
DP-I85-TW-1000	Track Works - Zone i85 - Install/weld rail, Rail Systems Loop and form/reo	1d	08-Sep-23	09-Sep-23	92d
DP-I85-TW-1020	Track Works - Zone i85 - Install OLE foundations	1d	08-Sep-23	09-Sep-23	92d
DP-I85-TW-1040	Track Works - Zone i85 - Perform electrical continunity testing/hold points	1d	09-Sep-23	11-Sep-23	92d
DP-I85-TW-1080	Track Works - Zone i85 - Pour concrete and complete finishes	1d	11-Sep-23	12-Sep-23	92d
Civil Works - Reinstate Track Verge		3d	12-Sep-23	18-Sep-23	92d
DP-I85-CW-1200	Civil Works - Zone i85 - Place and Compact Type 2.1 Road Base	1d	12-Sep-23	14-Sep-23	92d
DP-I85-CW-1700	Civil Works - Zone i85 - Place asphalt (Incl Primer Seal)	2d	14-Sep-23	18-Sep-23	92d
Civil Works - Finishing		3d	18-Sep-23	21-Sep-23	294d
DP-I85-CW-5020	Civil Works - Zone i85 - Finishing - Final Asphalt Wearing Course	1d	18-Sep-23	19-Sep-23	294d
DP-I85-CW-5040	Civil Works - Zone i85 - Finishing - Pavement Marking	2d	19-Sep-23	21-Sep-23	294d
Traffic Control Systems (TCS)		12d	17-Aug-23	06-Sep-23	236d
DP-I85-TCS-1040	Signal Works - Zone i85 - Footings - Excav/Reo/Pour/Cure	4d	17-Aug-23	22-Aug-23	225d
DP-I85-TCS-1060	Signal Works - Zone i85 - Install Poles, Cables and Lanterns	3d	22-Aug-23	28-Aug-23	236d
DP-I85-TCS-1080	Signal Works - Zone i85 - Install Traffic Detector Loops and Cables (Nights)	3d	28-Aug-23	01-Sep-23	236d
DP-I85-TCS-1000	Signal Works - Zone i85 - Install Pits and Conduits	2d	31-Aug-23	05-Sep-23	92d
DP-I85-TCS-1100	Signal Works - Zone i85 - Install TCS Cabinets	1d	01-Sep-23	05-Sep-23	236d
DP-I85-TCS-1120	Signal Works - Zone i85 - Install LRV Personality	1d	05-Sep-23	06-Sep-23	236d
Traction Power & Overhead Line		212d	12-Sep-23	10-Sep-24	29d
CSR Cabling		174d	12-Sep-23	12-Jul-24	68d
Track-to-Track		1d	12-Sep-23	14-Sep-23	240d
DP-I85-BC-1020	Traction Power - Zone i85 - Connect Bond to Studs	1d	12-Sep-23	14-Sep-23	240d
Pit-to-Pit		35d	21-May-24	12-Jul-24	68d
DP-I85-HC-1060	Traction Power - Zone i85 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	68d
DP-I85-HC-1020	Traction Power - Zone i85 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	10d	14-Jun-24	26-Jun-24	68d
DP-I85-HC-1040	Traction Power - Zone i85 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	16d	14-Jun-24	05-Jul-24	72d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-i85-ST-1000	Traction Power - Zone i85 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	26-Jun-24	12-Jul-24	68d
Overhead Line		4d	05-Sep-24	10-Sep-24	11d
DP-i85-OH-1040	Traction Power - Zone i85 - Overhead Wiring - Wire Run 17/18 & QA	4d	05-Sep-24	10-Sep-24	11d
Zone 2H (Ch 39,770 - 39,906) - 136m		510d	23-Aug-22	24-Sep-24	153d
Public Utilities Plant Works		258d	23-Aug-22	13-Sep-23	232d
DP-2H-MS-1000	PUP Works - Zone 2H- Conduits and Pipes Complete - Civil work to Commence	0d		06-Mar-23	249d
CoGC - Water		8d	23-Aug-22	07-Sep-22	27d
DP-2H-WT-1000	PUP Works - Zone 2H- (WA-300-190)	8d	23-Aug-22	07-Sep-22	27d
Sewer		1d	23-Jan-23	23-Jan-23	278d
DP-2H-SW-1000	PUP Works - Zone 2H- Protect asset 200DICL x 24m (SE-300-148)	1d	23-Jan-23	23-Jan-23	278d
Energex		161d	21-Jan-23	13-Sep-23	232d
Pre-Works		1d	23-Jan-23	23-Jan-23	77d
DP-2H-EG-1560	PUP Works - Zone i86 (with 2H) - Gold Coast Hwy - Energex to install tigertails	1d	23-Jan-23	23-Jan-23	77d
Conduits & Pits		28d	21-Jan-23	06-Mar-23	65d
DP-2H-EG-1000	PUP Works - Zone 2H (with i86) - Gold Coast Hwy - Energex Northbound (EL-300-014)	2d	21-Jan-23	24-Jan-23	65d
DP-2H-EG-1020	PUP Works - Zone 2H (with i86) - Gold Coast Hwy - Energex Northbound (EL-300-014)	5d	24-Jan-23	31-Jan-23	65d
DP-2H-EG-1030	PUP Works - Zone 2H (with i86) - Gold Coast Hwy - Energex Northbound (EL-300-014)	1d	31-Jan-23	02-Feb-23	65d
DP-2H-EG-1040	PUP Works - Zone 2H (with i86) - Gold Coast Hwy - Energex Northbound (EL-300-014, EL-300-165, EL-300-128)	17d	02-Feb-23	28-Feb-23	65d
DP-2H-EG-1050	PUP Works - Zone 2H (with i86) - Gold Coast Hwy - Energex Northbound (EL-300-014)	3d	28-Feb-23	06-Mar-23	65d
Energex Works		80d	23-May-23	13-Sep-23	232d
DP-2H-EG-2000	PUP Works - Zone 2H- Gold Coast Hwy - Notification to Energex	50d	23-May-23	01-Aug-23	232d
DP-2H-EG-2010	PUP Works - Zone 2H- Gold Coast Hwy - Energex Works & Cutover (EL-300-014 / 165 / 128 / 096)	30d	01-Aug-23	13-Sep-23	232d
Street Lighting Relocations		2d	06-Mar-23	08-Mar-23	249d
DP-2H-Stl-1000	Lighting Works - Zone 2H - Install Temporary Street Lighting	1d	06-Mar-23	07-Mar-23	249d
DP-2H-Stl-1020	Lighting Works - Zone 2H - Removal of Existing Lighting	1d	07-Mar-23	08-Mar-23	249d
Footpath in Memorial Park & Bus Relocation		15d	24-Oct-22	18-Nov-22	93d
DP-2H-CW-2040	Build New Footpath in Memorial Park (Permanent/Temporary Pending Design)	15d	24-Oct-22	18-Nov-22	93d
Stormwater Drainage		63d	21-Sep-23	15-Jan-24	97d
Northbound		15d	21-Sep-23	16-Oct-23	99d
DP-2H-DR-1680	Drainage Works - Zone 2H - Gold Coast Hwy - Stormwater RCP 450/600 - Excav/Lay/Bfill (Northbound)	15d	21-Sep-23	16-Oct-23	99d
Crossing		6d	16-Oct-23	23-Oct-23	99d
DP-2H-DR-1700	Drainage Works - Zone 2H - Gold Coast Hwy - Stormwater RCP 525 - Excav/Lay/Bfill (Crossing)(night)	2d	16-Oct-23	18-Oct-23	99d
DP-2H-DR-1740	Drainage Works - Zone 2H - Gold Coast Hwy - DN900 Stormwater Drainage (Crossing)(night)	4d	18-Oct-23	23-Oct-23	99d
Undertrack		12d	12-Dec-23	15-Jan-24	97d
DP-2H-DR-1660	Drainage Works - Zone 2H - Gold Coast Hwy - Stormwater RCP 450/525 - Excav/Lay/Bfill (Undertrack)	12d	12-Dec-23	15-Jan-24	97d
Civil Works - Finishing Kerbs and Northbound Lanes		42d	20-Sep-23	20-Nov-23	118d
DP-2H-CW-1800	Civil Works - Zone 2H - Shift Traffic East	1d	20-Sep-23	21-Sep-23	114d
DP-2H-CW-1820	Civil Works - Zone 2H - Remove existing asphalt and subbase	1d	21-Sep-23	22-Sep-23	119d
DP-2H-CW-1900	Civil Works - Zone 2H - Demolish Old Kerb	4d	21-Sep-23	27-Sep-23	138d
DP-2H-CW-1840	Civil Works - Zone 2H - Prepare subgrade	3d	23-Oct-23	27-Oct-23	99d
DP-2H-CW-1860	Civil Works - Zone 2H - FRP New Kerb	3d	27-Oct-23	02-Nov-23	99d
DP-2H-CW-1880	Civil Works - Zone 2H - Place subbase and base course	1d	02-Nov-23	03-Nov-23	125d
DP-2H-CW-2240	Civil Works - Zone 2H - FRP pedestrian footpath	8d	02-Nov-23	17-Nov-23	99d
DP-2H-CW-1760	Civil Works - Zone 2H - Place asphalt (Incl Prime and Seal)	4d	03-Nov-23	13-Nov-23	102d
DP-2H-CW-1780	Civil Works - Zone 2H - Shift Traffic to Kerb and Shoulder Lanes	1d	17-Nov-23	20-Nov-23	118d
Civil Works - Finishing Kerbs and Southbound Lanes		15d	20-Nov-23	11-Dec-23	118d
DP-2H-CW-1520	Civil Works - Zone 2H - Shift Traffic West	0d		20-Nov-23	118d
DP-2H-CW-1720	Civil Works - Zone 2H - Remove existing asphalt and subbase	1d	20-Nov-23	21-Nov-23	98d
DP-2H-CW-2120	Civil Works - Zone 2H - Prepare subgrade	2d	21-Nov-23	24-Nov-23	98d
DP-2H-CW-5080	Civil Works - Zone 2H - FRP New Kerb	3d	24-Nov-23	30-Nov-23	98d
DP-2H-CW-1620	Civil Works - Zone 2H - Place subbase and base course	1d	30-Nov-23	01-Dec-23	117d
DP-2H-CW-1740	Civil Works - Zone 2H - FRP pedestrian footpath	6d	30-Nov-23	09-Dec-23	98d
DP-2H-CW-1420	Civil Works - Zone 2H - Place asphalt (Incl Prime and Seal)	4d	01-Dec-23	08-Dec-23	99d
DP-2H-CW-1500	Civil Works - Zone 2H - Shift Traffic to Kerb and Shoulder Lanes	1d	11-Dec-23	11-Dec-23	118d
Civil Works - Rail Corridor		29d	11-Dec-23	14-Feb-24	97d
DP-2H-CW-1000	Civil Works - Zone 2H - Shift Traffic to Kerb and Shoulder Lanes	0d		11-Dec-23	97d
DP-2H-CW-1040	Civil Works - Zone 2H - Demo/Clear/Grub	1d	12-Dec-23	14-Dec-23	108d
DP-2H-CW-2100	Civil Works - Zone 2H - Profile central median and asphalt	1d	15-Jan-24	16-Jan-24	97d
DP-2H-CW-1100	Civil Works - Zone 2H - Bulk and Detail excavation	5d	16-Jan-24	25-Jan-24	97d
DP-2H-CW-1120	Civil Works - Zone 2H - Flooding and compact subgrade	3d	25-Jan-24	02-Feb-24	97d
DP-2H-CW-1140	Civil Works - Zone 2H - Install CSR conduits and Pits	2d	02-Feb-24	06-Feb-24	97d
DP-2H-CW-1160	Civil Works - Zone 2H - Place and Compact Type 2.1 Road base	2d	06-Feb-24	09-Feb-24	97d
DP-2H-CW-1360	Civil Works - Zone 2H - Final trim and survey	3d	09-Feb-24	13-Feb-24	97d
DP-2H-CW-1180	Civil Works - Zone 2H - Spray bitumen chip seal	1d	13-Feb-24	14-Feb-24	97d
Civil Works - Track		10d	14-Feb-24	04-Mar-24	97d
DP-2H-TW-1000	Track Works - Zone 2H - Install/weld rail, Rail Systems Loop and form/reo	4d	14-Feb-24	22-Feb-24	97d



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Project ID : P00287-PTSub-021
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C L T
DP-2H-TW-1020	Track Works - Zone 2H - Install OLE foundations	4d	14-Feb-24	22-Feb-24	97d	
DP-2H-TW-1040	Track Works - Zone 2H - Perform electrical continunity testing/hold points	2d	22-Feb-24	24-Feb-24	97d	
DP-2H-TW-1080	Track Works - Zone 2H - Pour concrete, strip formwork and install lids	4d	24-Feb-24	04-Mar-24	97d	
Civil Works - Reinstate Track Verge		9d	04-Mar-24	15-Mar-24	97d	
DP-2H-CW-5100	Civil Works - Zone 2H - FRP Kerb Track Side	3d	04-Mar-24	08-Mar-24	97d	
DP-2H-CW-1200	Civil Works - Zone 2H - Place and Compact Type 2.1 Road Base	1d	08-Mar-24	09-Mar-24	97d	
DP-2H-CW-1700	Civil Works - Zone 2H - Place asphalt (Incl Prime and Seal)	5d	09-Mar-24	15-Mar-24	97d	
Civil Works - System Fitout		4d	15-Mar-24	21-Mar-24	109d	
DP-2H-CW-1640	Civil Works - Zone 2H - Shift traffic to permanent alignment (night works)	1d	15-Mar-24	18-Mar-24	111d	
DP-2H-CW-1660	Civil Works - Zone 2H - Erect Overhead Wire Poles with Lighting	1d	19-Mar-24	21-Mar-24	97d	
Civil Works - Finishing		46d	15-Mar-24	06-Jun-24	198d	
DP-2H-CW-5000	Civil Works - Zone 2H - Finishing - FRP Blister Islands	3d	15-Mar-24	22-Mar-24	216d	
DP-2H-CW-5060	Civil Works - Zone 2H - Finishing - Landscaping	9d	15-Mar-24	09-Apr-24	235d	
DP-2H-CW-5020	Civil Works - Zone 2H - Finishing - Final Asphalt Wearing Course	1d	22-Mar-24	23-Mar-24	216d	
DP-2H-CW-5040	Civil Works - Zone 2H - Finishing - Pavement Marking	2d	04-Jun-24	06-Jun-24	176d	
Traction Power & Overhead Line		115d	21-Mar-24	24-Sep-24	20d	
CSR Cabling		115d	21-Mar-24	24-Sep-24	20d	
Structure-to-Track		1d	21-Mar-24	22-Mar-24	110d	
DP-2H-BC-1620	Traction Power - Zone 2H - Bond and Test Structure to Rail	1d	21-Mar-24	22-Mar-24	110d	
Track-to-Track		1d	21-Mar-24	22-Mar-24	110d	
DP-2H-BC-1000	Traction Power - Zone 2H - Connect Bond to Studs	1d	21-Mar-24	22-Mar-24	110d	
Pit-to-Pit		41d	21-May-24	22-Jul-24	62d	
DP-2H-HC-1020	Traction Power - Zone 2H - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	62d	
DP-2H-HC-1040	Traction Power - Zone 2H - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	78d	
DP-2H-ST-1000	Traction Power - Zone 2H - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	62d	
DP-2H-ST-1020	Traction Power - Zone 2H - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	62d	
Pit-to-OLE		9d	10-Sep-24	24-Sep-24	20d	
DP-2H-HC-1420	Traction Power - Zone 2H - WR17/18 - Pull Helper Cables & Bonding from Pit to OHL	6d	10-Sep-24	20-Sep-24	9d	
DP-2H-HC-1440	Traction Power - Zone 2H - WR17/18 - Helper Cable & Bonding - Test & Terminate	3d	20-Sep-24	24-Sep-24	20d	
Overhead Line		18d	09-Aug-24	10-Sep-24	9d	
DP-2H-OH-1020	Traction Power - Zone 2H - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	10d	09-Aug-24	28-Aug-24	13d	
DP-2H-OH-1040	Traction Power - Zone 2H - Overhead Wiring - Wire Run 17/18 & QA	4d	05-Sep-24	10-Sep-24	9d	
Zone i86 Intersection - Med Term Closure - Goodwin Tce (Ch 39,906 - 39,931) - 25m		500d	07-Sep-22	24-Sep-24	125d	
Public Utilities Plant Works		248d	07-Sep-22	13-Sep-23	232d	
DP-I86-MS-1000	PUP Works - Zone i86 - Conduits and Pipes Complete - Civil work to Commence	0d		26-May-23	267d	
CoGC - Water		14d	07-Sep-22	26-Sep-22	27d	
DP-i86-WT-1010	PUP Works - Zone i86 - (WA-300-192) DN150 - Install DICL - Excav/Lay/Bfill	14d	07-Sep-22	26-Sep-22	27d	
Energex		237d	22-Sep-22	13-Sep-23	232d	
Pre-Works		1d	22-Sep-22	23-Sep-22	426d	
DP-I86-EG-1620	PUP Works - Zone i86 - Gold Coast Hwy - Energex to install tgertails (Drill Crew)	1d	22-Sep-22	23-Sep-22	426d	
Conduits & Pits		98d	22-Sep-22	18-Mar-23	65d	
DP-I86-EG-1080	PUP Works - Zone i86 - Gold Coast Hwy - Drill (EL-300-028)	12d	22-Sep-22	13-Oct-22	27d	
DP-I86-EG-1040	PUP Works - Zone i86 - Gold Coast Hwy - Energex Northbound (EL-300-128)	11d	12-Nov-22	01-Dec-22	93d	
DP-I86-EG-1000	PUP Works - Zone i86 - Gold Coast Hwy - Energex Northbound (with drill crew) (EL-300-028)	12d	01-Dec-22	06-Jan-23	93d	
DP-I86-EG-1670	PUP Works - Zone i86 - Gold Coast Hwy - Pit Install OPPOSITE GOODWIN Tce	5d	06-Jan-23	17-Jan-23	93d	
DP-I86-EG-1050	PUP Works - Zone i86 - Gold Coast Hwy - Energex Northbound (EL-300-014)	2d	06-Mar-23	08-Mar-23	65d	
DP-I86-EG-1060	PUP Works - Zone i86 (with 2H) - Gold Coast Hwy - Energex Northbound (EL-300-014)	2d	08-Mar-23	10-Mar-23	65d	
DP-I86-EG-1070	PUP Works - Zone i86 (with 2H) - Gold Coast Hwy - Energex Northbound (EL-300-014)	4d	10-Mar-23	18-Mar-23	65d	
Energex Works		80d	23-May-23	13-Sep-23	232d	
DP-I86-EG-2000	PUP Works - Zone i86 - Gold Coast Hwy - Notification to Energex	50d	23-May-23	01-Aug-23	232d	
DP-I86-EG-2010	PUP Works - Zone i86 - Gold Coast Hwy - Energex Works & Cutover (EL-300-028 / 087)	30d	01-Aug-23	13-Sep-23	232d	
Telstra		33d	14-Feb-23	17-Apr-23	118d	
Relocate Conduits & Cable Pull		33d	14-Feb-23	17-Apr-23	118d	
DP-I86-TLS-1020	PUP Works - Zone i86 - Relocate crossing of Gold Coast Highway by Telstra (TE-300-127)	33d	14-Feb-23	17-Apr-23	118d	
NBN		25d	17-Apr-23	26-May-23	236d	
DP-I86-NB-1040	PUP Works - Zone i86 - NBN inside TE-300-127 (TE-300-127a)	25d	17-Apr-23	26-May-23	236d	
Street Lighting Relocations		2d	26-May-23	30-May-23	267d	
DP-I86-Stl-1000	Lighting Works - Zone i86 - Install Temporary Street Lighting	1d	26-May-23	29-May-23	267d	
DP-I86-Stl-1020	Lighting Works - Zone i86 - Removal of Existing Lighting	1d	29-May-23	30-May-23	267d	
Stormwater Drainage		14d	09-Jan-24	01-Feb-24	110d	
Northbound		4d	09-Jan-24	13-Jan-24	109d	
DP-I86-DR-1740	Drainage Works - Zone i86 - Goodwin Terrace - Stormwater RCP 450 - Excav/Lay/Bfill (Northbound)	4d	09-Jan-24	13-Jan-24	109d	
Undertrack		2d	29-Jan-24	01-Feb-24	110d	
DP-I86-DR-1720	Drainage Works - Zone i86 - Goodwin Terrace - Stormwater RCP 450 - Excav/Lay/Bfill (Undertrack)	2d	29-Jan-24	01-Feb-24	110d	
Civil Works - Finishing Kerbs and Southbound Lanes		10d	12-Dec-23	09-Jan-24	127d	
DP-I86-CW-1520	Civil Works - Zone i86 - Shift Traffic West	1d	12-Dec-23	12-Dec-23	130d	
DP-I86-CW-1720	Civil Works - Zone i86 - Remove existing asphalt and subbase	1d	14-Dec-23	15-Dec-23	109d	



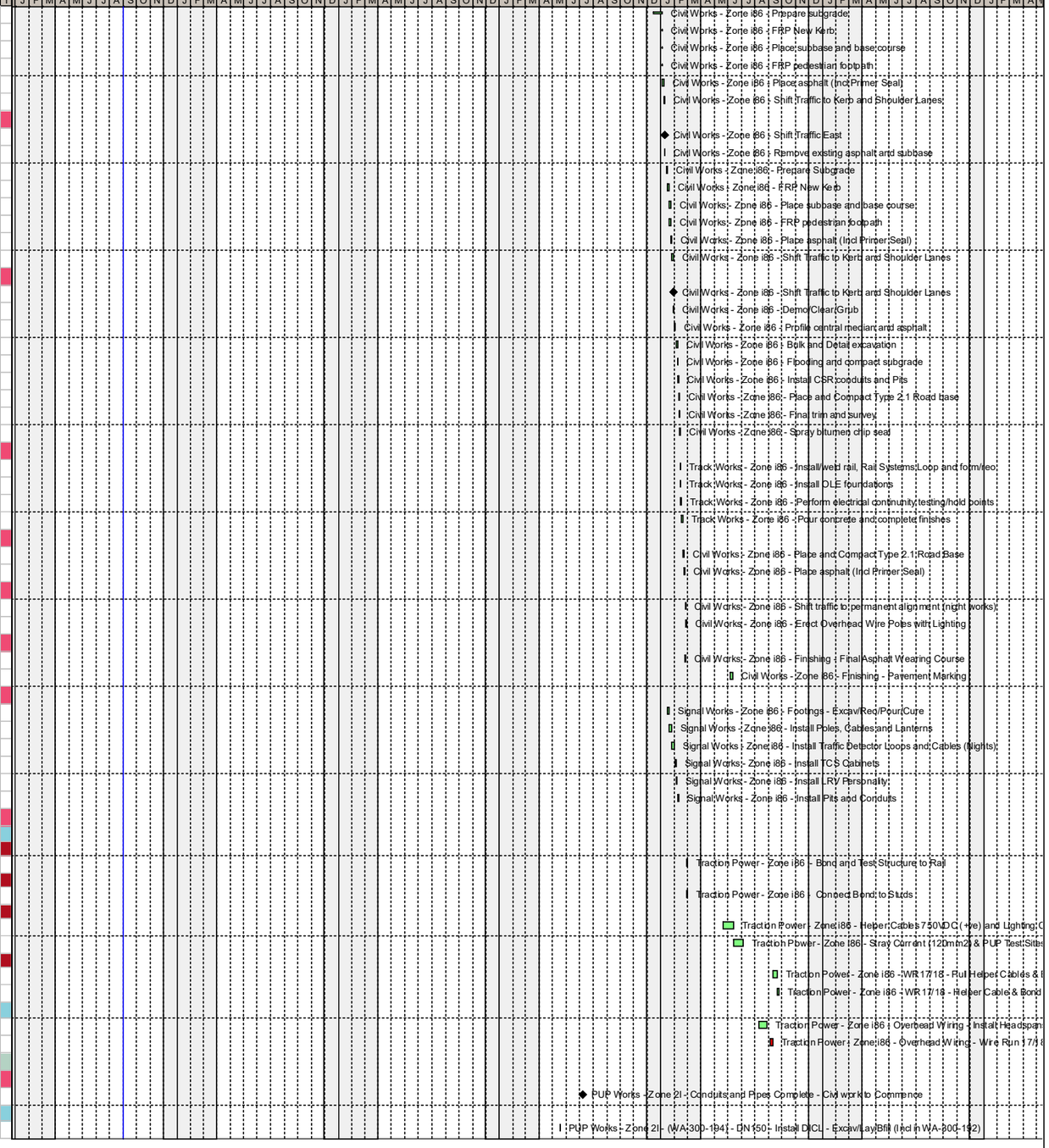
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I86-CW-2120	Civil Works - Zone i86 - Prepare subgrade	1d	15-Dec-23	03-Jan-24	109d
DP-I86-CW-1480	Civil Works - Zone i86 - FRP New Kerb	0d	03-Jan-24	03-Jan-24	109d
DP-I86-CW-1620	Civil Works - Zone i86 - Place subbase and base course	1d	03-Jan-24	04-Jan-24	109d
DP-I86-CW-1740	Civil Works - Zone i86 - FRP pedestrian footpath	1d	03-Jan-24	04-Jan-24	111d
DP-I86-CW-1420	Civil Works - Zone i86 - Place asphalt (Incl Primer Seal)	2d	04-Jan-24	08-Jan-24	109d
DP-I86-CW-1500	Civil Works - Zone i86 - Shift Traffic to Kerb and Shoulder Lanes	1d	08-Jan-24	09-Jan-24	127d
Civil Works - Finishing Kerbs and Northbound Lanes		14d	09-Jan-24	29-Jan-24	126d
DP-I86-CW-1800	Civil Works - Zone i86 - Shift Traffic East	0d		09-Jan-24	127d
DP-I86-CW-1820	Civil Works - Zone i86 - Remove existing asphalt and subbase	1d	09-Jan-24	10-Jan-24	112d
DP-I86-CW-1840	Civil Works - Zone i86 - Prepare Subgrade	1d	13-Jan-24	15-Jan-24	109d
DP-I86-CW-2140	Civil Works - Zone i86 - FRP New Kerb	3d	15-Jan-24	19-Jan-24	109d
DP-I86-CW-1880	Civil Works - Zone i86 - Place subbase and base course	1d	19-Jan-24	23-Jan-24	109d
DP-I86-CW-2160	Civil Works - Zone i86 - FRP pedestrian footpath	1d	19-Jan-24	23-Jan-24	111d
DP-I86-CW-1760	Civil Works - Zone i86 - Place asphalt (Incl Primer Seal)	2d	23-Jan-24	25-Jan-24	109d
DP-I86-CW-1780	Civil Works - Zone i86 - Shift Traffic to Kerb and Shoulder Lanes	1d	25-Jan-24	29-Jan-24	126d
Civil Works - Rail Corridor		10d	29-Jan-24	14-Feb-24	110d
DP-I86-CW-1000	Civil Works - Zone i86 - Shift Traffic to Kerb and Shoulder Lanes	0d		29-Jan-24	110d
DP-I86-CW-1040	Civil Works - Zone i86 - Demo/Clear/Grub	1d	29-Jan-24	30-Jan-24	111d
DP-I86-CW-2100	Civil Works - Zone i86 - Profile central median and asphalt	1d	01-Feb-24	02-Feb-24	110d
DP-I86-CW-1100	Civil Works - Zone i86 - Bulk and Detail excavation	2d	05-Feb-24	08-Feb-24	110d
DP-I86-CW-1120	Civil Works - Zone i86 - Flooding and compact subgrade	1d	08-Feb-24	09-Feb-24	110d
DP-I86-CW-1140	Civil Works - Zone i86 - Install CSR conduits and Pits	1d	09-Feb-24	10-Feb-24	110d
DP-I86-CW-1160	Civil Works - Zone i86 - Place and Compact Type 2.1 Road base	1d	10-Feb-24	12-Feb-24	110d
DP-I86-CW-1360	Civil Works - Zone i86 - Final trim and survey	1d	12-Feb-24	13-Feb-24	110d
DP-I86-CW-1180	Civil Works - Zone i86 - Spray bitumen chip seal	1d	13-Feb-24	14-Feb-24	110d
Civil Works - Track		3d	14-Feb-24	20-Feb-24	110d
DP-I86-TW-1000	Track Works - Zone i86 - Install/weld rail, Rail Systems Loop and form/reo	1d	14-Feb-24	15-Feb-24	110d
DP-I86-TW-1020	Track Works - Zone i86 - Install OLE foundations	1d	14-Feb-24	15-Feb-24	110d
DP-I86-TW-1040	Track Works - Zone i86 - Perform electrical continunity testing/hold points	1d	15-Feb-24	16-Feb-24	110d
DP-I86-TW-1080	Track Works - Zone i86 - Pour concrete and complete finishes	1d	16-Feb-24	20-Feb-24	110d
Civil Works - Reinstate Track Verge		3d	20-Feb-24	24-Feb-24	110d
DP-I86-CW-1200	Civil Works - Zone i86 - Place and Compact Type 2.1 Road Base	1d	20-Feb-24	22-Feb-24	110d
DP-I86-CW-1700	Civil Works - Zone i86 - Place asphalt (Incl Primer Seal)	2d	22-Feb-24	24-Feb-24	110d
Civil Works - System Fitout		3d	26-Feb-24	29-Feb-24	124d
DP-I86-CW-1640	Civil Works - Zone i86 - Shift traffic to permanent alignment (night works)	1d	26-Feb-24	26-Feb-24	125d
DP-I86-CW-1660	Civil Works - Zone i86 - Erect Overhead Wire Poles with Lighting	1d	27-Feb-24	29-Feb-24	110d
Civil Works - Finishing		61d	24-Feb-24	11-Jun-24	176d
DP-I86-CW-5020	Civil Works - Zone i86 - Finishing - Final Asphalt Wearing Course	1d	24-Feb-24	26-Feb-24	234d
DP-I86-CW-5040	Civil Works - Zone i86 - Finishing - Pavement Marking	2d	06-Jun-24	11-Jun-24	176d
Traffic Control Systems (TCS)		14d	15-Jan-24	10-Feb-24	151d
DP-I86-TCS-1040	Signal Works - Zone i86 - Footings - Excav/Reo/Pour/Cure	3d	15-Jan-24	19-Jan-24	141d
DP-I86-TCS-1060	Signal Works - Zone i86 - Install Poles, Cables and Lanterns	3d	19-Jan-24	25-Jan-24	154d
DP-I86-TCS-1080	Signal Works - Zone i86 - Install Traffic Detector Loops and Cables (Nights)	3d	25-Jan-24	01-Feb-24	154d
DP-I86-TCS-1100	Signal Works - Zone i86 - Install TCS Cabinets	1d	02-Feb-24	05-Feb-24	154d
DP-I86-TCS-1120	Signal Works - Zone i86 - Install LRV Personality	1d	05-Feb-24	06-Feb-24	154d
DP-I86-TCS-1000	Signal Works - Zone i86 - Install Pits and Conduits	1d	09-Feb-24	10-Feb-24	110d
Traction Power & Overhead Line		128d	29-Feb-24	24-Sep-24	20d
CSR Cabling		128d	29-Feb-24	24-Sep-24	20d
Structure-to-Track		1d	29-Feb-24	01-Mar-24	125d
DP-I86-BC-1640	Traction Power - Zone i86 - Bond and Test Structure to Rail	1d	29-Feb-24	01-Mar-24	125d
Track-to-Track		1d	29-Feb-24	01-Mar-24	125d
DP-I86-BC-1660	Traction Power - Zone i86 - Connect Bond to Studs	1d	29-Feb-24	01-Mar-24	125d
Pit-to-Pit		31d	21-May-24	05-Jul-24	72d
DP-I86-HC-1020	Traction Power - Zone i86 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	72d
DP-I86-ST-1000	Traction Power - Zone i86 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	72d
Pit-to-OLE		9d	10-Sep-24	24-Sep-24	20d
DP-I86-HC-1560	Traction Power - Zone i86 - WR17/18 - Pull Helper Cables & Bonding from Pit to OHL	6d	10-Sep-24	20-Sep-24	20d
DP-I86-HC-1580	Traction Power - Zone i86 - WR17/18 - Helper Cable & Bonding - Test & Terminate	3d	20-Sep-24	24-Sep-24	20d
Overhead Line		18d	09-Aug-24	10-Sep-24	11d
DP-I86-OH-1020	Traction Power - Zone i86 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	10d	09-Aug-24	28-Aug-24	13d
DP-I86-OH-1040	Traction Power - Zone i86 - Overhead Wiring - Wire Run 17/18 & QA	4d	05-Sep-24	10-Sep-24	11d
Zone 2I (Ch39,931 - 40,240) - 309m		491d	19-Oct-22	23-Oct-24	133d
Public Utilities Plant Works		219d	19-Oct-22	13-Sep-23	231d
DP-2I-MS-1000	PUP Works - Zone 2I - Conduits and Pipes Complete - Civil work to Commence	0d		07-Jul-23	66d
CoGC - Water		21d	18-May-23	19-Jun-23	79d
DP-2I-WT-2010	PUP Works - Zone 2I - (WA-300-194) - DN150 - Install DICL - Excav/Lay/Bfill (Incl in WA-300-192)	0d	18-May-23	18-May-23	74d



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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
DP-2I-WT-S0061	PUP Works - Zone 2I - (WA-S-061)	1d	18-May-23	19-May-23	99d	
DP-1A-WT-S062	PUP Works - Zone 2I - (WA-S-062)	1d	18-May-23	19-May-23	99d	
DP-1A-WT-S063	PUP Works - Zone 2I - (WA-S-063)	1d	18-May-23	19-May-23	99d	
DP-2I-WT-2000	PUP Works - Zone 2I - (WA-300-193)	2d	18-May-23	20-May-23	93d	
DP-2I-WT-2030	PUP Works - Zone 2I - (WA-300-196) - DN150 - Install DICL - Excav/Lay/Bfill - Road Crossing	13d	18-May-23	06-Jun-23	80d	
DP-2I-WT-2040	PUP Works - Zone 2I - (WA-300-200, WA-300-201) - DN150 - Install DICL - Excav/Lay/Bfill - Road Crossing	17d	18-May-23	13-Jun-23	74d	
DP-2I-WT-2020	PUP Works - Zone 2I - (WA-300-195)	2d	06-Jun-23	08-Jun-23	80d	
DP-2I-WT-2050	PUP Works - Zone 2I - (WA-300-205)	2d	13-Jun-23	16-Jun-23	74d	
DP-2I-WT-2060	PUP Works - Zone 2I - (WA-300-206)	2d	16-Jun-23	19-Jun-23	74d	
CoGC Sewer		14d	19-Oct-22	11-Nov-22	195d	
DP-2I-SW-1000	PUP Works - Zone 2I - Sewer Pipe Reline (SE-300-150) and Protect 200DICL x 37m (SE-300-149)	14d	19-Oct-22	11-Nov-22	195d	
Energex		131d	07-Mar-23	13-Sep-23	231d	
Pre-Works		1d	20-Mar-23	20-Mar-23	141d	
DP-2I-EG-1680	PUP Works - Zone 2I - Gold Coast Hwy - Energex to install tigertails	1d	20-Mar-23	20-Mar-23	141d	
Conduits & Pits		43d	07-Mar-23	23-May-23	62d	
DP-2I-EG-1815	PUP Works - Zone 2I - Gold Coast Hwy - Ocean St - Station 60 to 74 (EL-300-116)	5d	07-Mar-23	16-Mar-23	62d	
DP-2I-EG-1830	PUP Works - Zone 2I - Gold Coast Hwy - NthB adj Ocean St Intersection - Station 61 to 65 (EL-300-025)	7d	16-Mar-23	24-Mar-23	62d	
DP-2I-EG-1020	PUP Works - Zone 2I - Gold Coast Hwy - NthB - Goodwin Terrace to Park Ave Intersection - Station 45 to 51 (EL-3	10d	18-Mar-23	03-Apr-23	65d	
DP-2I-EG-1850	PUP Works - Zone 2I - Gold Coast Hwy - Traverse Gold Coast Hwy - Station 65to68 (EL-300-079 resolved by 300	12d	24-Mar-23	22-Apr-23	62d	
DP-2I-EG-1030	PUP Works - Zone 2I - Gold Coast Hwy & Park Ave Intersection - Station 50 to 51 to 52 (EL-300-025)	2d	03-Apr-23	06-Apr-23	65d	
DP-2I-EG-1040	PUP Works - Zone 2I - Traverse across Park Ave & Ocean St Intersection - Station 50 to 51 to 56 (EL-300-116)	4d	06-Apr-23	21-Apr-23	65d	
DP-2I-EG-1050	PUP Works - Zone 2I - Park Ave & Ocean St Intersection - Station 52 to 57 (EL-300-116)	11d	21-Apr-23	12-May-23	65d	
DP-2I-EG-1870	PUP Works - Zone 2I - Gold Coast Hwy - SthB Opp Swell Apartment - Station 66 to 67 (EL-300-079 resolved by 3	5d	22-Apr-23	02-May-23	62d	
DP-2I-EG-1890	PUP Works - Zone 2I - Gold Coast Hwy - Ocean St - Station 74 to 76 (EL-300-109)	3d	02-May-23	05-May-23	62d	
DP-2I-EG-1910	PUP Works - Zone 2I - Gold Coast Hwy - Ocean St - Station 74 to 80 to 81(EL-300-014)+TPS FEEDS	11d	05-May-23	23-May-23	62d	
DP-2I-EG-1060	PUP Works - Zone 2I - Park Ave & Ocean St Intersection - Works to Pad Area	1d	12-May-23	13-May-23	65d	
DP-2I-EG-1070	PUP Works - Zone 2I - Gold Coast Hwy - Traverse across Ocean St (Station 60 to 61, EL-300-025)	4d	13-May-23	18-May-23	65d	
Energex Works		80d	23-May-23	13-Sep-23	231d	
DP-2I-EG-2000	PUP Works - Zone 2I - Gold Coast Hwy - Notification to Energex	50d	23-May-23	01-Aug-23	231d	
DP-2I-EG-2010	PUP Works - Zone 2I - Gold Coast Hwy - Energex Works & Cutover (EL-300-079)	30d	01-Aug-23	13-Sep-23	231d	
APA Gas		44d	23-May-23	24-Jul-23	111d	
Protect/Relocate		19d	23-May-23	21-Jun-23	73d	
DP-2I-GA-1000	PUP Works - Zone 2I - Gas Relocation DN90 IN DN160 & DN63 IN DN110 (GA-300-032 / 033 / 034 / 035)	19d	23-May-23	21-Jun-23	73d	
Cutover		23d	21-Jun-23	24-Jul-23	111d	
DP-2I-GA-1180	PUP Works - Zone 2i - D&C Contractor to Notify APA Gas	20d	21-Jun-23	19-Jul-23	111d	
DP-2i-GA-1200	PUP Works - Zone 2i - APA Gas Cutover (GA-300-032 / 033 / 034 / 035)	3d	19-Jul-23	24-Jul-23	111d	
Telstra		34d	18-May-23	07-Jul-23	62d	
Trench (D&C Contractor)		34d	18-May-23	07-Jul-23	62d	
DP-2I-TLS-1640	PUP Works - Zone 2I - Gold Coast Hwy - Install Major Protection slab (TE-300-130 / 135)	10d	18-May-23	02-Jun-23	85d	
DP-2I-TLS-1620	PUP Works - Zone 2I - Gold Coast Hwy - Relocation along new verge (TE-300-128 / 129 / 133 / 138)	30d	23-May-23	07-Jul-23	62d	
Street Lighting Relocations		5d	07-Jul-23	14-Jul-23	66d	
DP-2I-Stl-1000	Lighting Works - Zone 2I - Install Temporary Street Lighting	2d	07-Jul-23	11-Jul-23	66d	
DP-2I-Stl-1020	Lighting Works - Zone 2I - Removal of Existing Lighting	3d	11-Jul-23	14-Jul-23	66d	
Stormwater Drainage		83d	18-Jul-23	29-Nov-23	64d	
Southbound		10d	18-Jul-23	01-Aug-23	61d	
DP-2I-DR-1780	Drainage Works - Zone 2I - Gold Coast Hwy - Stormwater RCP 375 - Excav/Lay/Bfil (Southbound)	10d	18-Jul-23	01-Aug-23	61d	
Northbound		8d	20-Sep-23	04-Oct-23	63d	
DP-2I-DR-1820	Drainage Works - Zone 2I - Gold Coast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfil (Northbound)	8d	20-Sep-23	04-Oct-23	63d	
Undertrack		13d	09-Nov-23	29-Nov-23	64d	
DP-2I-DR-1760	Drainage Works - Zone 2I - Gold Coast Hwy - Stormwater RCP 450 - Excav/Lay/Bfil (Undertrack)	13d	09-Nov-23	29-Nov-23	64d	
Civil Works - Finishing Kerbs and Southbound Lanes		47d	14-Jul-23	20-Sep-23	71d	
DP-2I-CW-1520	Civil Works - Zone 2I - Shift Traffic West	2d	14-Jul-23	18-Jul-23	66d	
DP-2I-CW-1720	Civil Works - Zone 2I - Remove existing asphalt and subbase	5d	18-Jul-23	26-Jul-23	66d	
DP-2I-CW-2120	Civil Works - Zone 2I - Prepare subgrade	11d	01-Aug-23	19-Aug-23	61d	
DP-2I-CW-2180	Civil Works - Zone 2I - FRP New Kerb	6d	19-Aug-23	30-Aug-23	61d	
DP-2I-CW-1620	Civil Works - Zone 2I - Place subbase and base course	5d	30-Aug-23	06-Sep-23	68d	
DP-2I-CW-1740	Civil Works - Zone 2I - FRP pedestrian footpath	5d	30-Aug-23	07-Sep-23	69d	
DP-2I-CW-1420	Civil Works - Zone 2I - Place asphalt (Incl Prime and Seal)	8d	06-Sep-23	18-Sep-23	62d	
DP-2I-CW-1500	Civil Works - Zone 2I - Shift Traffic to Kerb and Shoulder Lanes	2d	18-Sep-23	20-Sep-23	71d	
Civil Works - Finishing Kerbs and Northbound Lanes		31d	20-Sep-23	06-Nov-23	78d	
DP-2I-CW-1800	Civil Works - Zone 2I - Shift Traffic East	0d		20-Sep-23	71d	
DP-2I-CW-1820	Civil Works - Zone 2I - Remove existing asphalt and subbase	3d	20-Sep-23	23-Sep-23	68d	
DP-2I-CW-1840	Civil Works - Zone 2I - Prepare subgrade	8d	04-Oct-23	16-Oct-23	63d	
DP-2I-CW-2220	Civil Works - Zone 2I - FRP New Kerb	6d	16-Oct-23	23-Oct-23	63d	
DP-2I-CW-1880	Civil Works - Zone 2I - Place subbase and base course	3d	23-Oct-23	26-Oct-23	77d	
DP-2I-CW-2240	Civil Works - Zone 2I - FRP pedestrian footpath	5d	23-Oct-23	01-Nov-23	65d	
DP-2I-CW-1760	Civil Works - Zone 2I - Place asphalt (Incl Prime and Seal)	4d	26-Oct-23	02-Nov-23	65d	

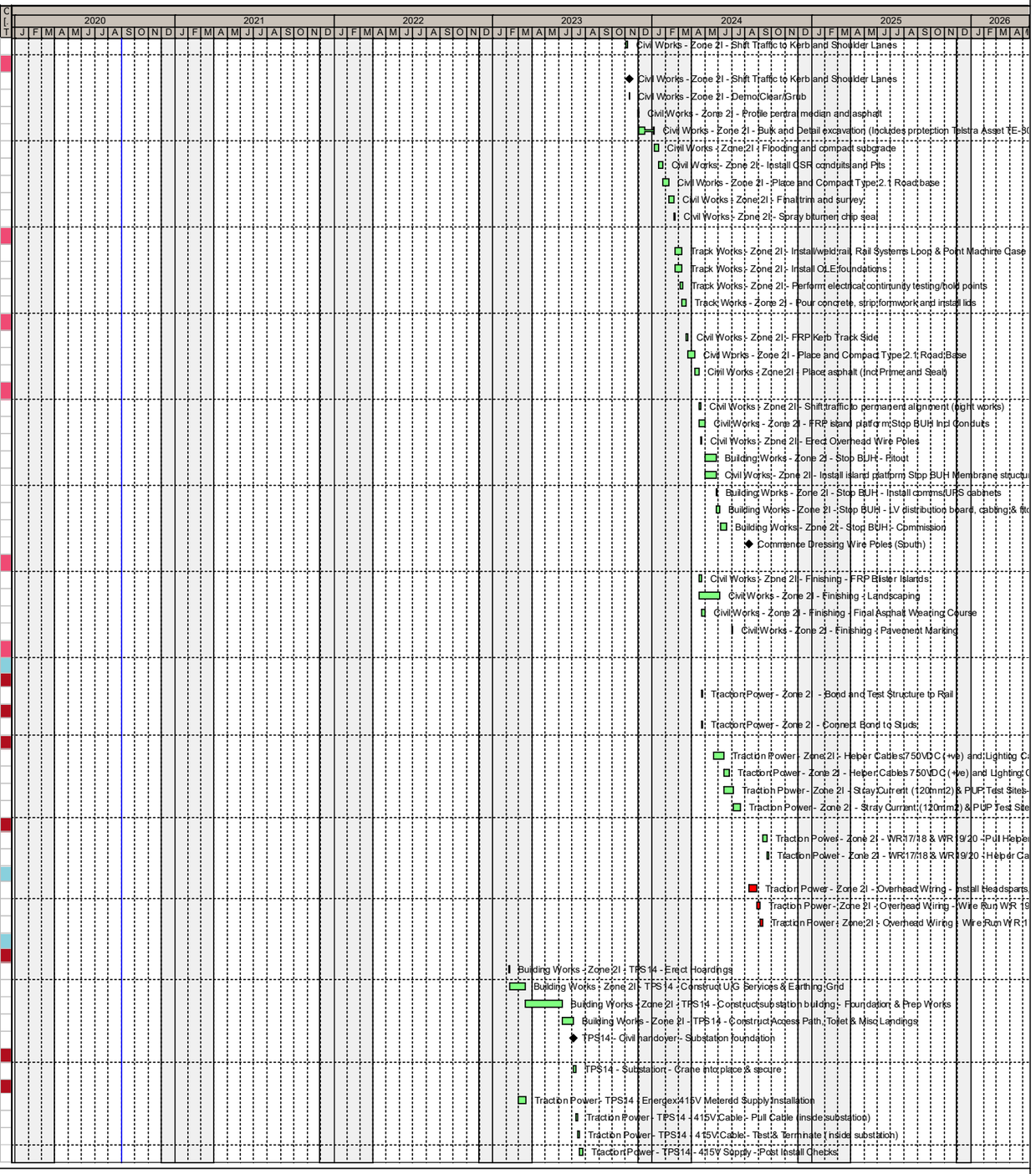


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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2I-CW-1780	Civil Works - Zone 2I - Shift Traffic to Kerb and Shoulder Lanes	2d	02-Nov-23	06-Nov-23	78d
Civil Works - Rail Corridor		55d	09-Nov-23	22-Feb-24	64d
DP-2I-CW-1000	Civil Works - Zone 2I - Shift Traffic to Kerb and Shoulder Lanes	0d		09-Nov-23	64d
DP-2I-CW-1040	Civil Works - Zone 2I - Demo/Clear/Grub	1d	09-Nov-23	10-Nov-23	76d
DP-2I-CW-2100	Civil Works - Zone 2I - Profile central median and asphalt	2d	29-Nov-23	01-Dec-23	64d
DP-2I-CW-1100	Civil Works - Zone 2I - Bulk and Detail excavation (Includes protection Telstra Asset TE-300-130 & TE-300-135)	12d	01-Dec-23	05-Jan-24	64d
DP-2I-CW-1120	Civil Works - Zone 2I - Flooding and compact subgrade	8d	05-Jan-24	16-Jan-24	64d
DP-2I-CW-1140	Civil Works - Zone 2I - Install CSR conduits and Pits	4d	16-Jan-24	25-Jan-24	64d
DP-2I-CW-1160	Civil Works - Zone 2I - Place and Compact Type 2.1 Road base	7d	25-Jan-24	08-Feb-24	64d
DP-2I-CW-1360	Civil Works - Zone 2I - Final trim and survey	8d	08-Feb-24	20-Feb-24	64d
DP-2I-CW-1180	Civil Works - Zone 2I - Spray bitumen chip seal	1d	20-Feb-24	22-Feb-24	64d
Civil Works - Track		16d	22-Feb-24	19-Mar-24	64d
DP-2I-TW-1000	Track Works - Zone 2I - Install/weld rail, Rail Systems Loop & Point Machine Case and form/reo	10d	22-Feb-24	09-Mar-24	64d
DP-2I-TW-1020	Track Works - Zone 2I - Install OLE foundations	10d	22-Feb-24	09-Mar-24	64d
DP-2I-TW-1040	Track Works - Zone 2I - Perform electrical continunity testing/hold points	4d	05-Mar-24	11-Mar-24	64d
DP-2I-TW-1080	Track Works - Zone 2I - Pour concrete, strip formwork and install lids	7d	08-Mar-24	19-Mar-24	64d
Civil Works - Reinstate Track Verge		13d	19-Mar-24	18-Apr-24	64d
DP-2I-CW-5080	Civil Works - Zone 2I - FRP Kerb Track Side	3d	19-Mar-24	23-Mar-24	64d
DP-2I-CW-1200	Civil Works - Zone 2I - Place and Compact Type 2.1 Road Base	3d	23-Mar-24	08-Apr-24	64d
DP-2I-CW-1700	Civil Works - Zone 2I - Place asphalt (Incl Prime and Seal)	7d	08-Apr-24	18-Apr-24	64d
Civil Works - System Fitout		79d	18-Apr-24	09-Aug-24	42d
DP-2I-CW-1640	Civil Works - Zone 2I - Shift traffic to permanent alignment (night works)	2d	18-Apr-24	22-Apr-24	68d
DP-2I-CW-1680	Civil Works - Zone 2I - FRP island platform Stop BUH Incl Conduits	10d	18-Apr-24	02-May-24	64d
DP-2I-CW-1660	Civil Works - Zone 2I - Erect Overhead Wire Poles	2d	22-Apr-24	24-Apr-24	80d
DP-2I-BW-2040	Building Works - Zone 2I - Stop BUH - Fitout	15d	02-May-24	27-May-24	77d
DP-2I-CW-1900	Civil Works - Zone 2I - Install island platform Stop BUH Membrane structure Incl Membrane	15d	02-May-24	27-May-24	64d
DP-2I-BW-2060	Building Works - Zone 2I - Stop BUH - Install comms/UPS cabinets	1d	27-May-24	28-May-24	76d
DP-2I-BW-2080	Building Works - Zone 2I - Stop BUH - LV distribution board, cabling & fitout	5d	27-May-24	04-Jun-24	64d
DP-2I-BW-1100	Building Works - Zone 2I - Stop BUH - Commission	10d	05-Jun-24	20-Jun-24	72d
DP-OH-MS-S006	Commence Dressing Wire Poles (South)	0d		09-Aug-24	9d
Civil Works - Finishing		50d	18-Apr-24	04-Jul-24	180d
DP-2I-CW-5000	Civil Works - Zone 2I - Finishing - FRP Blister Islands	5d	18-Apr-24	24-Apr-24	215d
DP-2I-CW-5060	Civil Works - Zone 2I - Finishing - Landscaping	30d	18-Apr-24	04-Jun-24	200d
DP-2I-CW-5020	Civil Works - Zone 2I - Finishing - Final Asphalt Wearing Course	4d	24-Apr-24	01-May-24	215d
DP-2I-CW-5040	Civil Works - Zone 2I - Finishing - Pavement Marking	2d	02-Jul-24	04-Jul-24	176d
Traction Power & Overhead Line		423d	07-Feb-23	23-Oct-24	3d
CSR Cabling		98d	24-Apr-24	24-Sep-24	20d
Structure-to-Track		1d	24-Apr-24	26-Apr-24	89d
DP-2I-BC-1660	Traction Power - Zone 2I - Bond and Test Structure to Rail	1d	24-Apr-24	26-Apr-24	89d
Track-to-Track		1d	24-Apr-24	26-Apr-24	89d
DP-2I-BC-1000	Traction Power - Zone 2I - Connect Bond to Studs	1d	24-Apr-24	26-Apr-24	89d
Pit-to-Pit		41d	21-May-24	22-Jul-24	62d
DP-2I-HC-1020	Traction Power - Zone 2I - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	15d	21-May-24	14-Jun-24	62d
DP-2I-HC-1540	Traction Power - Zone 2I - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	10d	14-Jun-24	26-Jun-24	78d
DP-2I-ST-1000	Traction Power - Zone 2I - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	16d	14-Jun-24	05-Jul-24	62d
DP-2I-ST-2280	Traction Power - Zone 2I - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	10d	05-Jul-24	22-Jul-24	62d
Pit-to-OLE		9d	10-Sep-24	24-Sep-24	20d
DP-2I-HC-1480	Traction Power - Zone 2I - WR17/18 & WR19/20 - Pull Helper Cables & Bonding from Pit to OHL	6d	10-Sep-24	20-Sep-24	20d
DP-2I-HC-1500	Traction Power - Zone 2I - WR17/18 & WR19/20 - Helper Cable & Bonding - Test & Terminate	3d	20-Sep-24	24-Sep-24	20d
Overhead Line		18d	09-Aug-24	10-Sep-24	20d
DP-2I-OH-1020	Traction Power - Zone 2I - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	10d	09-Aug-24	28-Aug-24	9d
DP-2I-OH-1100	Traction Power - Zone 2I - Overhead Wiring - Wire Run WR 19/20 & QA	4d	28-Aug-24	05-Sep-24	9d
DP-2I-OH-1040	Traction Power - Zone 2I - Overhead Wiring - Wire Run WR 17/18 & QA	4d	05-Sep-24	10-Sep-24	20d
TPS14 - Ocean St (Ch40050)		423d	07-Feb-23	23-Oct-24	3d
TPS14 Structure		87d	07-Feb-23	04-Jul-23	64d
DP-2I-BW-1000	Building Works - Zone 2I - TPS14 - Erect Hoardings	2d	07-Feb-23	09-Feb-23	64d
DP-2I-BW-1040	Building Works - Zone 2I - TPS14 - Construct U/G Services & Earthing Grid	20d	09-Feb-23	16-Mar-23	64d
DP-2I-BW-1060	Building Works - Zone 2I - TPS14 - Construct substation building - Foundation & Prep Works	50d	16-Mar-23	08-Jun-23	64d
DP-2I-BW-1080	Building Works - Zone 2I - TPS14 - Construct Access Path, Toilet & Misc Landings	15d	08-Jun-23	04-Jul-23	64d
DP-2I-SS-1000	TPS14 - Civil handover - Substation foundation	0d	04-Jul-23		64d
TPS14 Substation		5d	04-Jul-23	10-Jul-23	64d
DP-2I-SS-1020	TPS14 - Substation - Crane into place & secure	5d	04-Jul-23	10-Jul-23	64d
LV Cabling (415V)		90d	28-Feb-23	26-Jul-23	64d
DP-2I-SS-2200	Traction Power - TPS14 - Energex 415V Metered Supply Installation	10d	28-Feb-23	17-Mar-23	138d
DP-2I-SS-1520	Traction Power - TPS14 - 415V Cable - Pull Cable (inside substation)	3d	10-Jul-23	14-Jul-23	64d
DP-2I-SS-1580	Traction Power - TPS14 - 415V Cable - Test & Terminate (inside substation)	3d	15-Jul-23	19-Jul-23	64d
DP-2I-SS-2260	Traction Power - TPS14 - 415V Supply - Post Install Checks	5d	19-Jul-23	26-Jul-23	64d

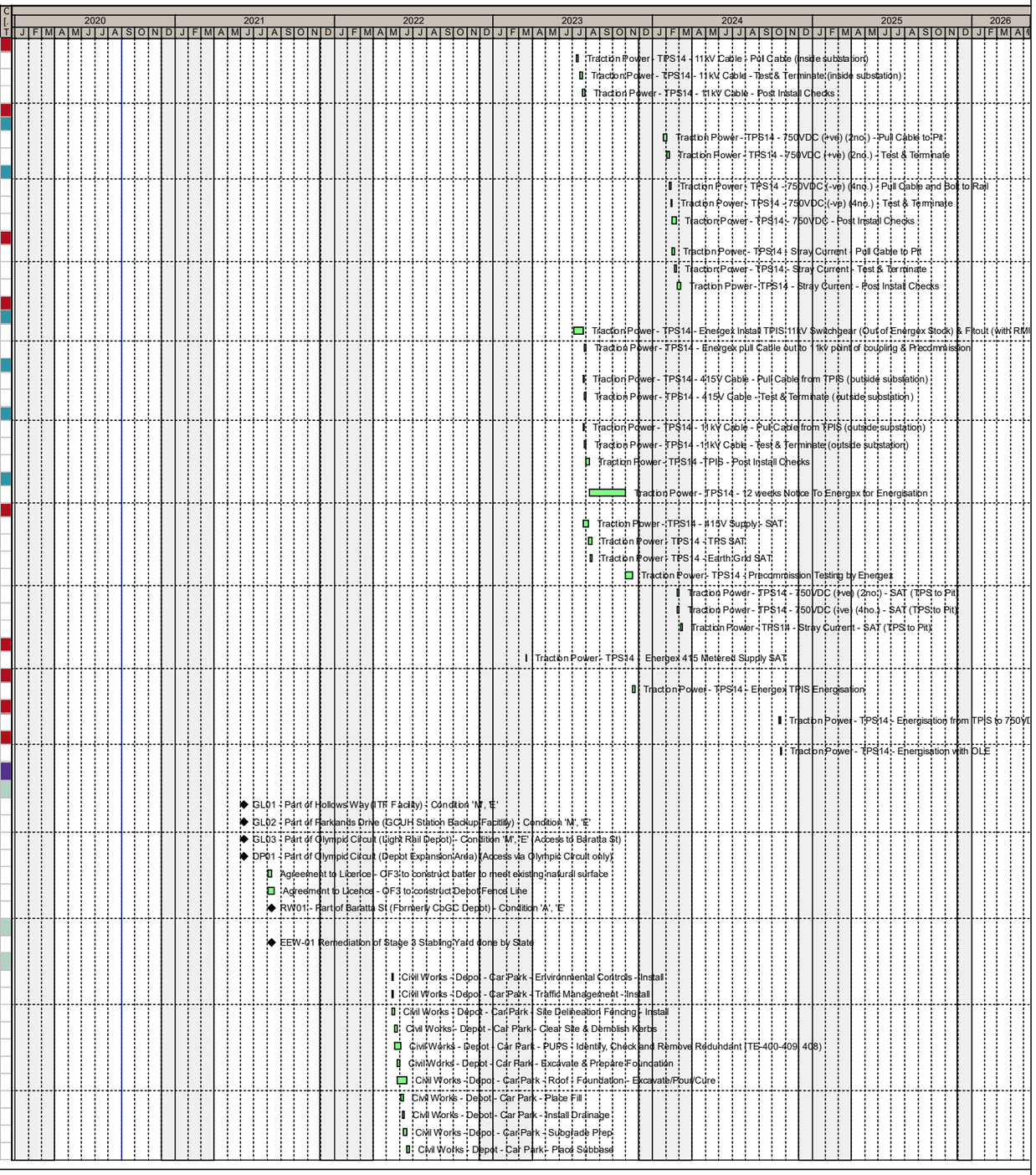


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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
HV Cabling (11kV)		14d	10-Jul-23	29-Jul-23	233d	
DP-2I-SS-1600	Traction Power - TPS14 - 11kV Cable - Pull Cable (inside substation)	3d	10-Jul-23	14-Jul-23	185d	
DP-2I-SS-1620	Traction Power - TPS14 - 11kV Cable - Test & Terminate (inside substation)	3d	19-Jul-23	24-Jul-23	182d	
DP-2I-SS-2280	Traction Power - TPS14 - 11kV Cable - Post Install Checks	5d	24-Jul-23	29-Jul-23	233d	
Traction Cabling		18d	25-Jan-24	24-Feb-24	146d	
750VDC (+ve)		7d	25-Jan-24	08-Feb-24	71d	
DP-2I-SS-1680	Traction Power - TPS14 - 750VDC (+ve) (2no.) - Pull Cable to Pit	4d	25-Jan-24	02-Feb-24	71d	
DP-2I-SS-1700	Traction Power - TPS14 - 750VDC (+ve) (2no.) - Test & Terminate	3d	02-Feb-24	08-Feb-24	71d	
750VDC (-ve)		11d	08-Feb-24	24-Feb-24	146d	
DP-2I-SS-1720	Traction Power - TPS14 - 750VDC (-ve) (4no.) - Pull Cable and Bolt to Rail	3d	08-Feb-24	12-Feb-24	71d	
DP-2I-SS-1740	Traction Power - TPS14 - 750VDC (-ve) (4no.) - Test & Terminate	3d	12-Feb-24	15-Feb-24	71d	
DP-2I-SS-2300	Traction Power - TPS14 - 750VDC - Post Install Checks	5d	15-Feb-24	24-Feb-24	146d	
Stray Current Cabling		10d	15-Feb-24	05-Mar-24	71d	
DP-2I-ST-2220	Traction Power - TPS14 - Stray Current - Pull Cable to Pit	2d	15-Feb-24	20-Feb-24	71d	
DP-2I-ST-2240	Traction Power - TPS14 - Stray Current - Test & Terminate	3d	20-Feb-24	24-Feb-24	71d	
DP-2I-ST-2300	Traction Power - TPS14 - Stray Current - Post Install Checks	5d	26-Feb-24	05-Mar-24	71d	
Energex		83d	04-Jul-23	31-Oct-23	76d	
TPIS Install		21d	04-Jul-23	01-Aug-23	74d	
DP-2I-SS-1540	Traction Power - TPS14 - Energex Install TPIS 11kV Switchgear (Out of Energex Stock) & Fitout (with RMU)	15d	04-Jul-23	25-Jul-23	74d	
DP-2I-SS-1640	Traction Power - TPS14 - Energex pull Cable out to 11kv point of coupling & Precommission	3d	28-Jul-23	01-Aug-23	74d	
LV Cabling (415V)		6d	25-Jul-23	01-Aug-23	74d	
DP-2I-SS-1900	Traction Power - TPS14 - 415V Cable - Pull Cable from TPIS (outside substation)	3d	25-Jul-23	28-Jul-23	74d	
DP-2I-SS-1920	Traction Power - TPS14 - 415V Cable - Test & Terminate (outside substation)	3d	28-Jul-23	01-Aug-23	74d	
HV Cabling (11kV)		11d	25-Jul-23	08-Aug-23	74d	
DP-2I-SS-1940	Traction Power - TPS14 - 11kV Cable - Pull Cable from TPIS (outside substation)	3d	25-Jul-23	28-Jul-23	74d	
DP-2I-SS-1960	Traction Power - TPS14 -11kV Cable - Test & Terminate (outside substation)	3d	28-Jul-23	01-Aug-23	74d	
DP-2I-SS-2320	Traction Power - TPS14 -TPIS - Post Install Checks	5d	01-Aug-23	08-Aug-23	74d	
Energex Notification for Energisation		84d	08-Aug-23	31-Oct-23	121d	
DP-2I-SS-2360	Traction Power - TPS14 - 12 weeks Notice To Energex for Energisation	84d	08-Aug-23	31-Oct-23	121d	
SAT		150d	26-Jul-23	09-Mar-24	157d	
DP-2I-SS-1780	Traction Power - TPS14 - 415V Supply - SAT	8d	26-Jul-23	07-Aug-23	69d	
DP-2I-SS-1800	Traction Power - TPS14 - TPS SAT	6d	07-Aug-23	15-Aug-23	263d	
DP-2I-SS-2340	Traction Power - TPS14 - Earth Grid SAT	3d	10-Aug-23	15-Aug-23	290d	
DP-2I-SS-1660	Traction Power - TPS14 - Precommission Testing by Energex	8d	31-Oct-23	16-Nov-23	63d	
DP-2I-SS-1820	Traction Power - TPS14 - 750VDC (+ve) (2no.) - SAT (TPS to Pit)	3d	26-Feb-24	01-Mar-24	146d	
DP-2I-SS-1840	Traction Power - TPS14 - 750VDC (-ve) (4no.) - SAT (TPS to Pit)	3d	26-Feb-24	01-Mar-24	146d	
DP-2I-ST-2260	Traction Power - TPS14 - Stray Current - SAT (TPS to Pit)	3d	05-Mar-24	09-Mar-24	71d	
Energex 415V Metered Supply SAT		1d	17-Mar-23	18-Mar-23	142d	
DP-2I-SS-2180	Traction Power - TPS14 - Energex 415 Metered Supply SAT	1d	17-Mar-23	18-Mar-23	142d	
TPIS Energisation		4d	16-Nov-23	21-Nov-23	63d	
DP-2I-SS-2120	Traction Power - TPS14 - Energex TPIS Energisation	4d	16-Nov-23	21-Nov-23	63d	
Energisation from TPIS to 750VDC		3d	17-Oct-24	21-Oct-24	3d	
DP-2I-SS-2080	Traction Power - TPS14 - Energisation from TPIS to 750VDC Switchboard	3d	17-Oct-24	21-Oct-24	3d	
Energisation with OLE		2d	21-Oct-24	23-Oct-24	3d	
DP-2I-SS-2000	Traction Power - TPS14 - Energisation with OLE	2d	21-Oct-24	23-Oct-24	3d	
Depot / Stabling Yard Area (Separable Portion A)		915d	08-Jun-21	11-Mar-25	246d	
Site Access Dates - Client Nominated		50d	08-Jun-21	16-Aug-21	439d	
DP-SA-4-GL01	GL01 - Part of Hollows Way (ITF Facility) - Condition 'M', 'E'	0d	08-Jun-21		489d	
DP-SA-4-GL02	GL02 - Part of Parklands Drive (GCUH Station Backup Facility) - Condition 'M', 'E'	0d	08-Jun-21		489d	
DP-SA-4-GL03	GL03 - Part of Olympic Circuit (Light Rail Depot) - Condition 'M', 'E' (Access to Baratta St)	0d	08-Jun-21		476d	
DP-SA-4-DP01	DP01 - Part of Olympic Circuit (Depot Expansion Area) (Access via Olympic Circuit only)	0d	08-Jun-21		489d	
DP-SA-4-10	Agreement to Licence - OF3 to construct batter to meet existing natural surface	5d	03-Aug-21	09-Aug-21	444d	
DP-SA-4-FENCE	Agreement to Licence - OF3 to construct Depot Fence Line	10d	03-Aug-21	16-Aug-21	426d	
DP-SA-4-RW01	RW01 - Part of Baratta St (Formerly CoGC Depot) - Condition 'A', 'E'	0d	10-Aug-21		444d	
Enabling Works - EEW-01 Remediation of Stage 3 Stabling Yard by State		0d	10-Aug-21	10-Aug-21	444d	
DP-SA-4-EEW-01	EEW-01 Remediation of Stage 3 Stabling Yard done by State	0d		10-Aug-21	444d	
Civil Works - Car Park		74d	13-May-22	24-Aug-22	285d	
DP-4A-CW-7000	Civil Works - Depot - Car Park - Environmental Controls - Install	2d	13-May-22	16-May-22	286d	
DP-4A-CW-7020	Civil Works - Depot - Car Park - Traffic Management - Install	2d	13-May-22	16-May-22	286d	
DP-4A-CW-7040	Civil Works - Depot - Car Park - Site Delineation Fencing - Install	5d	13-May-22	19-May-22	283d	
DP-4A-CW-7060	Civil Works - Depot - Car Park - Clear Site & Demolish Kerbs	4d	20-May-22	25-May-22	283d	
DP-4A-CW-7480	Civil Works - Depot - Car Park - PUPS - Identify, Check and Remove Redundant (TE-400-409, 408)	10d	20-May-22	02-Jun-22	287d	
DP-4A-CW-7080	Civil Works - Depot - Car Park - Excavate & Prepare Foundation	5d	26-May-22	01-Jun-22	283d	
DP-4A-CW-7400	Civil Works - Depot - Car Park - Roof - Foundation - Excavate/Pour/Cure	15d	26-May-22	15-Jun-22	310d	
DP-4A-CW-7100	Civil Works - Depot - Car Park - Place Fill	5d	02-Jun-22	08-Jun-22	283d	
DP-4A-CW-7140	Civil Works - Depot - Car Park - Install Drainage	5d	06-Jun-22	10-Jun-22	286d	
DP-4A-CW-7120	Civil Works - Depot - Car Park - Subgrade Prep	5d	09-Jun-22	15-Jun-22	283d	
DP-4A-CW-7160	Civil Works - Depot - Car Park - Place Subbase	5d	16-Jun-22	22-Jun-22	283d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
DP-4A-CW-7200	Civil Works - Depot - Car Park - Place Kerb and Channel	10d	23-Jun-22	06-Jul-22	283d	
DP-4A-CW-7180	Civil Works - Depot - Car Park - Place Base	5d	07-Jul-22	13-Jul-22	283d	
DP-4A-CW-7220	Civil Works - Depot - Car Park - Prime	2d	14-Jul-22	15-Jul-22	283d	
DP-4A-CW-7240	Civil Works - Depot - Car Park - Prime Cure Period	3d	16-Jul-22	18-Jul-22	423d	
DP-4A-CW-7260	Civil Works - Depot - Car Park - Place asphalt (Incl Prime and Seal)	2d	19-Jul-22	20-Jul-22	285d	
DP-4A-CW-7280	Civil Works - Depot - Car Park - Asphalt Cure Period	2d	21-Jul-22	22-Jul-22	446d	
DP-4A-CW-7420	Civil Works - Depot - Car Park - Roof - Support Structure Install	10d	21-Jul-22	03-Aug-22	285d	
DP-4A-CW-7300	Civil Works - Depot - Car Park - Apply Line Marking	2d	25-Jul-22	26-Jul-22	299d	
DP-4A-CW-7460	Civil Works - Depot - Car Park - Covered Walkway - Install	20d	26-Jul-22	22-Aug-22	285d	
DP-4A-CW-7320	Civil Works - Depot - Car Park - Topsoil & Landscape	5d	27-Jul-22	02-Aug-22	299d	
DP-4A-CW-7340	Civil Works - Depot - Car Park - Install Permanent Fence	5d	27-Jul-22	02-Aug-22	299d	
DP-4A-CW-7440	Civil Works - Depot - Car Park - Roof - Install	10d	28-Jul-22	10-Aug-22	293d	
DP-4A-CW-7360	Civil Works - Depot - Car Park - Remove Traffic Management & Open Carpark	2d	23-Aug-22	24-Aug-22	285d	
Civil Works - Stabling Yard		95d	17-Aug-22	13-Jan-23	193d	
DP-4B-EW-1000	Civil Works - Depot - Environmental Controls - Install	4d	17-Aug-22	23-Aug-22	195d	
DP-4B-SW-1000	Civil Works - Depot - Decommission Sewer (SE-400-160)	3d	23-Aug-22	29-Aug-22	195d	
DP-4B-EW-1260	Civil Works - Depot - Preliminaries - Survey / Saw Cut / Asphalt Removal	1d	29-Aug-22	30-Aug-22	195d	
DP-4B-EW-1020	Civil Works - Depot - Excavate - Bulk and Detail excavation	5d	30-Aug-22	07-Sep-22	169d	
DP-4B-EW-1520	Civil Works - Depot - PUPs - Identify, Check & Remove Redundant (EL-400-176, 177, 178) (TE-400-407, 408, 411	5d	31-Aug-22	07-Sep-22	194d	
DP-4B-EW-1040	Civil Works - Depot - Excavate - Detail and Final Trim	2d	07-Sep-22	08-Sep-22	194d	
DP-4B-EW-1280	Civil Works - Depot - Subgrade Prep - Track 1	1d	09-Sep-22	09-Sep-22	194d	
DP-4B-EW-1300	Civil Works - Depot - Subgrade Prep - Track 2	1d	12-Sep-22	12-Sep-22	198d	
DP-4B-EW-1320	Civil Works - Depot - Subgrade Prep - Track 3	1d	26-Sep-22	26-Sep-22	193d	
DP-4B-DR-1340	Civil Works - Depot - Drainage (Pit Rebuilds)	15d	12-Dec-22	13-Jan-23	193d	
DP-4B-CW-7400	Civil Works - Depot - Fencing - Remove Existing (Prior to Possession Period)	5d	09-Jan-23	13-Jan-23	193d	
Track Works - Stabling Yard		57d	13-Sep-22	01-Dec-22	178d	
DP-4B-CL-1000	CSR Works - Depot - Form / Conduit Install & Transverse joints - Track 1	9d	13-Sep-22	23-Sep-22	193d	
DP-4B-CL-1020	CSR Works - Depot - Form / Conduit Install & Transverse joints - Track 2	9d	13-Sep-22	23-Sep-22	198d	
DP-4B-TW-1060	Track Works - Depot - Install Reo / Rail and Jig Incl OHW Pole Foundations(CSR) - Track 1 (Extended Engineering	7d	26-Sep-22	05-Oct-22	193d	
DP-4B-TW-1140	Track Works - Depot - Install Reo / Rail and Jig Incl OHW Pole Foundations (CSR) - Track 2 (Extended Engineerin	7d	26-Sep-22	05-Oct-22	198d	
DP-4B-CL-1040	CSR Works - Depot - Form / Conduit Install & Transverse joints - Track 3	9d	27-Sep-22	10-Oct-22	193d	
DP-4B-TW-1120	Track Works - Depot - Install Form and Transverse Joints - Track 1	5d	06-Oct-22	12-Oct-22	193d	
DP-4B-TW-1180	Track Works - Depot - Install Reo / Rail and Jig Incl OHW Pole Foundations (CSR)- Track 3 (Extended Engineering	7d	11-Oct-22	19-Oct-22	193d	
DP-4B-TW-1160	Track Works - Depot - Install Form and Transverse Joints - Track 2	5d	13-Oct-22	19-Oct-22	193d	
DP-4B-TW-1200	Track Works - Depot - Install Form and Transverse Joints - Track 3	5d	20-Oct-22	26-Oct-22	193d	
DP-4B-TW-1240	Track Works - Depot - Pour Concrete - Tracks 1, 2 & 3 Straights (5 Pours)	5d	27-Oct-22	02-Nov-22	193d	
DP-4B-TW-1220	Track Works - Depot - Form Turn Outs and Rail Block Outs (Tracks 1-3)	10d	09-Nov-22	22-Nov-22	179d	
DP-4B-TW-1260	Track Works - Depot - Pour Concrete - Turn Outs (2 Pours)	2d	23-Nov-22	24-Nov-22	179d	
DP-4B-TW-1280	Track Works - Depot - Cure Slab (Tracks 1, 2, 3 & Turnouts)	7d	25-Nov-22	01-Dec-22	272d	
DP-4B-TW-1300	Track Works - Depot - Strip Final Forms and Clean Up	5d	25-Nov-22	01-Dec-22	178d	
Track Works - Turn Out Install (Connection Exist to New Stable line)		21d	02-Dec-22	13-Jan-23	178d	
DP-4B-TR-1000	Track System - Depot - Install Turnouts (Extended Engineering Hours)	15d	02-Dec-22	22-Dec-22	178d	6
DP-4B-TR-1020	Track System - Depot - Pour Elastomeric (per Elastomeric) (Extended Engineering Hours)	15d	05-Dec-22	23-Dec-22	178d	
DP-4B-TR-1040	Track System - Depot - Finishing Works & Clean Up after Elastomeric Pours (Extended Engineering Hours)	15d	12-Dec-22	13-Jan-23	178d	
Traction Power & Overhead Wiring		27d	11-Nov-22	20-Dec-22	201d	
CSR Cabling		14d	25-Nov-22	15-Dec-22	205d	
LV System		13d	25-Nov-22	13-Dec-22	196d	
Distribution Board		2d	25-Nov-22	28-Nov-22	201d	
DP-4B-LV-1180	Depot - Yard - Distribution Boards - Install	2d	25-Nov-22	28-Nov-22	201d	
LV Cable		13d	25-Nov-22	13-Dec-22	196d	
DP-4B-LV-1120	Depot - Yard - LV Cable - Lay Conduits	2d	25-Nov-22	28-Nov-22	196d	
DP-4B-LV-1140	Depot - Yard - LV Cable - Cable Pull	5d	29-Nov-22	05-Dec-22	196d	
DP-4B-LV-1160	Depot - Yard - LV Cable - Terminate at Distribution Board	3d	06-Dec-22	08-Dec-22	196d	
DP-4B-LV-1800	Depot - Yard - LV Power - Verification Checks	2d	09-Dec-22	12-Dec-22	196d	
DP-4B-LV-1900	Depot - Yard - LV Power - SAT	1d	13-Dec-22	13-Dec-22	196d	
HV Power		7d	06-Dec-22	15-Dec-22	205d	
DP-4B-HC-1040	Depot - Yard - Helper Cables 750VDC (+ve) - Pull Cable (Incl Fit Out Pit)	2d	06-Dec-22	09-Dec-22	180d	
DP-4B-HC-1060	Depot - Yard - Helper Cables - Terminate	1d	10-Dec-22	12-Dec-22	180d	
DP-4B-HC-1100	Depot - Yard - Helper Cables - SAT	1d	14-Dec-22	15-Dec-22	205d	
Stray Current		3d	09-Dec-22	14-Dec-22	205d	
DP-4B-ST-1020	Depot - Yard - Stray Current (120mm2) - Pull Cable (Incl Fit Out Pit)	1d	09-Dec-22	10-Dec-22	180d	
DP-4B-ST-1060	Depot - Yard - Stray Current - Terminate	1d	12-Dec-22	13-Dec-22	180d	
DP-4B-ST-1080	Depot - Yard - Stray Current - SAT	1d	13-Dec-22	14-Dec-22	205d	
OLE		27d	11-Nov-22	20-Dec-22	201d	
DP-4B-OH-1040	Overhead Wiring - Depot - Pre-Assemble Cantilever Arrangements/Headspans	15d	11-Nov-22	02-Dec-22	196d	
DP-4B-OH-1020	Overhead Wiring - Depot - Erect OHW Poles	3d	25-Nov-22	02-Dec-22	173d	



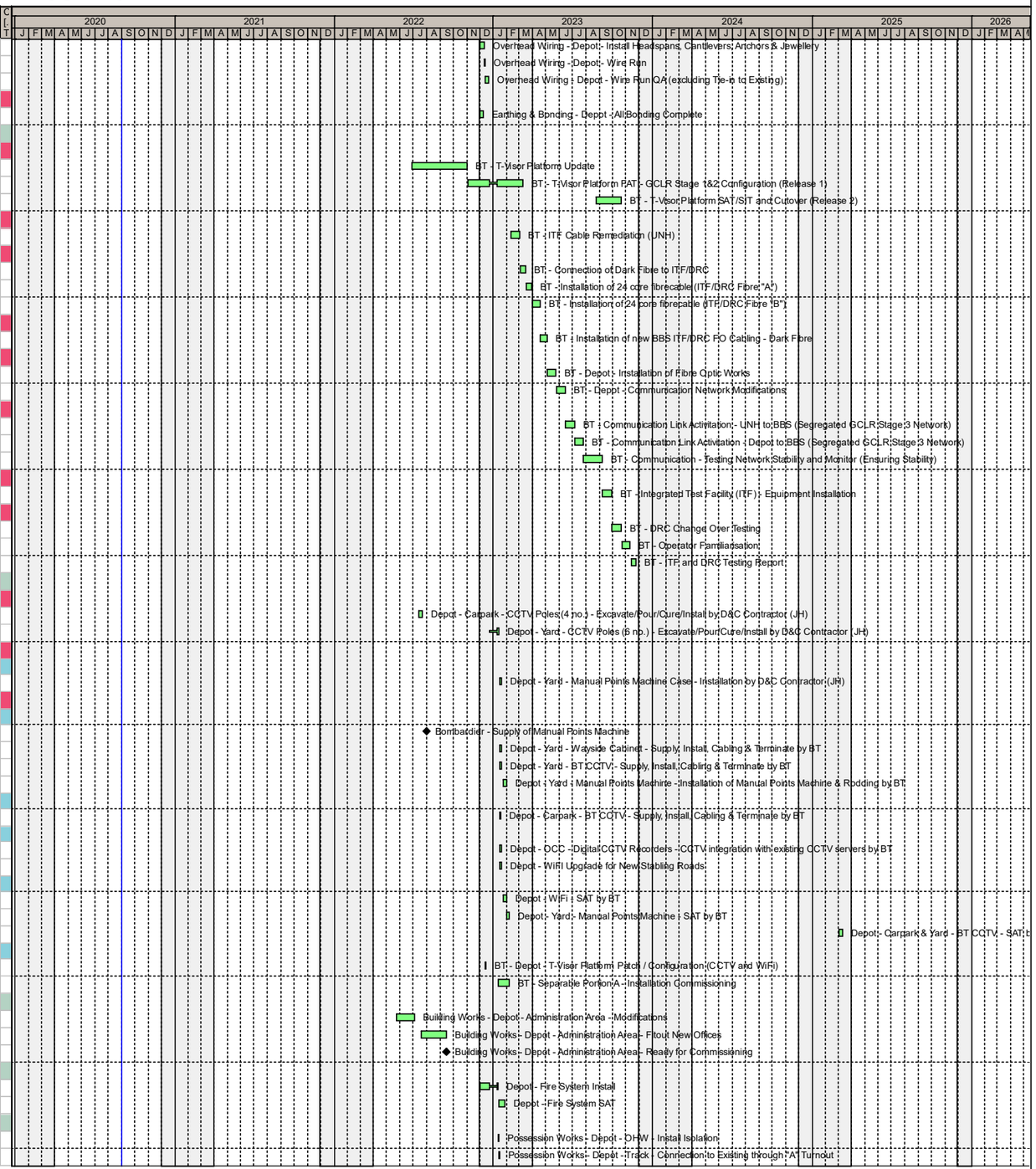
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C [illegible] T
DP-4B-OH-1070	Overhead Wiring - Depot - Install Headspans, Cantilevers, Anchors & Jewellery	5d	02-Dec-22	10-Dec-22	173d	
DP-4B-OH-1080	Overhead Wiring - Depot - Wire Run	2d	10-Dec-22	13-Dec-22	173d	
DP-4B-OH-1090	Overhead Wiring - Depot - Wire Run QA (excluding Tie-in to Existing)	5d	13-Dec-22	20-Dec-22	201d	
Earthing & Bonding		5d	02-Dec-22	09-Dec-22	204d	
DP-4B-EW-1500	Earthing & Bonding - Depot - All Bonding Complete	5d	02-Dec-22	09-Dec-22	204d	
Early Enabling Works (BT)		350d	28-Jun-22	24-Nov-23	177d	
TDR 4.1 Control System (T-Visor Platform Update)		325d	28-Jun-22	20-Oct-23	186d	
DP-000-BT-3260	BT - T-Visor Platform Update	90d	28-Jun-22	02-Nov-22	301d	
DP-000-BT-3270	BT - T-Visor Platform FAT - GCLR Stage 1&2 Configuration (Release 1)	80d	03-Nov-22	09-Mar-23	301d	
DP-000-BT-3280	BT - T-Visor Platform SAT/SIT and Cutover (Release 2)	40d	24-Aug-23	20-Oct-23	186d	
TDR 4.2 ITF Fibre Optic Cable Remediation		15d	10-Feb-23	02-Mar-23	177d	
DP-000-BT-3160	BT - ITF Cable Remediation (UNH)	15d	10-Feb-23	02-Mar-23	177d	
TDR 4.3 Installation of New ITF/DRC Fibre Optic Cabling - Dark Fibre		30d	03-Mar-23	17-Apr-23	177d	
DP-000-BT-3170	BT - Connection of Dark Fibre to ITF/DRC	10d	03-Mar-23	16-Mar-23	177d	
DP-000-BT-3180	BT - Installation of 24 core fibrecable (ITF/DRC Fibre "A")	10d	17-Mar-23	30-Mar-23	177d	
DP-000-BT-3190	BT - Installation of 24 core fibrecable (ITF/DRC Fibre "B")	10d	31-Mar-23	17-Apr-23	177d	
TDR 4.5 Installation of new BBS ITF/DRC Fibre Optic Cabling - Dark Fibre		10d	18-Apr-23	03-May-23	177d	
DP-000-BT-3220	BT - Installation of new BBS ITF/DRC FO Cabling - Dark Fibre	10d	18-Apr-23	03-May-23	177d	
TDR 4.4 Installation of new Depot ITF/DRC Fibre Optic Cabling - Dark Fibre		30d	04-May-23	14-Jun-23	177d	
DP-000-BT-3200	BT - Depot - Installation of Fibre Optic Works	15d	04-May-23	24-May-23	177d	
DP-000-BT-3210	BT - Depot - Communication Network Modifications	15d	25-May-23	14-Jun-23	177d	
TDR 4.6 Activition of Dark Fibre, Network testing and stability		60d	15-Jun-23	07-Sep-23	177d	
DP-000-BT-3230	BT - Communication Link Activitation - UNH to BBS (Segregated GCLR Stage 3 Network)	15d	15-Jun-23	05-Jul-23	177d	
DP-000-BT-3240	BT - Communication Link Activitation - Depot to BBS (Segregated GCLR Stage 3 Network)	15d	06-Jul-23	26-Jul-23	177d	
DP-000-BT-3250	BT - Communication - Testing Network Stability and Monitor (Ensuring Stability)	30d	27-Jul-23	07-Sep-23	177d	
TDR 4.7 Integrated Testing Facility		15d	08-Sep-23	28-Sep-23	177d	
DP-000-BT-2530	BT - Integrated Test Facility (ITF) - Equipment Installation	15d	08-Sep-23	28-Sep-23	177d	
TDR 4.8 Disaster Recover Centre - Functionality and Process Verification		40d	29-Sep-23	24-Nov-23	177d	
DP-000-BT-3390	BT - DRC Change Over Testing	15d	29-Sep-23	20-Oct-23	177d	
DP-000-BT-3400	BT - Operator Familiarisation	15d	23-Oct-23	10-Nov-23	177d	
DP-000-BT-3410	BT - ITF and DRC Testing Report	10d	13-Nov-23	24-Nov-23	177d	
Rail Systems		646d	14-Jul-22	11-Mar-25	45d	
Prerequisites		120d	14-Jul-22	13-Jan-23	183d	
DP-4B-RS-1660	Depot - Carpark - CCTV Poles (4 no.) - Excavate/Pour/Cure/Install by D&C Contractor (JH)	6d	14-Jul-22	21-Jul-22	297d	
DP-4B-RS-1625	Depot - Yard - CCTV Poles (6 no.) - Excavate/Pour/Cure/Install by D&C Contractor (JH)	6d	23-Dec-22	13-Jan-23	183d	
D&C Contractor (JH)		5d	16-Jan-23	20-Jan-23	178d	
Stabling Yard		5d	16-Jan-23	20-Jan-23	178d	
DP-4B-RS-1580	Depot - Yard - Manual Points Machine Case - Installation by D&C Contractor (JH)	5d	16-Jan-23	20-Jan-23	178d	
Bombardier - Separable Portion A		634d	01-Aug-22	11-Mar-25	45d	
Stabling Yard		118d	01-Aug-22	30-Jan-23	556d	
DP-4B-RS-1560	Bombardier - Supply of Manual Points Machine	0d	01-Aug-22		243d	
DP-4B-RS-1540	Depot - Yard - Wayside Cabinet - Supply, Install, Cabling & Terminate by BT	5d	16-Jan-23	20-Jan-23	183d	
DP-4B-RS-1600	Depot - Yard - BT CCTV - Supply, Install, Cabling & Terminate by BT	5d	16-Jan-23	20-Jan-23	561d	
DP-4B-RS-1680	Depot - Yard - Manual Points Machine - Installation of Manual Points Machine & Rodding by BT	5d	23-Jan-23	30-Jan-23	178d	
Car Park		2d	16-Jan-23	17-Jan-23	531d	
DP-4B-RS-1605	Depot - Carpark - BT CCTV - Supply, Install, Cabling & Terminate by BT	2d	16-Jan-23	17-Jan-23	531d	
OCC		5d	16-Jan-23	20-Jan-23	561d	
DP-4B-RS-1665	Depot - OCC - Digital CCTV Recorders - CCTV integration with existing CCTV servers by BT	5d	16-Jan-23	20-Jan-23	561d	
DP-4B-RS-1685	Depot - WiFI Upgrade for New Stabling Roads	5d	16-Jan-23	20-Jan-23	183d	
SAT		521d	23-Jan-23	11-Mar-25	45d	
DP-4B-RS-1700	Depot - WiFi - SAT by BT	5d	23-Jan-23	30-Jan-23	183d	
DP-4B-RS-1780	Depot - Yard - Manual Points Machine - SAT by BT	5d	31-Jan-23	06-Feb-23	178d	
DP-4B-RS-1860	Depot - Carpark & Yard - BT CCTV - SAT by BT	5d	04-Mar-25	11-Mar-25	45d	
Commissioning		29d	13-Dec-22	06-Feb-23	178d	
DP-4B-RS-3430	BT - Depot - T-Visor Platform Patch / Configuration (CCTV and WiFi)	2d	13-Dec-22	14-Dec-22	183d	
DP-4B-RS-3340	BT - Separable Portion A - Installation Commissioning	18d	11-Jan-23	06-Feb-23	178d	
Building Works		81d	24-May-22	14-Sep-22	269d	
DP-4B-BW-1000	Building Works - Depot - Administration Area - Modifications	30d	24-May-22	04-Jul-22	280d	
DP-4B-BW-1020	Building Works - Depot - Administration Area - Fitout New Offices	40d	20-Jul-22	14-Sep-22	269d	
DP-4B-BW-1040	Building Works - Depot - Administration Area - Ready for Commissioning	0d		14-Sep-22	269d	
Fire System		30d	02-Dec-22	27-Jan-23	186d	
DP-4B-FS-1000	Depot - Fire System Install	20d	02-Dec-22	12-Jan-23	186d	
DP-4B-FS-1020	Depot - Fire System SAT	10d	13-Jan-23	27-Jan-23	186d	
Commissioning		30d	11-Jan-23	09-Feb-23	257d	
DP-4B-CW-7440	Possession Works - Depot - OHW - Install Isolation	3d	11-Jan-23	13-Jan-23	281d	
DP-4B-CW-5320	Possession Works - Depot - Track - Connection to Existing through "A" Turnout	3d	14-Jan-23	16-Jan-23	281d	



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
OLE Possession Works		3d	07-Feb-23	09-Feb-23	257d
Prior to Extended Engineering Hours		3d	07-Feb-23	09-Feb-23	257d
DP-4B-CW-7420	Shift 1 - OHL Wiring Crew sign in and Safety Brief by PO under localised possession. Crew on Standby with wire tr	1d	07-Feb-23	07-Feb-23	257d
DP-4B-CW-7620	Shift 2 - OHL Wiring Crew sign in OHL Crew back off and QA super tensioned equipment.Crew on Standby for sig	1d	08-Feb-23	08-Feb-23	257d
DP-4B-CW-7640	Shift 3 - OHL Wiring Crew sign in	1d	09-Feb-23	09-Feb-23	257d
Extended Engineering Hours		3d	07-Feb-23	09-Feb-23	257d
DP-4B-CW-2040	Shift 1 - Issue Isolation Permit and Safety Brief by PO, Commence Final Section of Interconnection Wire Run	0d	07-Feb-23		257d
DP-4B-CW-7480	Shift 1 - Wire run to specified termination anchor and super tensioned	1d	07-Feb-23	07-Feb-23	257d
DP-4B-CW-7500	Shift 1 - Permanently Earth Wire to Rail or at newly installed section insulator (if required)	1d	07-Feb-23	07-Feb-23	257d
DP-4B-CW-7520	Shift 1 - Wires clipped and made mechanically safe, Return machines to new depot side, Sign off all electrical perm	1d	07-Feb-23	07-Feb-23	257d
DP-4B-CW-7540	Shift 2 - Issued Isolation Permit and Safety Brief by PO	0d	08-Feb-23		258d
DP-4B-CW-7560	Shift 2 - OHL to be clipped into final design position from overlap and turnout intersection. Ensure pentograph secu	1d	08-Feb-23	08-Feb-23	257d
DP-4B-CW-7580	Shift 2 - Final Pantograph inspection for entire tension length with consortium partners	1d	08-Feb-23	08-Feb-23	257d
DP-4B-CW-7600	Shift 2 - Return machines to new depot side, Sign off all electrical permits	1d	08-Feb-23	08-Feb-23	257d
DP-4B-CW-7660	Shift 3 - Issued Isolation Permit and Safety Brief by PO	0d	09-Feb-23		258d
DP-4B-CW-7740	Shift 3 - Wait for control to be given to nominated commissioning engineer	0d	09-Feb-23		257d
DP-4B-CW-7680	Shift 3 - Connect the electrical feeding and continuity jumpers to connecting the new and existing overhead line	1d	09-Feb-23	09-Feb-23	257d
DP-4B-CW-7700	Shift 3 - Remove permanent earths from the newly constructed wires	1d	09-Feb-23	09-Feb-23	257d
DP-4B-CW-7720	Shift 3 - Create Exclusion Zones for commissioning. Return Permits and giveup Isolation	1d	09-Feb-23	09-Feb-23	257d
DP-4B-CW-7760	Shift 3 - Conduct Continuity Test & Section Proving Checks with O&M Electrical Control Rm Operator & Commissio	1d	09-Feb-23	09-Feb-23	257d
Return Works		199d	24-Aug-22	22-Jun-23	664d
Car Park		22d	24-Aug-22	26-Sep-22	840d
DP-4A-SA-RW-1000	Returned Works - Car Park Works Complete by D&C Contractor (JH)	0d		24-Aug-22	840d
DP-4A-SA-RW-1020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlinQ3)	1d	25-Aug-22	25-Aug-22	843d
DP-4A-SA-RW-1060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to OF3	5d	25-Aug-22	01-Sep-22	840d
DP-4A-SA-RW-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	29-Aug-22	29-Aug-22	843d
DP-4A-SA-RW-1180	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	29-Aug-22	29-Aug-22	843d
DP-4A-SA-RW-1160	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	30-Aug-22		860d
DP-4A-SA-RW-1080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	02-Sep-22	02-Sep-22	840d
DP-4A-SA-RW-1100	Returned Works - IV & State - Review	15d	05-Sep-22	23-Sep-22	840d
DP-4A-SA-RW-1120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	20-Sep-22	20-Sep-22	843d
DP-4A-SA-RW-1200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	26-Sep-22	26-Sep-22	840d
DP-4A-SA-RW-1140	Returned Works - Facility / Area Completed	0d		26-Sep-22	840d
Stabling Yard		22d	23-May-23	22-Jun-23	664d
DP-4B-SA-RW-1000	Returned Works - Stabling Yard Works Complete by D&C Contractor (JH)	0d		23-May-23	664d
DP-4B-SA-RW-1020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlinQ3)	1d	23-May-23	24-May-23	667d
DP-4B-SA-RW-1060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to OF3	5d	23-May-23	30-May-23	664d
DP-4B-SA-RW-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	24-May-23	25-May-23	667d
DP-4B-SA-RW-1180	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	24-May-23	25-May-23	667d
DP-4B-SA-RW-1160	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	25-May-23		684d
DP-4B-SA-RW-1080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	30-May-23	31-May-23	664d
DP-4B-SA-RW-1100	Returned Works - IV & State - Review	15d	31-May-23	21-Jun-23	664d
DP-4B-SA-RW-1120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	15-Jun-23	16-Jun-23	667d
DP-4B-SA-RW-1200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	21-Jun-23	22-Jun-23	664d
DP-4B-SA-RW-1140	Returned Works - Facility / Area Completed	0d		22-Jun-23	664d
Rail Grinding		18d	28-Jun-24	26-Jul-24	79d
DP-CW-RS-1000	Rail Grinding to Profile	18d	28-Jun-24	26-Jul-24	79d
Rail Systems Core Scope		270d	02-Feb-24	11-Mar-25	45d
Signalling		162d	02-Feb-24	24-Sep-24	21d
Signalling/ITS Wayside Equipment		162d	02-Feb-24	24-Sep-24	21d
Broadbeach South Station to Mermaid Beach Station		40d	02-Feb-24	02-Apr-24	122d
CW-N-SIG-1000	Broadbeach South Station to Mermaid Beach Station - Install Wayside Equipment	40d	02-Feb-24	02-Apr-24	122d
CW-N-SIG-1002	Broadbeach South Station to Mermaid Beach Station - Loop - Cable, Terminate Loop	40d	02-Feb-24	02-Apr-24	122d
CW-N-SIG-1006	Broadbeach South Station to Mermaid Beach Station - Power Points Indicators (3no) - Rodding, Cable, Terminate	40d	02-Feb-24	02-Apr-24	122d
CW-N-SIG-1008	Broadbeach South Station to Mermaid Beach Station - Powered Track Circuits - Cable, Terminate	40d	02-Feb-24	02-Apr-24	122d
CW-N-SIG-1004	Broadbeach South Station to Mermaid Beach Station - Points Machine Case (3no) - Install Rodding	40d	02-Feb-24	02-Apr-24	122d
CW-N-SIG-1012	Broadbeach South Station to Mermaid Beach Station - CCTV - Install with booster, Cable, Terminate (Booster-if re	40d	02-Feb-24	02-Apr-24	122d
Mermaid Beach Station to Mermaid Beach South Station		10d	14-May-24	28-May-24	90d
CW-N-SIG-1020	Mermaid Beach Station to Mermaid Beach South Station - Install Wayside Equipment	10d	14-May-24	28-May-24	75d
CW-N-SIG-1022	Mermaid Beach Station to Mermaid Beach South Station - Loop - Cable, Terminate Loop	10d	14-May-24	28-May-24	90d
Mermaid Beach South to Nobby Beach Station		10d	28-May-24	11-Jun-24	90d
CW-N-SIG-1040	Mermaid Beach South to Nobby Beach Station - Install Wayside Equipment	10d	28-May-24	11-Jun-24	75d
CW-N-SIG-1042	Mermaid Beach South to Nobby Beach Station - Loop - Cable, Terminate Loop	10d	28-May-24	11-Jun-24	90d
Nobby Beach Station to Miami North Station		10d	11-Jun-24	25-Jun-24	83d
CW-N-SIG-1060	Nobby Beach Station to Miami North Station - Install Wayside Equipment	10d	11-Jun-24	25-Jun-24	60d



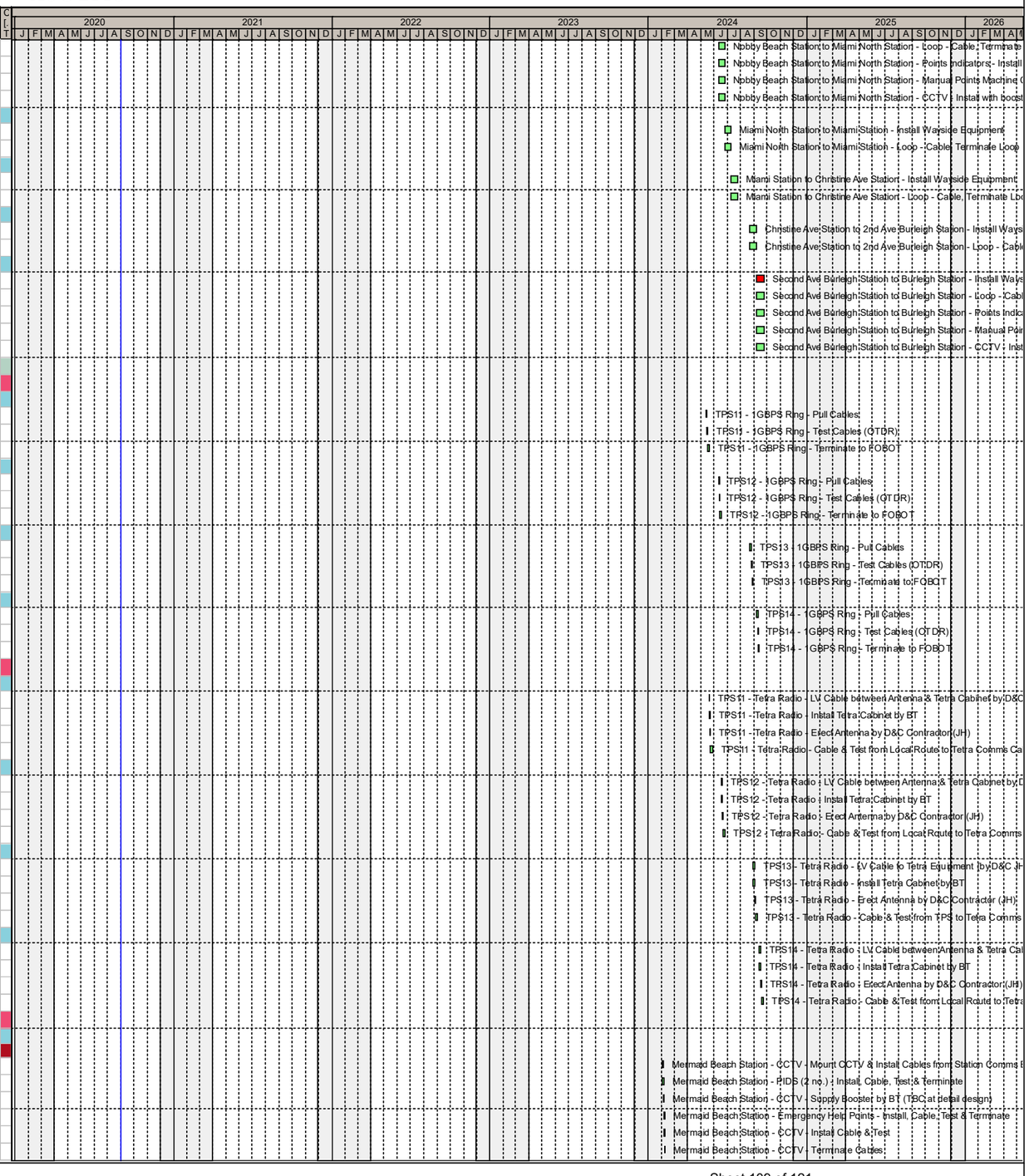
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
CW-N-SIG-1062	Nobby Beach Station to Miami North Station - Loop - Cable, Terminate Loop	10d	11-Jun-24	25-Jun-24	83d	
CW-N-SIG-1066	Nobby Beach Station to Miami North Station - Points Indicators - Install	10d	11-Jun-24	25-Jun-24	83d	
CW-N-SIG-1064	Nobby Beach Station to Miami North Station - Manual Points Machine Case - Install Rodding	10d	11-Jun-24	25-Jun-24	83d	
CW-N-SIG-1072	Nobby Beach Station to Miami North Station - CCTV - Install with booster, Cable, Terminate (Booster-if required)	10d	11-Jun-24	25-Jun-24	83d	
Miami North Station to Miami Station		10d	25-Jun-24	09-Jul-24	70d	
CW-S-SIG-1000	Miami North Station to Miami Station - Install Wayside Equipment	10d	25-Jun-24	09-Jul-24	55d	
CW-S-SIG-1002	Miami North Station to Miami Station - Loop - Cable, Terminate Loop	10d	25-Jun-24	09-Jul-24	70d	
Miami Station to Christine Ave Station		12d	09-Jul-24	25-Jul-24	53d	
CW-S-SIG-1014	Miami Station to Christine Ave Station - Install Wayside Equipment	12d	09-Jul-24	25-Jul-24	45d	
CW-S-SIG-1016	Miami Station to Christine Ave Station - Loop - Cable, Terminate Loop	12d	09-Jul-24	25-Jul-24	53d	
Christine Ave Station to 2nd Ave Burleigh Station		10d	22-Aug-24	06-Sep-24	28d	
CW-S-SIG-1028	Christine Ave Station to 2nd Ave Burleigh Station - Install Wayside Equipment	10d	22-Aug-24	06-Sep-24	17d	
CW-S-SIG-1030	Christine Ave Station to 2nd Ave Burleigh Station - Loop - Cable, Terminate Loop	10d	22-Aug-24	06-Sep-24	28d	
2nd Ave Burleigh Station to Burleigh Station		12d	06-Sep-24	24-Sep-24	21d	
CW-S-SIG-1042	Second Ave Burleigh Station to Burleigh Station - Install Wayside Equipment	12d	06-Sep-24	24-Sep-24	3d	
CW-S-SIG-1044	Second Ave Burleigh Station to Burleigh Station - Loop - Cable, Terminate Loop	12d	06-Sep-24	24-Sep-24	21d	
CW-S-SIG-1048	Second Ave Burleigh Station to Burleigh Station - Points Indicators - Rodding, Cable, Terminate	12d	06-Sep-24	24-Sep-24	21d	
CW-S-SIG-1046	Second Ave Burleigh Station to Burleigh Station - Manual Points Machine Case - Install Rodding	12d	06-Sep-24	24-Sep-24	21d	
CW-S-SIG-1054	Second Ave Burleigh Station to Burleigh Station - CCTV - Install with booster, Cable, Terminate (Booster-if requirec	12d	06-Sep-24	24-Sep-24	21d	
Communications		170d	02-Feb-24	04-Oct-24	8d	
TPS		87d	14-May-24	13-Sep-24	12d	
Mermaid Beach Station to Mermaid Beach South Station		5d	14-May-24	21-May-24	79d	
CW-1E-TPS11-1000	TPS11 - 1GBPS Ring - Pull Cables	2d	14-May-24	16-May-24	79d	
CW-1E-TPS11-1020	TPS11 - 1GBPS Ring - Test Cables (OTDR)	1d	16-May-24	17-May-24	79d	
CW-1E-TPS11-1040	TPS11 - 1GBPS Ring - Terminate to FOBOT	2d	17-May-24	21-May-24	79d	
Nobby Beach Station to Miami North Station		5d	11-Jun-24	18-Jun-24	64d	
CW-1K-TPS12-1000	TPS12 - 1GBPS Ring - Pull Cables	2d	11-Jun-24	13-Jun-24	64d	
CW-1K-TPS12-1020	TPS12 - 1GBPS Ring - Test Cables (OTDR)	1d	13-Jun-24	14-Jun-24	64d	
CW-1K-TPS12-1040	TPS12 - 1GBPS Ring - Terminate to FOBOT	2d	14-Jun-24	18-Jun-24	64d	
Christine Ave Station to 2nd Ave Burleigh Station		5d	22-Aug-24	29-Aug-24	17d	
CW-2B-TPS13-1000	TPS13 - 1GBPS Ring - Pull Cables	2d	22-Aug-24	26-Aug-24	17d	
CW-2B-TPS13-1020	TPS13 - 1GBPS Ring - Test Cables (OTDR)	1d	26-Aug-24	27-Aug-24	17d	
CW-2B-TPS13-1040	TPS13 - 1GBPS Ring - Terminate to FOBOT	2d	27-Aug-24	29-Aug-24	17d	
2nd Ave Burleigh Station to Burleigh Station		5d	06-Sep-24	13-Sep-24	12d	
CW-2I-TPS14-1000	TPS14 - 1GBPS Ring - Pull Cables	2d	06-Sep-24	10-Sep-24	12d	
CW-2I-TPS14-1020	TPS14 - 1GBPS Ring - Test Cables (OTDR)	1d	10-Sep-24	11-Sep-24	12d	
CW-2I-TPS14-1040	TPS14 - 1GBPS Ring - Terminate to FOBOT	2d	11-Sep-24	13-Sep-24	12d	
Radio Base Stations		88d	21-May-24	23-Sep-24	12d	
Mermaid Beach Station to Mermaid Beach South Station		6d	21-May-24	29-May-24	79d	
CW-1E-TPS11-1100	TPS11 - Tetra Radio - LV Cable between Antenna & Tetra Cabinet by D&C Contractor (JH)	1d	21-May-24	22-May-24	81d	
CW-1E-TPS11-1080	TPS11 - Tetra Radio - Install Tetra Cabinet by BT	2d	21-May-24	23-May-24	79d	
CW-1E-TPS11-1120	TPS11 - Tetra Radio - Erect Antenna by D&C Contractor (JH)	1d	23-May-24	24-May-24	79d	
CW-1E-TPS11-1140	TPS11 - Tetra Radio - Cable & Test from Local Route to Tetra Comms Cabinet by BT	3d	24-May-24	29-May-24	79d	
Nobby Beach Station to Miami North Station		6d	18-Jun-24	26-Jun-24	64d	
CW-1K-TPS12-1100	TPS12 - Tetra Radio - LV Cable between Antenna & Tetra Cabinet by D&C Contractor (JH)	1d	18-Jun-24	19-Jun-24	66d	
CW-1K-TPS12-1080	TPS12 - Tetra Radio - Install Tetra Cabinet by BT	2d	18-Jun-24	20-Jun-24	64d	
CW-1K-TPS12-1120	TPS12 - Tetra Radio - Erect Antenna by D&C Contractor (JH)	1d	20-Jun-24	21-Jun-24	64d	
CW-1K-TPS12-1140	TPS12 - Tetra Radio - Cable & Test from Local Route to Tetra Comms Cabinet by BT	3d	21-Jun-24	26-Jun-24	64d	
Christine Ave Station to 2nd Ave Burleigh Station		6d	29-Aug-24	09-Sep-24	17d	
CW-2B-TPS13-1100	TPS13 - Tetra Radio - LV Cable to Tetra Equipment (by D&C JH)	1d	29-Aug-24	02-Sep-24	19d	
CW-2B-TPS13-1080	TPS13 - Tetra Radio - Install Tetra Cabinet by BT	2d	29-Aug-24	03-Sep-24	17d	
CW-2B-TPS13-1120	TPS13 - Tetra Radio - Erect Antenna by D&C Contractor (JH)	1d	03-Sep-24	04-Sep-24	17d	
CW-2B-TPS13-1140	TPS13 - Tetra Radio - Cable & Test from TPS to Tetra Comms Cabinet by BT	3d	04-Sep-24	09-Sep-24	17d	
2nd Ave Burleigh Station to Burleigh Station		6d	13-Sep-24	23-Sep-24	12d	
CW-2I-TPS14-1100	TPS14 - Tetra Radio - LV Cable between Antenna & Tetra Cabinet by D&C Contractor (JH)	1d	13-Sep-24	16-Sep-24	14d	
CW-2I-TPS14-1080	TPS14 - Tetra Radio - Install Tetra Cabinet by BT	2d	13-Sep-24	17-Sep-24	12d	
CW-2I-TPS14-1120	TPS14 - Tetra Radio - Erect Antenna by D&C Contractor (JH)	1d	17-Sep-24	18-Sep-24	12d	
CW-2I-TPS14-1140	TPS14 - Tetra Radio - Cable & Test from Local Route to Tetra Comms Cabinet by BT	3d	18-Sep-24	23-Sep-24	12d	
Station Equipment		170d	02-Feb-24	04-Oct-24	3d	
North		103d	02-Feb-24	02-Jul-24	65d	
Broadbeach South Station to Mermaid Beach Station		15d	02-Feb-24	23-Feb-24	135d	
CW-I58-SE-1090	Mermaid Beach Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	02-Feb-24	05-Feb-24	140d	
CW-I58-SE-1000	Mermaid Beach Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	02-Feb-24	06-Feb-24	135d	
CW-I58-SE-1092	Mermaid Beach Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	05-Feb-24	06-Feb-24	140d	
CW-I58-SE-1020	Mermaid Beach Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	06-Feb-24	08-Feb-24	135d	
CW-I58-SE-1094	Mermaid Beach Station - CCTV - Install Cable & Test	2d	06-Feb-24	08-Feb-24	140d	
CW-I58-SE-1096	Mermaid Beach Station - CCTV - Terminate Cables	1d	08-Feb-24	09-Feb-24	140d	



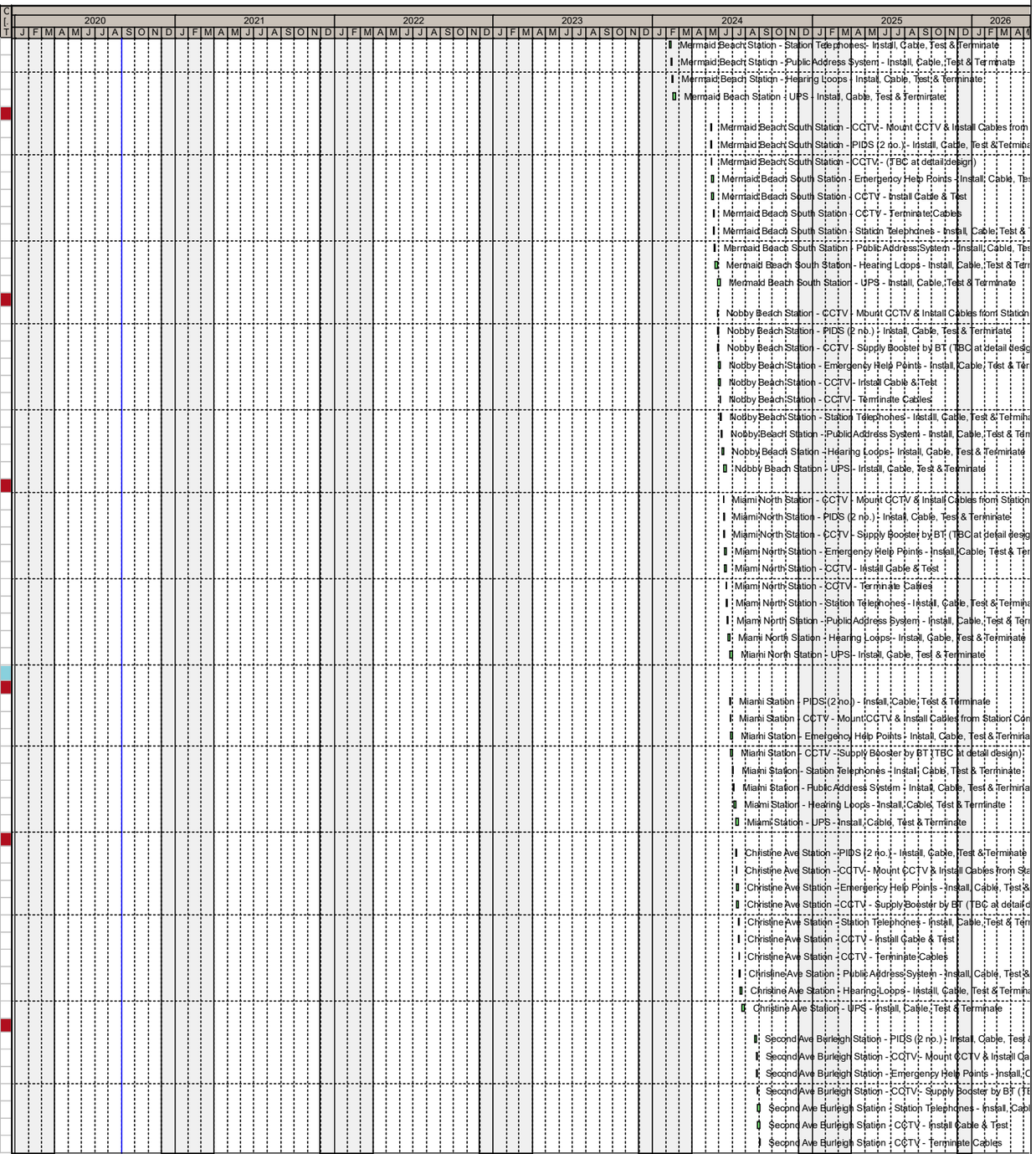
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T]
CW-I58-SE-1040	Mermaid Beach Station - Station Telephones - Install, Cable, Test & Terminate	2d	08-Feb-24	12-Feb-24	135d	
CW-I58-SE-1060	Mermaid Beach Station - Public Address System - Install, Cable, Test & Terminate	2d	12-Feb-24	14-Feb-24	135d	
CW-I58-SE-1080	Mermaid Beach Station - Hearing Loops - Install, Cable, Test & Terminate	2d	14-Feb-24	16-Feb-24	135d	
CW-I58-SE-1100	Mermaid Beach Station - UPS - Install, Cable, Test & Terminate	5d	16-Feb-24	23-Feb-24	135d	
Mermaid Beach Station to Mermaid Beach South Station		15d	14-May-24	04-Jun-24	75d	
CW-1F-SE-1090	Mermaid Beach South Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	14-May-24	15-May-24	76d	
CW-1F-SE-1000	Mermaid Beach South Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	14-May-24	16-May-24	75d	
CW-1F-SE-1092	Mermaid Beach South Station - CCTV - (TBC at detail design)	1d	15-May-24	16-May-24	76d	
CW-1F-SE-1020	Mermaid Beach South Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	16-May-24	20-May-24	75d	
CW-1F-SE-1094	Mermaid Beach South Station - CCTV - Install Cable & Test	2d	16-May-24	20-May-24	76d	
CW-1F-SE-1096	Mermaid Beach South Station - CCTV - Terminate Cables	1d	20-May-24	21-May-24	76d	
CW-1F-SE-1040	Mermaid Beach South Station - Station Telephones - Install, Cable, Test & Terminate	2d	20-May-24	22-May-24	75d	
CW-1F-SE-1060	Mermaid Beach South Station - Public Address System - Install, Cable, Test & Terminate	2d	22-May-24	24-May-24	75d	
CW-1F-SE-1080	Mermaid Beach South Station - Hearing Loops - Install, Cable, Test & Terminate	2d	24-May-24	28-May-24	75d	
CW-1F-SE-1120	Mermaid Beach South Station - UPS - Install, Cable, Test & Terminate	5d	28-May-24	04-Jun-24	75d	
Mermaid Beach South to Nobby Beach Station		15d	28-May-24	18-Jun-24	75d	
CW-1H-SE-1090	Nobby Beach Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	28-May-24	29-May-24	80d	
CW-1H-SE-1000	Nobby Beach Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	28-May-24	30-May-24	75d	
CW-1H-SE-1092	Nobby Beach Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	29-May-24	30-May-24	80d	
CW-1H-SE-1020	Nobby Beach Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	30-May-24	03-Jun-24	75d	
CW-1H-SE-1094	Nobby Beach Station - CCTV - Install Cable & Test	2d	30-May-24	03-Jun-24	80d	
CW-1H-SE-1096	Nobby Beach Station - CCTV - Terminate Cables	1d	03-Jun-24	04-Jun-24	80d	
CW-1H-SE-1040	Nobby Beach Station - Station Telephones - Install, Cable, Test & Terminate	2d	03-Jun-24	05-Jun-24	75d	
CW-1H-SE-1060	Nobby Beach Station - Public Address System - Install, Cable, Test & Terminate	2d	05-Jun-24	07-Jun-24	75d	
CW-1H-SE-1080	Nobby Beach Station - Hearing Loops - Install, Cable, Test & Terminate	2d	07-Jun-24	11-Jun-24	75d	
CW-1F-SE-1140	Nobby Beach Station - UPS - Install, Cable, Test & Terminate	5d	11-Jun-24	18-Jun-24	75d	
Nobby Beach Station to Miami North Station		15d	11-Jun-24	02-Jul-24	60d	
CW-1K-SE-1090	Miami North Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	11-Jun-24	12-Jun-24	65d	
CW-1K-SE-1000	Miami North Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	11-Jun-24	13-Jun-24	60d	
CW-1K-SE-1092	Miami North Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	12-Jun-24	13-Jun-24	65d	
CW-1K-SE-1020	Miami North Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	13-Jun-24	17-Jun-24	60d	
CW-1K-SE-1094	Miami North Station - CCTV - Install Cable & Test	2d	13-Jun-24	17-Jun-24	65d	
CW-1K-SE-1096	Miami North Station - CCTV - Terminate Cables	1d	17-Jun-24	18-Jun-24	65d	
CW-1K-SE-1040	Miami North Station - Station Telephones - Install, Cable, Test & Terminate	2d	17-Jun-24	19-Jun-24	60d	
CW-1K-SE-1060	Miami North Station - Public Address System - Install, Cable, Test & Terminate	2d	19-Jun-24	21-Jun-24	60d	
CW-1K-SE-1080	Miami North Station - Hearing Loops - Install, Cable, Test & Terminate	2d	21-Jun-24	25-Jun-24	60d	
CW-1K-SE-1160	Miami North Station - UPS - Install, Cable, Test & Terminate	5d	25-Jun-24	02-Jul-24	60d	
South		72d	25-Jun-24	04-Oct-24	3d	
Miami North Station to Miami Station		15d	25-Jun-24	16-Jul-24	55d	
CW-2A-SE-1000	Miami Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	25-Jun-24	27-Jun-24	55d	
CW-2A-SE-1090	Miami Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	27-Jun-24	28-Jun-24	61d	
CW-2A-SE-1020	Miami Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	27-Jun-24	01-Jul-24	55d	
CW-2A-SE-1092	Miami Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	28-Jun-24	01-Jul-24	61d	
CW-2A-SE-1040	Miami Station - Station Telephones - Install, Cable, Test & Terminate	2d	01-Jul-24	03-Jul-24	55d	
CW-2A-SE-1060	Miami Station - Public Address System - Install, Cable, Test & Terminate	2d	03-Jul-24	05-Jul-24	55d	
CW-2A-SE-1080	Miami Station - Hearing Loops - Install, Cable, Test & Terminate	2d	05-Jul-24	09-Jul-24	55d	
CW-2A-SE-1116	Miami Station - UPS - Install, Cable, Test & Terminate	5d	09-Jul-24	16-Jul-24	55d	
Miami Station to Christine Ave Station		15d	09-Jul-24	30-Jul-24	45d	
CW-2B-SE-1000	Christine Ave Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	09-Jul-24	11-Jul-24	45d	
CW-2B-SE-1090	Christine Ave Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	11-Jul-24	12-Jul-24	53d	
CW-2B-SE-1020	Christine Ave Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	11-Jul-24	15-Jul-24	45d	
CW-2B-SE-1092	Christine Ave Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	12-Jul-24	15-Jul-24	53d	
CW-2B-SE-1040	Christine Ave Station - Station Telephones - Install, Cable, Test & Terminate	2d	15-Jul-24	17-Jul-24	45d	
CW-2B-SE-1094	Christine Ave Station - CCTV - Install Cable & Test	2d	15-Jul-24	17-Jul-24	53d	
CW-2B-SE-1096	Christine Ave Station - CCTV - Terminate Cables	1d	17-Jul-24	18-Jul-24	53d	
CW-2B-SE-1060	Christine Ave Station - Public Address System - Install, Cable, Test & Terminate	2d	17-Jul-24	19-Jul-24	45d	
CW-2B-SE-1080	Christine Ave Station - Hearing Loops - Install, Cable, Test & Terminate	2d	19-Jul-24	23-Jul-24	45d	
CW-2B-SE-1116	Christine Ave Station - UPS - Install, Cable, Test & Terminate	5d	23-Jul-24	30-Jul-24	45d	
Christine Ave Station to 2nd Ave Burleigh Station		15d	22-Aug-24	13-Sep-24	13d	
CW-2D-SE-1000	Second Ave Burleigh Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	22-Aug-24	26-Aug-24	13d	
CW-2D-SE-1090	Second Ave Burleigh Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	26-Aug-24	27-Aug-24	16d	
CW-2D-SE-1020	Second Ave Burleigh Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	26-Aug-24	28-Aug-24	13d	
CW-2D-SE-1092	Second Ave Burleigh Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	27-Aug-24	28-Aug-24	16d	
CW-2D-SE-1040	Second Ave Burleigh Station - Station Telephones - Install, Cable, Test & Terminate	2d	28-Aug-24	02-Sep-24	13d	
CW-2D-SE-1094	Second Ave Burleigh Station - CCTV - Install Cable & Test	2d	28-Aug-24	02-Sep-24	16d	
CW-2D-SE-1096	Second Ave Burleigh Station - CCTV - Terminate Cables	1d	02-Sep-24	03-Sep-24	16d	

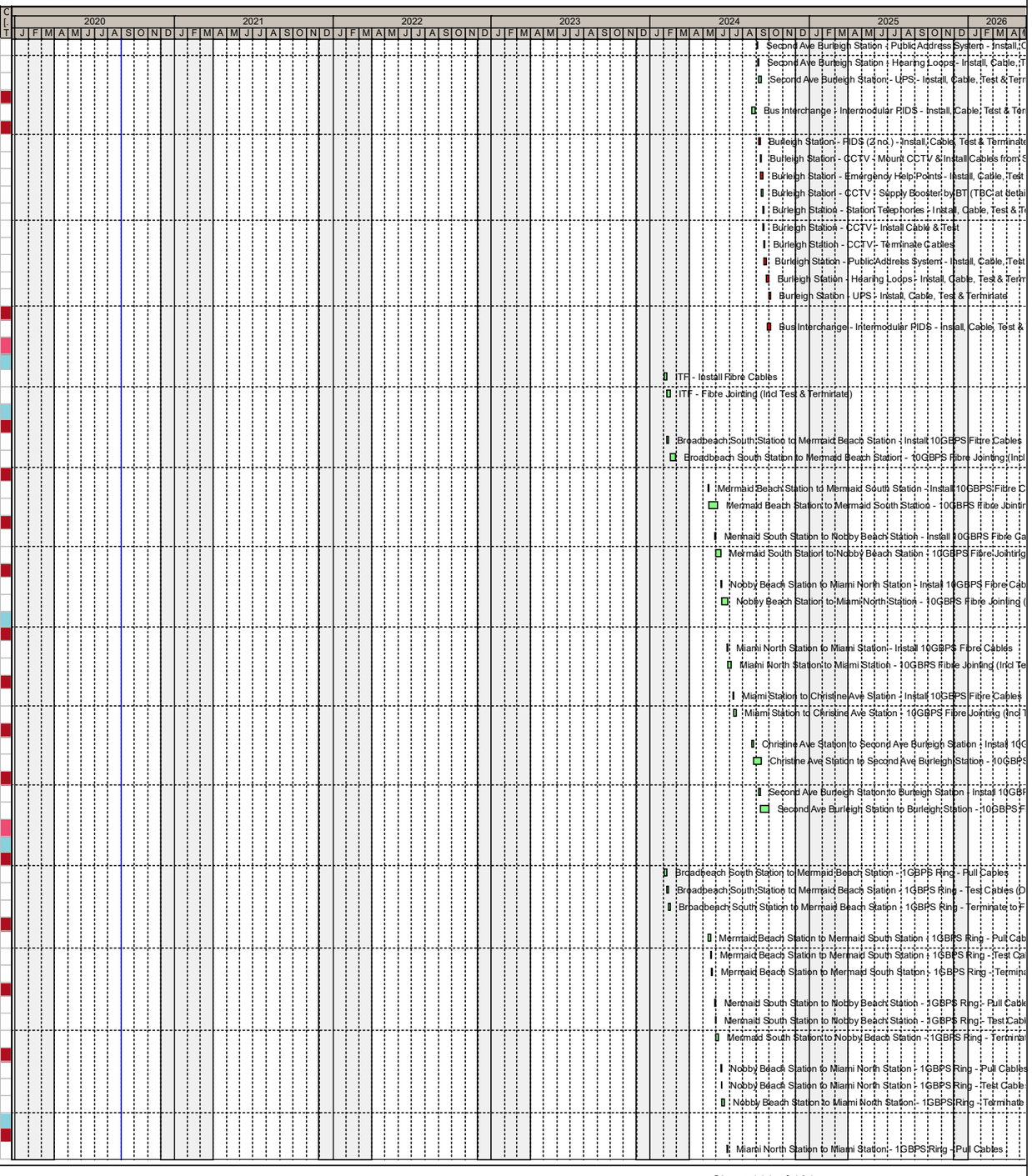


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CW-2D-SE-1060	Second Ave Burleigh Station - Public Address System - Install, Cable, Test & Terminate	2d	02-Sep-24	04-Sep-24	13d
CW-2D-SE-1080	Second Ave Burleigh Station - Hearing Loops - Install, Cable, Test & Terminate	2d	04-Sep-24	06-Sep-24	13d
CW-2D-SE-1116	Second Ave Burleigh Station - UPS - Install, Cable, Test & Terminate	5d	06-Sep-24	13-Sep-24	13d
Christine Ave Station to 2nd Ave Burleigh Station (BUS INTERCHANGE)		5d	22-Aug-24	29-Aug-24	18d
DP-2D-SE-1020	Bus Interchange - Intermodular PIDS - Install, Cable, Test & Terminate	5d	22-Aug-24	29-Aug-24	18d
2nd Ave Burleigh Station to Burleigh Station		20d	06-Sep-24	04-Oct-24	3d
CW-2I-SE-1000	Burleigh Station - PIDS (2 no.) - Install, Cable, Test & Terminate	3d	06-Sep-24	11-Sep-24	3d
CW-2I-SE-1090	Burleigh Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	11-Sep-24	12-Sep-24	9d
CW-2I-SE-1020	Burleigh Station - Emergency Help Points - Install, Cable, Test & Terminate	3d	11-Sep-24	16-Sep-24	3d
CW-2I-SE-1092	Burleigh Station - CCTV - Supply Booster by BT (TBC at detail design)	2d	12-Sep-24	16-Sep-24	9d
CW-2I-SE-1040	Burleigh Station - Station Telephones - Install, Cable, Test & Terminate	3d	16-Sep-24	19-Sep-24	3d
CW-2I-SE-1094	Burleigh Station - CCTV - Install Cable & Test	3d	16-Sep-24	19-Sep-24	9d
CW-2I-SE-1096	Burleigh Station - CCTV - Terminate Cables	1d	19-Sep-24	20-Sep-24	9d
CW-2I-SE-1060	Burleigh Station - Public Address System - Install, Cable, Test & Terminate	4d	19-Sep-24	25-Sep-24	3d
CW-2I-SE-1080	Burleigh Station - Hearing Loops - Install, Cable, Test & Terminate	3d	25-Sep-24	30-Sep-24	3d
CW-2I-SE-1116	Burleigh Station - UPS - Install, Cable, Test & Terminate	4d	30-Sep-24	04-Oct-24	3d
2nd Ave Burleigh Station to Burleigh Station (BUS INTERCHANGE)		5d	27-Sep-24	04-Oct-24	3d
DP-1A-RS-S0010	Bus Interchange - Intermodular PIDS - Install, Cable, Test & Terminate	5d	27-Sep-24	04-Oct-24	3d
Main Fibre Optic Network		166d	02-Feb-24	30-Sep-24	7d
Integrated Testing Facility		10d	02-Feb-24	16-Feb-24	132d
CW-N-COMM-1000	ITF - Install Fibre Cables	5d	02-Feb-24	09-Feb-24	132d
CW-N-COMM-1020	ITF - Fibre Jointing (Incl Test & Terminate)	5d	09-Feb-24	16-Feb-24	132d
North		95d	09-Feb-24	27-Jun-24	68d
Broadbeach South Station to Mermaid Beach Station		13d	09-Feb-24	28-Feb-24	132d
CW-N-COMM-1040	Broadbeach South Station to Mermaid Beach Station - Install 10GBPS Fibre Cables	2d	09-Feb-24	13-Feb-24	135d
CW-N-COMM-1060	Broadbeach South Station to Mermaid Beach Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	8d	16-Feb-24	28-Feb-24	132d
Mermaid Beach Station to Mermaid Beach South Station		14d	14-May-24	03-Jun-24	76d
CW-N-COMM-1080	Mermaid Beach Station to Mermaid South Station - Install 10GBPS Fibre Cables	2d	14-May-24	16-May-24	76d
CW-N-COMM-1100	Mermaid Beach Station to Mermaid South Station - 10GBPS Fibre Jointing (Test & Terminate Incl)	12d	16-May-24	03-Jun-24	76d
Mermaid Beach South to Nobby Beach Station		10d	28-May-24	11-Jun-24	80d
CW-N-COMM-1120	Mermaid South Station to Nobby Beach Station - Install 10GBPS Fibre Cables	2d	28-May-24	30-May-24	80d
CW-N-COMM-1140	Mermaid South Station to Nobby Beach Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	8d	30-May-24	11-Jun-24	80d
Nobby Beach Station to Miami North Station		12d	11-Jun-24	27-Jun-24	63d
CW-N-COMM-1160	Nobby Beach Station to Miami North Station - Install 10GBPS Fibre Cables	2d	11-Jun-24	13-Jun-24	63d
CW-N-COMM-1180	Nobby Beach Station to Miami North Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	10d	13-Jun-24	27-Jun-24	63d
South		68d	25-Jun-24	30-Sep-24	7d
Miami North Station to Miami Station		8d	25-Jun-24	05-Jul-24	62d
CW-S-COMM-1000	Miami North Station to Miami Station - Install 10GBPS Fibre Cables	2d	25-Jun-24	27-Jun-24	62d
CW-S-COMM-1020	Miami North Station to Miami Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	6d	27-Jun-24	05-Jul-24	62d
Miami Station to Christine Ave Station		6d	09-Jul-24	17-Jul-24	54d
CW-S-COMM-1040	Miami Station to Christine Ave Station - Install 10GBPS Fibre Cables	2d	09-Jul-24	11-Jul-24	54d
CW-S-COMM-1060	Miami Station to Christine Ave Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	4d	11-Jul-24	17-Jul-24	54d
Christine Ave Station to 2nd Ave Burleigh Station		14d	22-Aug-24	12-Sep-24	14d
CW-S-COMM-1080	Christine Ave Station to Second Ave Burleigh Station - Install 10GBPS Fibre Cables	2d	22-Aug-24	26-Aug-24	14d
CW-S-COMM-1100	Christine Ave Station to Second Ave Burleigh Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	12d	26-Aug-24	12-Sep-24	14d
2nd Ave Burleigh Station to Burleigh Station		16d	06-Sep-24	30-Sep-24	7d
CW-S-COMM-1120	Second Ave Burleigh Station to Burleigh Station - Install 10GBPS Fibre Cables	2d	06-Sep-24	10-Sep-24	7d
CW-S-COMM-1140	Second Ave Burleigh Station to Burleigh Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	14d	10-Sep-24	30-Sep-24	7d
Communications Wayside		158d	02-Feb-24	18-Sep-24	20d
North		94d	02-Feb-24	19-Jun-24	74d
Broadbeach South Station to Mermaid Beach Station		10d	02-Feb-24	16-Feb-24	150d
CW-N-COMM-1200	Broadbeach South Station to Mermaid Beach Station - 1GBPS Ring - Pull Cables	4d	02-Feb-24	08-Feb-24	150d
CW-N-COMM-1220	Broadbeach South Station to Mermaid Beach Station - 1GBPS Ring - Test Cables (OTDR)	2d	08-Feb-24	12-Feb-24	150d
CW-N-COMM-1240	Broadbeach South Station to Mermaid Beach Station - 1GBPS Ring - Terminate to FOBOT	4d	12-Feb-24	16-Feb-24	150d
Mermaid Beach Station to Mermaid Beach South Station		8d	14-May-24	24-May-24	82d
CW-N-COMM-1280	Mermaid Beach Station to Mermaid South Station - 1GBPS Ring - Pull Cables	4d	14-May-24	20-May-24	82d
CW-N-COMM-1300	Mermaid Beach Station to Mermaid South Station - 1GBPS Ring - Test Cables (OTDR)	1d	20-May-24	21-May-24	82d
CW-N-COMM-1320	Mermaid Beach Station to Mermaid South Station - 1GBPS Ring - Terminate to FOBOT	3d	21-May-24	24-May-24	82d
Mermaid Beach South to Nobby Beach Station		6d	28-May-24	05-Jun-24	84d
CW-N-COMM-1360	Mermaid South Station to Nobby Beach Station - 1GBPS Ring - Pull Cables	2d	28-May-24	30-May-24	84d
CW-N-COMM-1380	Mermaid South Station to Nobby Beach Station - 1GBPS Ring - Test Cables (OTDR)	1d	30-May-24	31-May-24	84d
CW-N-COMM-1400	Mermaid South Station to Nobby Beach Station - 1GBPS Ring - Terminate to FOBOT	3d	31-May-24	05-Jun-24	84d
Nobby Beach Station to Miami North Station		6d	11-Jun-24	19-Jun-24	69d
CW-N-COMM-1440	Nobby Beach Station to Miami North Station - 1GBPS Ring - Pull Cables	2d	11-Jun-24	13-Jun-24	69d
CW-N-COMM-1460	Nobby Beach Station to Miami North Station - 1GBPS Ring - Test Cables (OTDR)	1d	13-Jun-24	14-Jun-24	69d
CW-N-COMM-1480	Nobby Beach Station to Miami North Station - 1GBPS Ring - Terminate to FOBOT	3d	14-Jun-24	19-Jun-24	69d
South		60d	25-Jun-24	18-Sep-24	20d
Miami North Station to Miami Station		6d	25-Jun-24	03-Jul-24	64d
CW-S-COMM-1500	Miami North Station to Miami Station - 1GBPS Ring - Pull Cables ,	2d	25-Jun-24	27-Jun-24	64d



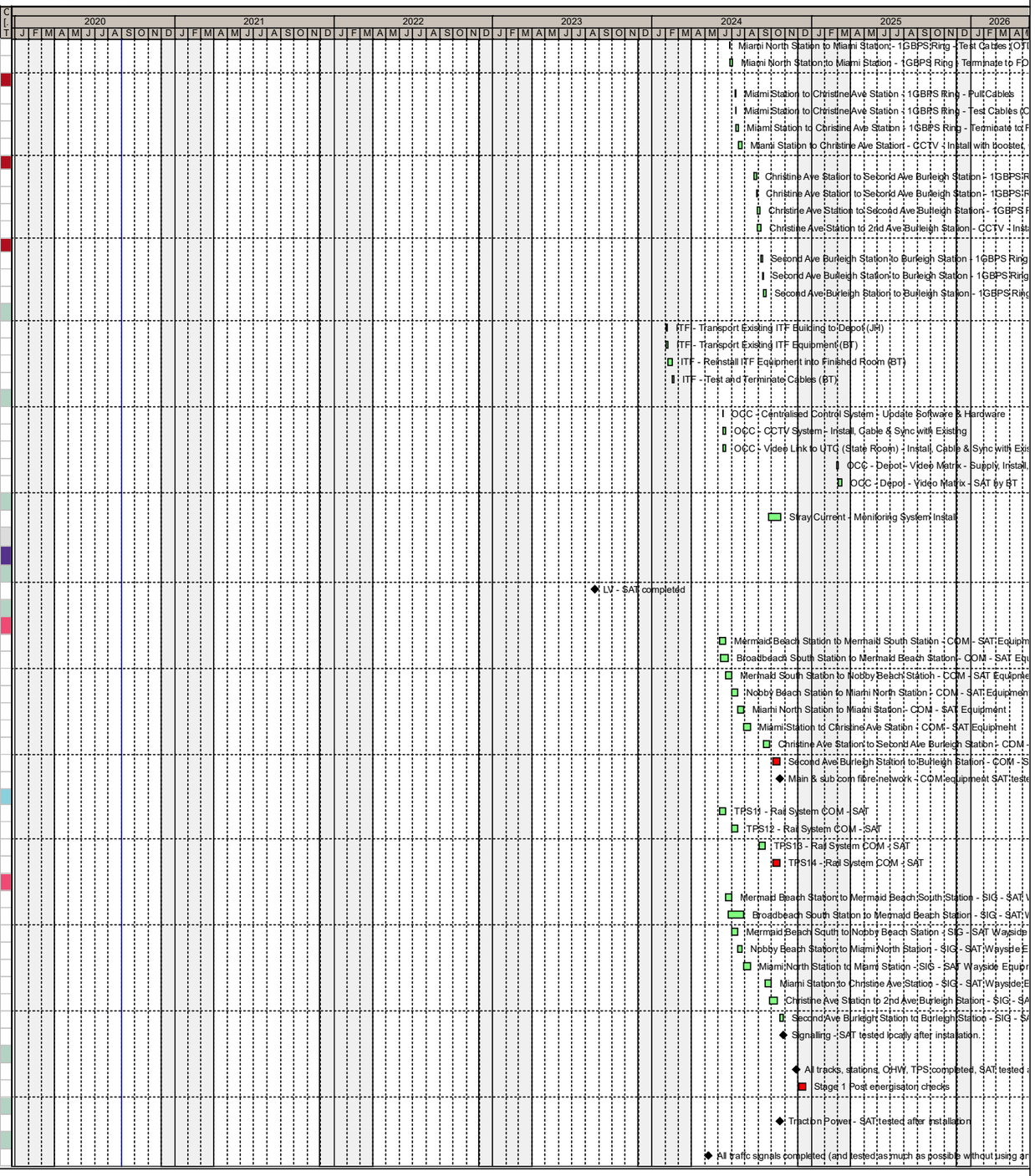
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
CW-S-COMM-1520	Miami North Station to Miami Station - 1GBPS Ring - Test Cables (OTDR)	1d	27-Jun-24	28-Jun-24	64d	
CW-S-COMM-1540	Miami North Station to Miami Station - 1GBPS Ring - Terminate to FOBOT	3d	28-Jun-24	03-Jul-24	64d	
Miami Station to Christine Ave Station		12d	09-Jul-24	25-Jul-24	53d	
CW-S-COMM-1560	Miami Station to Christine Ave Station - 1GBPS Ring - Pull Cables	2d	09-Jul-24	11-Jul-24	54d	
CW-S-COMM-1580	Miami Station to Christine Ave Station - 1GBPS Ring - Test Cables (OTDR)	1d	11-Jul-24	12-Jul-24	54d	
CW-S-COMM-1600	Miami Station to Christine Ave Station - 1GBPS Ring - Terminate to FOBOT	3d	12-Jul-24	17-Jul-24	54d	
CW-S-SIG-1026	Miami Station to Christine Ave Station - CCTV - Install with booster, Cable, Terminate (Booster-if required)	5d	18-Jul-24	25-Jul-24	53d	
Christine Ave Station to 2nd Ave Burleigh Station		10d	22-Aug-24	06-Sep-24	28d	
CW-S-COMM-1620	Christine Ave Station to Second Ave Burleigh Station - 1GBPS Ring - Pull Cables	4d	22-Aug-24	28-Aug-24	18d	
CW-S-COMM-1640	Christine Ave Station to Second Ave Burleigh Station - 1GBPS Ring - Test Cables (OTDR)	1d	28-Aug-24	29-Aug-24	18d	
CW-S-COMM-1660	Christine Ave Station to Second Ave Burleigh Station - 1GBPS Ring - Terminate to FOBOT	3d	29-Aug-24	04-Sep-24	18d	
CW-S-SIG-1040	Christine Ave Station to 2nd Ave Burleigh Station - CCTV - Install with booster, Cable, Terminate (Booster-if require	5d	29-Aug-24	06-Sep-24	28d	
2nd Ave Burleigh Station to Burleigh Station		8d	06-Sep-24	18-Sep-24	15d	
CW-S-COMM-1680	Second Ave Burleigh Station to Burleigh Station - 1GBPS Ring - Pull Cables	3d	06-Sep-24	11-Sep-24	15d	
CW-S-COMM-1700	Second Ave Burleigh Station to Burleigh Station - 1GBPS Ring - Test Cables (OTDR)	1d	11-Sep-24	12-Sep-24	15d	
CW-S-COMM-1720	Second Ave Burleigh Station to Burleigh Station - 1GBPS Ring - Terminate to FOBOT	4d	12-Sep-24	18-Sep-24	15d	
Integrated Testing Facility		12d	02-Feb-24	20-Feb-24	153d	
CW-ITF-1060	ITF - Transport Existing ITF Building to Depot (JH)	1d	02-Feb-24	05-Feb-24	164d	
CW-ITF-1000	ITF - Transport Existing ITF Equipment (BT)	3d	02-Feb-24	07-Feb-24	138d	
CW-ITF-1020	ITF - Reinstall ITF Equipment into Finished Room (BT)	7d	07-Feb-24	16-Feb-24	138d	
CW-ITF-1040	ITF - Test and Terminate Cables (BT)	2d	16-Feb-24	20-Feb-24	138d	
OCC		182d	11-Jun-24	11-Mar-25	45d	
CW-OCC-0900	OCC - Centralised Control System - Update Software & Hardware	1d	11-Jun-24	12-Jun-24	81d	
CW-OCC-1000	OCC - CCTV System - Install, Cable & Sync with Existing	5d	11-Jun-24	18-Jun-24	77d	
CW-OCC-1020	OCC - Video Link to UTC (State Room) - Install, Cable & Sync with Exisitng	5d	11-Jun-24	18-Jun-24	77d	
DP-4B-RS-1645	OCC - Depot - Video Matrix - Supply, Install, Cabling & Terminate by BT	3d	27-Feb-25	04-Mar-25	14d	
DP-4B-RS-1820	OCC - Depot - Video Matrix - SAT by BT	5d	04-Mar-25	11-Mar-25	45d	
Stray Current Study		20d	24-Sep-24	23-Oct-24	44d	
CW-RS-1060	Stray Current - Monitoring System Install	20d	24-Sep-24	23-Oct-24	44d	
COMMISSIONING		418d	23-Aug-23	16-May-25	0d	
Site Acceptance Tests (SAT)		326d	23-Aug-23	18-Dec-24	35d	
LV (Low Voltage)		0d	23-Aug-23	23-Aug-23	51d	
CM-CS-4240	LV - SAT completed	0d		23-Aug-23	51d	
Wayside SIGs and Comms		102d	04-Jun-24	28-Oct-24	3d	
Communications		97d	04-Jun-24	21-Oct-24	8d	
CM-N-COMM-1520	Mermaid Beach Station to Mermaid South Station - COM - SAT Equipment	10d	04-Jun-24	18-Jun-24	75d	
CM-N-COMM-1500	Broadbeach South Station to Mermaid Beach Station - COM - SAT Equipment	12d	06-Jun-24	24-Jun-24	65d	
CM-N-COMM-1540	Mermaid South Station to Nobby Beach Station - COM - SAT Equipment	10d	18-Jun-24	02-Jul-24	75d	
CM-N-COMM-1560	Nobby Beach Station to Miami North Station - COM - SAT Equipment	10d	02-Jul-24	16-Jul-24	60d	
CM-S-COMM-1740	Miami North Station to Miami Station - COM - SAT Equipment	10d	16-Jul-24	30-Jul-24	55d	
CM-S-COMM-1760	Miami Station to Christine Ave Station - COM - SAT Equipment	10d	30-Jul-24	13-Aug-24	45d	
CM-S-COMM-1780	Christine Ave Station to Second Ave Burleigh Station - COM - SAT Equipment	10d	13-Sep-24	27-Sep-24	13d	
CM-S-COMM-1800	Second Ave Burleigh Station to Burleigh Station - COM - SAT Equipment	10d	04-Oct-24	21-Oct-24	3d	
CM-CS-3760	Main & sub com fibre network - COM equipment SAT tested locally after installation (BT led)	0d		21-Oct-24	7d	
HV Substations		97d	04-Jun-24	21-Oct-24	3d	
CM-N-COMM-1510	TPS11 - Rail System COM - SAT	10d	04-Jun-24	18-Jun-24	75d	
CM-N-COMM-1545	TPS12 - Rail System COM - SAT	10d	02-Jul-24	16-Jul-24	68d	
CM-S-COMM-1820	TPS13 - Rail System COM - SAT	10d	02-Sep-24	16-Sep-24	22d	
CM-S-COMM-1840	TPS14 - Rail System COM - SAT	10d	04-Oct-24	21-Oct-24	3d	
Signalling		92d	18-Jun-24	28-Oct-24	3d	
CM-N-SIG-1112	Mermaid Beach Station to Mermaid Beach South Station - SIG - SAT Wayside Equipment	10d	18-Jun-24	02-Jul-24	75d	
CM-N-SIG-1092	Broadbeach South Station to Mermaid Beach Station - SIG - SAT Wayside Equipment	26d	24-Jun-24	30-Jul-24	65d	
CM-N-SIG-1132	Mermaid Beach South to Nobby Beach Station - SIG - SAT Wayside Equipment	10d	02-Jul-24	16-Jul-24	75d	
CM-N-SIG-1152	Nobby Beach Station to Miami North Station - SIG - SAT Wayside Equipment	7d	16-Jul-24	25-Jul-24	68d	
CM-S-SIG-1074	Miami North Station to Miami Station - SIG - SAT Wayside Equipment	10d	30-Jul-24	13-Aug-24	55d	
CM-S-SIG-1094	Miami Station to Christine Ave Station - SIG - SAT Wayside Equipment	10d	16-Sep-24	30-Sep-24	22d	
CM-S-SIG-1114	Christine Ave Station to 2nd Ave Burleigh Station - SIG - SAT Wayside Equipment	10d	27-Sep-24	14-Oct-24	13d	
CM-S-SIG-1134	Second Ave Burleigh Station to Burleigh Station - SIG - SAT Wayside Equipment	5d	21-Oct-24	28-Oct-24	3d	
CM-CS-3820	Signalling - SAT tested locally after installation.	0d		28-Oct-24	3d	
Track and OHW (Overhead Wiring)		13d	26-Nov-24	18-Dec-24	0d	
CM-CS-3800	All tracks, stations, OHW, TPS completed, SAT tested and Energised	0d		26-Nov-24	3d	
CM-CS-1300	Stage 1 Post energisaton checks	10d	02-Dec-24	18-Dec-24	0d	
Traction Power		0d	21-Oct-24	21-Oct-24	64d	
CM-CS-4160	Traction Power - SAT tested after installation	0d		21-Oct-24	64d	
ITF/BOCC		115d	08-May-24	21-Oct-24	5d	
CM-CS-3840	All traffc signals completed (and tested as much as possible without using an LRV)	0d		08-May-24	102d	



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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CM-ITF-2040	ITF - SAT	5d	06-Jun-24	13-Jun-24	95d
CM-CS-3780	ITF/BOCC - Ready to SIT	0d		21-Oct-24	5d
O&M - Operations and Maintenance		40d	28-Aug-24	29-Oct-24	30d
CM-CS-4180	Operation Procedures for Test and Commissioning / Staff requirements	40d	28-Aug-24	29-Oct-24	30d
Stray Current, EMC		87d	04-Jul-24	06-Nov-24	44d
CM-CS-4200	Obtain Baseline Stray Current / EMC Data from Stage 1 & 2	0d	04-Jul-24		3d
CM-RS-1080	Stray Current - SAT Monitoring System	10d	23-Oct-24	06-Nov-24	44d
OCC (Operations Control Centre)		5d	24-Jun-24	01-Jul-24	73d
CM-OCC-1040	CCTV at OCC - SAT	5d	24-Jun-24	01-Jul-24	73d
Energisation		13d	12-Nov-24	02-Dec-24	15d
CM-CS-2000	Energisation of Overhead Wiring (Stage 3 Works)	0d		12-Nov-24	28d
CM-CS-4940	Energisation of Wire Run 1/2/3 with Stage 1 TPS6 at Broadbeach Station	0d		02-Dec-24	15d
Static Integration Tests		82d	21-Oct-24	27-Feb-25	0d
LV (Low Voltage)		10d	22-Nov-24	09-Dec-24	37d
CM-CS-4260	LV - SIT Stage 3 ITF	10d	22-Nov-24	09-Dec-24	37d
Wayside SIGs and Comms		37d	23-Oct-24	13-Dec-24	5d
CM-CS-4220	COM - Systemwide Integration Test (stage 3 ITF) (BT led)	20d	23-Oct-24	28-Nov-24	5d
CM-CS-3940	CS/SIG -System wide Integration Tests Stage 3 ITF (BT led)	20d	28-Oct-24	02-Dec-24	2d
CM-CS-4760	Documentation post Systemwide Integration Tests - PIDs, Signaling	10d	29-Nov-24	13-Dec-24	5d
Radio		10d	28-Nov-24	12-Dec-24	39d
CM-CS-4840	Documentation post SIT Radio	10d	28-Nov-24	12-Dec-24	39d
Traction Power		10d	22-Nov-24	09-Dec-24	6d
CM-CS-4340	Traction Power - SIT Stage 3 ITF (JH/BT)	10d	22-Nov-24	09-Dec-24	6d
ITF/BOCC		82d	21-Oct-24	27-Feb-25	0d
CM-CS-4380	ITF/BOCC OMCS/Tvisor - Systemwide Integration Test (stage 3 back to ITF)	20d	21-Oct-24	22-Nov-24	5d
CM-SIG-3000	Connection of Stage 1,2,3 Fibre Network (ITF)	5d	20-Feb-25	27-Feb-25	0d
OHW (Overhead Wiring)		1d	18-Dec-24	03-Jan-25	0d
CM-CS-4480	OLE - SIT Stage 3 ITF	1d	18-Dec-24	03-Jan-25	0d
CM-CS-4500	SIT Energisation Section Proving	0d		03-Jan-25	0d
Stray Current, EMC		31d	02-Dec-24	29-Jan-25	21d
CM-RS-1200	EMI/EMC Study 2 (SIT with LRV) - Plan Development	5d	02-Dec-24	09-Dec-24	21d
CM-RS-1220	EMI/EMC Study 2 (SIT with LRV) - Site Surveys	7d	09-Dec-24	18-Dec-24	21d
CM-RS-1240	EMI/EMC Study 2 (SIT with LRV) - Report Preparation	12d	18-Dec-24	17-Jan-25	21d
CM-RS-1260	EMI/EMC Study 2 (SIT with LRV) - Report Internal Review	7d	17-Jan-25	29-Jan-25	21d
CM-RS-1280	EMI/EMC Study 2 (SIT with LRV) - Issue of Report	0d		29-Jan-25	21d
Driver Training		37d	03-Jan-25	06-Mar-25	21d
CM-CS-4460	Driver Training (Initial batch of Team Leaders available for Driver Training)	7d	03-Jan-25	13-Jan-25	21d
CM-CS-4700	Driver Training (Rest of the Drivers available for Driver Training)	30d	13-Jan-25	06-Mar-25	21d
Dynamic System Integration Tests		39d	03-Jan-25	28-Feb-25	26d
Requires at least 1 LRV		37d	03-Jan-25	26-Feb-25	28d
CM-CS-3860	1 x LRV is available from KD/Client	0d	03-Jan-25		0d
Wayside SIGs and Comms		30d	03-Jan-25	22-Feb-25	26d
CM-CS-4300	Priority Testing (Using 1 LRV) - More traffc signal/pedestrian crossing testing (as required - for example, priorities)	13d	03-Jan-25	23-Jan-25	43d
CM-CS-4880	COM - SIT Equipment (with LRV)	30d	03-Jan-25	22-Feb-25	3d
CM-CS-4900	SIG - SIT Equipment (with LRV)	30d	03-Jan-25	22-Feb-25	0d
Track and OHW (Overhead Wiring)		37d	03-Jan-25	26-Feb-25	28d
CM-CS-4720	Network - Dynamic Kinetic Envelope & Structural Gauge	0d		03-Jan-25	33d
CM-CS-4520	Track and OLE - SIT with LRV	25d	03-Jan-25	12-Feb-25	6d
CM-CS-4780	Documentation post Track and OHW SIT	10d	12-Feb-25	26-Feb-25	28d
Stray Current, EMC, Noise and Vibration & Ride		37d	03-Jan-25	26-Feb-25	28d
CM-CS-4600	Stray Current, EMC, Noise and Vbration & Ride - SIT with LRV	25d	03-Jan-25	12-Feb-25	8d
CM-CS-4800	Documentation post Noise and Vibration & Ride SIT	10d	12-Feb-25	26-Feb-25	28d
LRV		36d	03-Jan-25	25-Feb-25	29d
CM-CS-4000	Shake down with 1 x LRV - Dynamic Tests and Journey Time, Linespeed (Includes Driver Training)	24d	03-Jan-25	11-Feb-25	9d
CM-CS-4860	Documentation post Shakedown	10d	11-Feb-25	25-Feb-25	29d
Requires Multiple LRVs		39d	03-Jan-25	28-Feb-25	26d
CM-CS-4080	Ready to Receive Multiple LRVs from KD/Client	0d	03-Jan-25		28d
Wayside SIGs and Comms		2d	23-Jan-25	29-Jan-25	43d
CM-CS-4920	Priority Testing (Using Multiple LRVs) - More traffc signal/pedestrian crossing testing	2d	23-Jan-25	29-Jan-25	43d
Traction Power		12d	12-Feb-25	28-Feb-25	26d
CM-CS-4360	Traction Power - SIT with LRVs	2d	12-Feb-25	14-Feb-25	6d
CM-CS-4820	Documentation post Traction Power SIT	10d	17-Feb-25	28-Feb-25	26d
Cutover into OCC (Operations Control Centre)		27d	27-Feb-25	07-Apr-25	0d
CM-CS-4100	Cut ITF/BOCC over to existing OCC (BT led)	20d	27-Feb-25	01-Apr-25	0d
CM-CS-4740	Documentation post Cut ITF / BOCC over to existing OCC	10d	24-Mar-25	07-Apr-25	0d

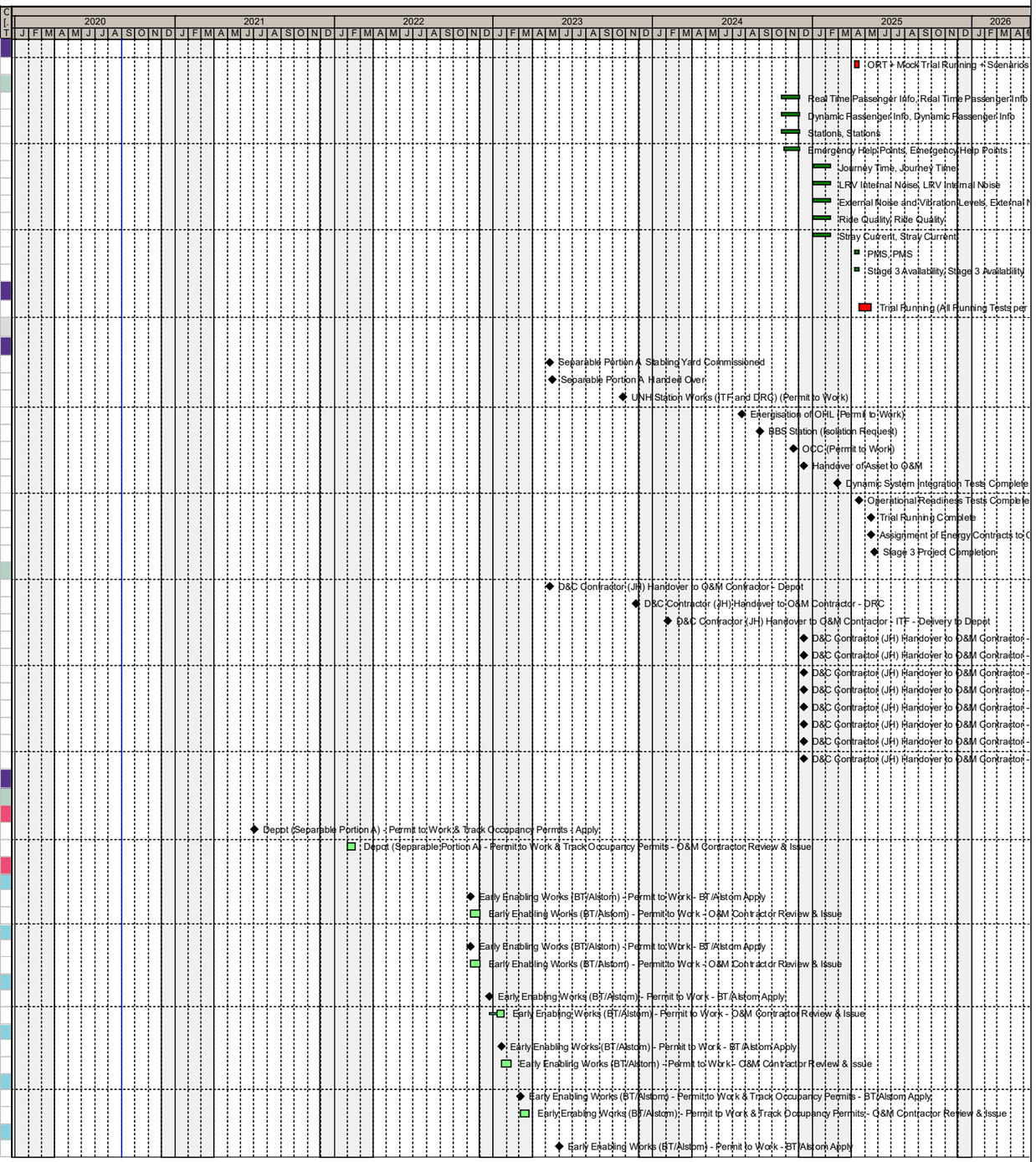


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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Operational Readiness Tests		99d	23-Oct-24	17-Apr-25	0d
CM-CS-4120	ORT + Mock Trial Running + Scenarios	7d	07-Apr-25	17-Apr-25	0d
A10.1 Tests Leading up to Trial Running		99d	23-Oct-24	17-Apr-25	0d
PS-10120	Real Time Passenger Info	23d	23-Oct-24	02-Dec-24	2d
PS-10140	Dynamic Passenger Info	23d	23-Oct-24	02-Dec-24	2d
PS-10220	Stations	23d	23-Oct-24	02-Dec-24	2d
PS-10160	Emergency Help Points	20d	28-Oct-24	02-Dec-24	2d
PS-10240	Journey Time	24d	03-Jan-25	11-Feb-25	9d
PS-10060	LRV Internal Noise	25d	03-Jan-25	12-Feb-25	8d
PS-10080	External Noise and Vibration Levels	25d	03-Jan-25	12-Feb-25	8d
PS-10100	Ride Quality	25d	03-Jan-25	12-Feb-25	8d
PS-10180	Stray Current	25d	03-Jan-25	12-Feb-25	8d
PS-10200	PMS	7d	07-Apr-25	17-Apr-25	0d
PS-10260	Stage 3 Availability	7d	07-Apr-25	17-Apr-25	0d
Trial Running		29d	18-Apr-25	16-May-25	0d
CM-CS-4440	Trial Running (All Running Tests per Table A10.1- Annexure 10- e.g Noise, Vibration,ride, real time passenger info	29d	18-Apr-25	16-May-25	0d
OPERATIONS AND MAINTENANCE (O&M) PROGRAMME - Rev 7 02-Jun-21		1041d	08-Jun-21	09-Sep-25	120d
Key Milestones		500d	09-May-23	23-May-25	153d
KD-OM-MS-0020	Separable Portion A Stabling Yard Commissioned	0d		09-May-23	568d
KD-OM-MS-0040	Separable Portion A Handed Over	0d		16-May-23	648d
KD-OM-MS-0060	UNH Station Works (ITF and DRC) (Permit to Work)	0d		24-Oct-23	164d
KD-OM-MS-0100	Energisation of OHL (Permit to Work)	0d		23-Jul-24	3d
KD-OM-MS-0080	BBS Station (Isolation Request)	0d		03-Sep-24	0d
KD-OM-MS-320	OCC (Permit to Work)	0d		18-Nov-24	0d
KD-OM-MS-0140	Handover of Asset to O&M	0d		13-Dec-24	70d
KD-OM-MS-0120	Dynamic System Integration Tests Complete	0d		28-Feb-25	26d
KD-OM-MS-0160	Operational Readiness Tests Complete	0d		17-Apr-25	0d
KD-OM-MS-0180	Trial Running Complete	0d		16-May-25	0d
KD-OM-MS-0200	Assignment of Energy Contracts to O&M Contracts	0d		16-May-25	39d
KD-OM-MS-0240	Stage 3 Project Completion	0d		23-May-25	33d
Handover of Assets		399d	09-May-23	13-Dec-24	70d
KD-OM-1140	D&C Contractor (JH) Handover to O&M Contractor - Depot	0d		09-May-23	415d
KD-OM-1180	D&C Contractor (JH) Handover to O&M Contractor - DRC	0d		24-Nov-23	328d
KD-OM-1200	D&C Contractor (JH) Handover to O&M Contractor - ITF - Delivery to Depot	0d		05-Feb-24	288d
KD-OM-1000	D&C Contractor (JH) Handover to O&M Contractor - Intersections	0d		13-Dec-24	61d
KD-OM-1020	D&C Contractor (JH) Handover to O&M Contractor - Track	0d		13-Dec-24	61d
KD-OM-1040	D&C Contractor (JH) Handover to O&M Contractor - Points, Point Control, Detection & Indication	0d		13-Dec-24	61d
KD-OM-1060	D&C Contractor (JH) Handover to O&M Contractor - Structures	0d		13-Dec-24	61d
KD-OM-1080	D&C Contractor (JH) Handover to O&M Contractor - Overhead line & Traction Power System	0d		13-Dec-24	61d
KD-OM-1100	D&C Contractor (JH) Handover to O&M Contractor - LRT Signals & Signalling	0d		13-Dec-24	61d
KD-OM-1120	D&C Contractor (JH) Handover to O&M Contractor - Control & Supervision Systems	0d		13-Dec-24	61d
KD-OM-1160	D&C Contractor (JH) Handover to O&M Contractor - Stations	0d		13-Dec-24	70d
Permits		929d	01-Jul-21	24-Apr-25	0d
Permit to Work & Track Occupancy Permit		828d	01-Jul-21	18-Nov-24	0d
Depot Access Area		153d	01-Jul-21	18-Feb-22	286d
OM-PERM-1000	Depot (Separable Portion A) - Permit to Work & Track Occupancy Permits - Apply	0d	01-Jul-21*		424d
OM-PERM-1200	Depot (Separable Portion A) - Permit to Work & Track Occupancy Permits - O&M Contractor Review & Issue	15d	31-Jan-22	18-Feb-22	286d
Early Enabling Works		160d	10-Nov-22	12-Jul-23	177d
TDR 4.2 - ITF Cable Remediation		15d	10-Nov-22	30-Nov-22	177d
OM-PERM-1360	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	10-Nov-22		177d
OM-PERM-1380	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	10-Nov-22	30-Nov-22	177d
TDR 4.3 - New ITF/DRC Fibre Optic Cabling - Dark Fibre		15d	10-Nov-22	30-Nov-22	177d
OM-PERM-1400	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	10-Nov-22		177d
OM-PERM-1420	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	10-Nov-22	30-Nov-22	177d
TDR 4.5 - New BBS ITF/DRC Fibre Optic Cabling - Dark Fibre		15d	22-Dec-22	25-Jan-23	177d
OM-PERM-1440	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	22-Dec-22		177d
OM-PERM-1460	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	22-Dec-22	25-Jan-23	177d
TDR 4.4 - New Depot ITF/DRC Fibre Optic Cabling - Dark Fibre		15d	19-Jan-23	09-Feb-23	177d
OM-PERM-1480	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	19-Jan-23		177d
OM-PERM-1500	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	19-Jan-23	09-Feb-23	177d
TDR 4.6 - Activitation of Dark Fibre, Network testing and Stability		15d	03-Mar-23	23-Mar-23	177d
OM-PERM-1520	Early Enabling Works (BT/Alstom) - Permit to Work & Track Occupancy Permits - BT/Alstom Apply	0d	03-Mar-23		177d
OM-PERM-1540	Early Enabling Works (BT/Alstom) - Permit to Work & Track Occupancy Permits - O&M Contractor Review & Issue	15d	03-Mar-23	23-Mar-23	177d
TDR 4.7 - Integrated Testing Facility		15d	01-Jun-23	21-Jun-23	177d
OM-PERM-1560	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	01-Jun-23		177d



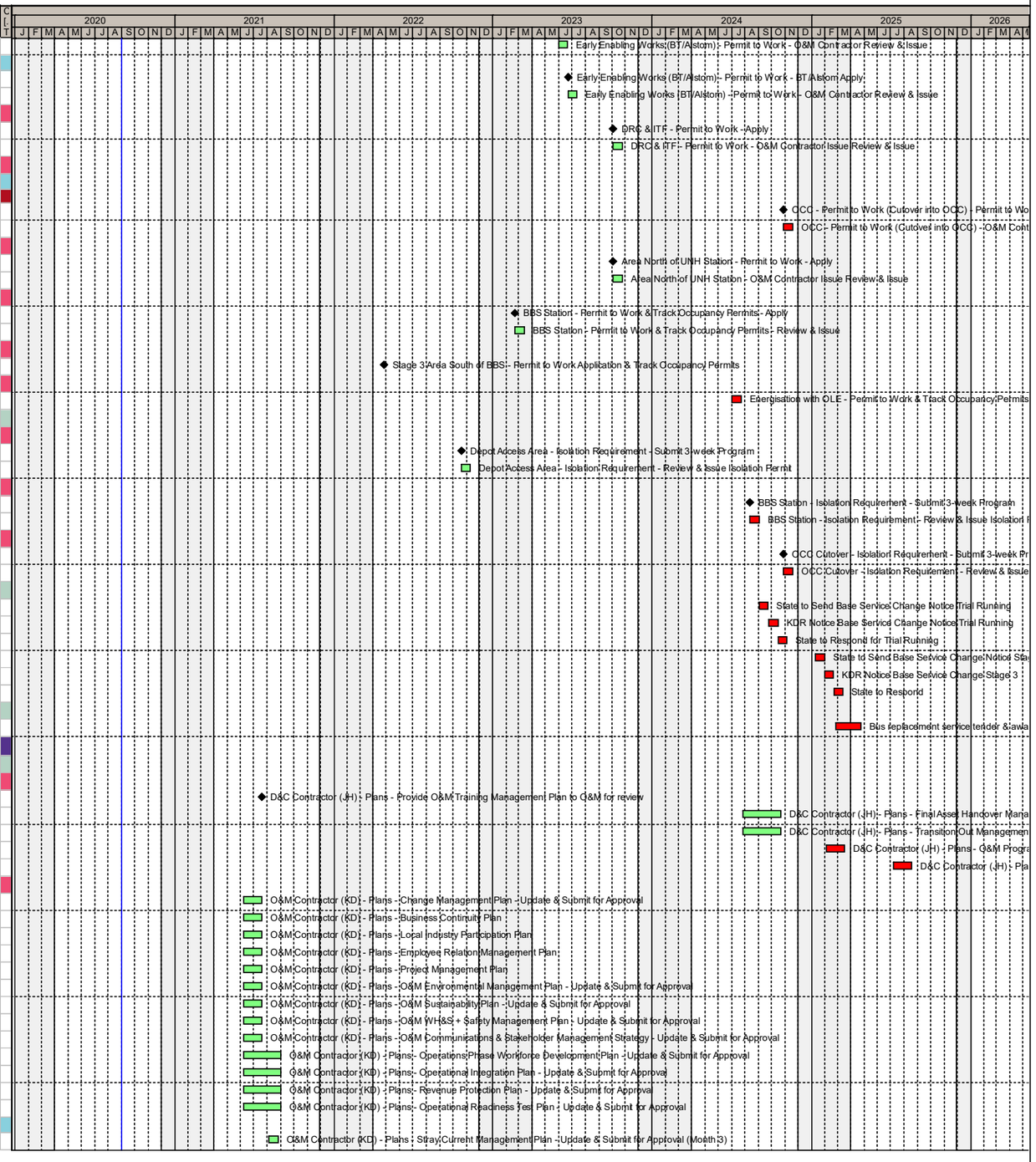
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
OM-PERM-1580	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	01-Jun-23	21-Jun-23	177d	
TDR 4.8 - Disaster Recover Centre - Functionality and Process Verification		15d	22-Jun-23	12-Jul-23	177d	
OM-PERM-1600	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	22-Jun-23		177d	
OM-PERM-1620	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	22-Jun-23	12-Jul-23	177d	
UNH Station		15d	03-Oct-23	24-Oct-23	138d	
OM-PERM-1040	DRC & ITF - Permit to Work - Apply	0d	03-Oct-23		138d	
OM-PERM-1320	DRC & ITF - Permit to Work - O&M Contractor Issue Review & Issue	15d	03-Oct-23	24-Oct-23	138d	
Operational Control Centre		15d	28-Oct-24	18-Nov-24	0d	
Separable Portion B		15d	28-Oct-24	18-Nov-24	0d	
Testing & Commissioning Phase		15d	28-Oct-24	18-Nov-24	0d	
OM-PERM-1020	OCC - Permit to Work (Cutover into OCC) - Permit to Work - Apply	0d	28-Oct-24		0d	
OM-PERM-1220	OCC - Permit to Work (Cutover into OCC) - O&M Contractor Issue Review & Issue	15d	28-Oct-24	18-Nov-24	0d	
Area North of UNH Station (for recovery of ITF building)		15d	03-Oct-23	24-Oct-23	164d	
OM-PERM-1060	Area North of UNH Station - Permit to Work - Apply	0d	03-Oct-23		164d	
OM-PERM-1340	Area North of UNH Station - O&M Contractor Issue Review & Issue	15d	03-Oct-23	24-Oct-23	164d	
BBS Station		15d	20-Feb-23	13-Mar-23	167d	
OM-PERM-1080	BBS Station - Permit to Work & Track Occupancy Permits - Apply	0d	20-Feb-23		167d	
OM-PERM-1280	BBS Station - Permit to Work & Track Occupancy Permits - Review & Issue	15d	20-Feb-23	13-Mar-23	167d	
Access Stage 3 Area South of BBS		0d	26-Apr-22	26-Apr-22	341d	
OM-PERM-1120	Stage 3 Area South of BBS - Permit to Work Application & Track Occupancy Permits	0d	26-Apr-22*		341d	
Energisation of OLE		15d	02-Jul-24	23-Jul-24	3d	
KD-OM-MS-0320	Energisation with OLE - Permit to Work & Track Occupancy Permits - Apply, Review & Issue	15d	02-Jul-24	23-Jul-24	3d	
Isolations		508d	20-Oct-22	18-Nov-24	0d	
Depot Access Area		15d	20-Oct-22	09-Nov-22	178d	
OM-PERM-1140	Depot Access Area - Isolation Requirement - Submit 3-week Program	0d	20-Oct-22		178d	
OM-PERM-1240	Depot Access Area - Isolation Requirement - Review & Issue Isolation Permit	15d	20-Oct-22	09-Nov-22	178d	
BBS Station		15d	13-Aug-24	03-Sep-24	0d	
OM-PERM-1160	BBS Station - Isolation Requirement - Submit 3-week Program	0d	13-Aug-24		0d	
OM-PERM-1260	BBS Station - Isolation Requirement - Review & Issue Isolation Permit	15d	13-Aug-24	03-Sep-24	0d	
Operational Control Centre Cutover		15d	28-Oct-24	18-Nov-24	0d	
OM-PERM-1180	OCC Cutover - Isolation Requirement - Submit 3-week Program	0d	28-Oct-24		0d	
OM-PERM-1300	OCC Cutover - Isolation Requirement - Review & Issue Isolation Permit	15d	28-Oct-24	18-Nov-24	0d	
O&M Notice to State		126d	03-Sep-24	13-Mar-25	0d	
OM-NOTICE-1000	State to Send Base Service Change Notice Trial Running	15d	03-Sep-24	23-Sep-24	0d	
OM-NOTICE-1020	KDR Notice Base Service Change Notice Trial Running	15d	24-Sep-24	15-Oct-24	0d	
OM-NOTICE-1040	State to Respond for Trial Running	15d	16-Oct-24	05-Nov-24	0d	
OM-NOTICE-1060	State to Send Base Service Change Notice Stage 3	15d	09-Jan-25	30-Jan-25	0d	
OM-NOTICE-1080	KDR Notice Base Service Change Stage 3	15d	31-Jan-25	20-Feb-25	0d	
OM-NOTICE-1100	State to Respond	15d	21-Feb-25	13-Mar-25	0d	
Others		40d	26-Feb-25	24-Apr-25	0d	
CM-OM-3360	Bus replacement service tender & award	40d	26-Feb-25	24-Apr-25	0d	
Planning/Maintenance Plan		1041d	08-Jun-21	09-Sep-25	0d	
Management Plans		1041d	08-Jun-21	09-Sep-25	0d	
By D&C		996d	20-Jul-21	18-Aug-25	0d	
OM-TRAIN-1040	D&C Contractor (JH) - Plans - Provide O&M Training Management Plan to O&M for review	0d	20-Jul-21		825d	
OM-PLAN-1020	D&C Contractor (JH) - Plans - Final Asset Handover Management Plan - Update & Submit for Approval	60d	26-Jul-24	22-Oct-24	28d	
OM-PLAN-1120	D&C Contractor (JH) - Plans - Transition Out Management Plan - Update & Submit for Approval	60d	26-Jul-24	22-Oct-24	28d	
OM-PLAN-1000	D&C Contractor (JH) - Plans - O&M Program - Revise & Submit for Approval	30d	03-Feb-25	17-Mar-25	0d	
OM-PLAN-1440	D&C Contractor (JH) - Plans - Transport Integration Plan - Update & Submit for Approval (Month 6)	30d	08-Jul-25	18-Aug-25	0d	
By O&M		977d	08-Jun-21	10-Jun-25	49d	
PP-OM-MP-1070	O&M Contractor (KD) - Plans - Change Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	890d	
CM-PLAN-1480	O&M Contractor (KD) - Plans - Business Continuity Plan	30d	08-Jun-21*	19-Jul-21	890d	
CM-PLAN-1540	O&M Contractor (KD) - Plans - Local Industry Participation Plan	30d	08-Jun-21	19-Jul-21	890d	
CM-PLAN-1560	O&M Contractor (KD) - Plans - Employee Relation Management Plan	30d	08-Jun-21	19-Jul-21	890d	
CM-PLAN-1620	O&M Contractor (KD) - Plans - Project Management Plan	30d	08-Jun-21	19-Jul-21	825d	
PP-OM-MP-1840	O&M Contractor (KD) - Plans - O&M Environmental Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	996d	
PP-OM-MP-1860	O&M Contractor (KD) - Plans - O&M Sustainability Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	996d	
PP-OM-MP-1880	O&M Contractor (KD) - Plans - O&M WH&S + Safety Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	996d	
PP-OM-MP-1900	O&M Contractor (KD) - Plans - O&M Communications & Stakeholder Management Strategy - Update & Submit fo	30d	08-Jun-21	19-Jul-21	996d	
OM-PLAN-1040	O&M Contractor (KD) - Plans - Operations Phase Workforce Development Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	860d	
OM-PLAN-1060	O&M Contractor (KD) - Plans - Operational Integration Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	795d	
OM-PLAN-1080	O&M Contractor (KD) - Plans - Revenue Protection Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	795d	
OM-PLAN-1140	O&M Contractor (KD) - Plans - Operational Readiness Test Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	860d	
Month 3 Tranche		90d	05-Aug-21	10-Dec-21	894d	
PP-OM-MP-1100	O&M Contractor (KD) - Plans - Stray Current Management Plan - Update & Submit for Approval (Month 3)	15d	05-Aug-21	25-Aug-21	890d	



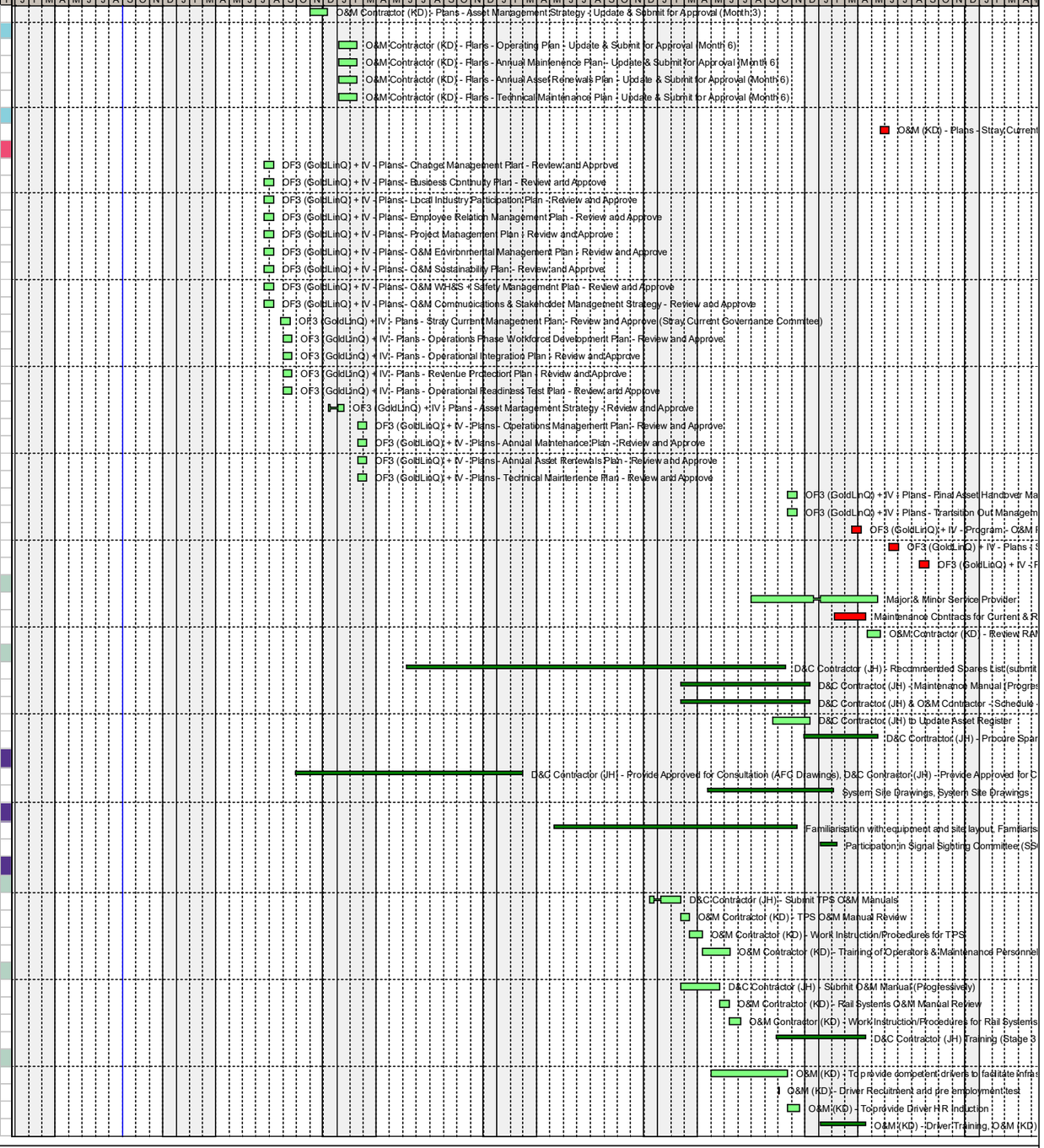
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
PP-OM-MP-1760	O&M Contractor (KD) - Plans - Asset Management Strategy - Update & Submit for Approval (Month 3)	30d	01-Nov-21	10-Dec-21	894d	
Month 6 Tranche		30d	05-Jan-22	16-Feb-22	858d	
OM-PLAN-1600	O&M Contractor (KD) - Plans - Operating Plan - Update & Submit for Approval (Month 6)	30d	05-Jan-22	16-Feb-22	858d	
PP-OM-MP-1780	O&M Contractor (KD) - Plans - Annual Maintenence Plan - Update & Submit for Approval (Month 6)	30d	05-Jan-22	16-Feb-22	858d	
PP-OM-MP-1800	O&M Contractor (KD) - Plans - Annual Asset Renewals Plan - Update & Submit for Approval (Month 6)	30d	05-Jan-22	16-Feb-22	858d	
PP-OM-MP-1820	O&M Contractor (KD) - Plans - Technical Maintenance Plan - Update & Submit for Approval (Month 6)	30d	05-Jan-22	16-Feb-22	858d	
Month 12 Tranche		15d	21-May-25	10-Jun-25	0d	
PP-OM-MP-1740	O&M (KD) - Plans - Stray Current Management Plan - Update & Submit for Approval (3 Month prior to Date of Cor	15d	21-May-25	10-Jun-25	0d	
OF3 + Independant Verifier - Review Approve (Within 15BD of Submission) PD CI 7.4		1011d	20-Jul-21	09-Sep-25	0d	
PP-GL-MP-1070	OF3 (GoldLinQ) + IV - Plans - Change Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	890d	
CM-PLAN-1500	OF3 (GoldLinQ) + IV - Plans - Business Continuity Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	890d	
CM-PLAN-1550	OF3 (GoldLinQ) + IV - Plans - Local Industry Participation Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	890d	
PP-GL-MP-1570	OF3 (GoldLinQ) + IV - Plans - Employee Relation Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	890d	
PP-GL-MP-162	OF3 (GoldLinQ) + IV - Plans - Project Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	825d	
PP-GL-MP-1840	OF3 (GoldLinQ) + IV - Plans - O&M Environmental Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	996d	
PP-GL-MP-1860	OF3 (GoldLinQ) + IV - Plans - O&M Sustainability Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	996d	
PP-GL-MP-1880	OF3 (GoldLinQ) + IV - Plans - O&M WH&S + Safety Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	996d	
PP-GL-MP-1900	OF3 (GoldLinQ) + IV - Plans - O&M Communications & Stakeholder Management Strategy - Review and Approve	15d	20-Jul-21	09-Aug-21	996d	
PP-GL-MP-1100	OF3 (GoldLinQ) + IV - Plans - Stray Current Management Plan - Review and Approve (Stray Current Governance	15d	26-Aug-21	16-Sep-21	890d	
OM-PLAN-1200	OF3 (GoldLinQ) + IV - Plans - Operations Phase Workforce Development Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	860d	
OM-PLAN-1220	OF3 (GoldLinQ) + IV - Plans - Operational Integration Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	795d	
OM-PLAN-1240	OF3 (GoldLinQ) + IV - Plans - Revenue Protection Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	795d	
OM-PLAN-1300	OF3 (GoldLinQ) + IV - Plans - Operational Readiness Test Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	860d	
PP-GL-MP-1760	OF3 (GoldLinQ) + IV - Plans - Asset Management Strategy - Review and Approve	15d	13-Dec-21	17-Jan-22	894d	
OM-PLAN-1260	OF3 (GoldLinQ) + IV - Plans - Operations Management Plan - Review and Approve	15d	17-Feb-22	09-Mar-22	858d	
PP-GL-MP-1780	OF3 (GoldLinQ) + IV - Plans - Annual Maintenance Plan - Review and Approve	15d	17-Feb-22	09-Mar-22	858d	
PP-GL-MP-1800	OF3 (GoldLinQ) + IV - Plans - Annual Asset Renewals Plan - Review and Approve	15d	17-Feb-22	09-Mar-22	858d	
PP-GL-MP-1820	OF3 (GoldLinQ) + IV - Plans - Technical Maintenence Plan - Review and Approve	15d	17-Feb-22	09-Mar-22	858d	
OM-PLAN-1180	OF3 (GoldLinQ) + IV - Plans - Final Asset Handover Management Plan - Review and Approve	15d	22-Oct-24	12-Nov-24	28d	
OM-PLAN-1280	OF3 (GoldLinQ) + IV - Plans - Transition Out Management Plan - Review and Approve	15d	22-Oct-24	12-Nov-24	28d	
OM-PLAN-1160	OF3 (GoldLinQ) + IV - Program - O&M Program - Review and Approve	15d	17-Mar-25	07-Apr-25	0d	
PP-GL-MP-1740	OF3 (GoldLinQ) + IV - Plans - Stray Current Management Plan - Review and Approve (Stray Current Governance	15d	11-Jun-25	01-Jul-25	0d	
OM-PLAN-1460	OF3 (GoldLinQ) + IV - Plans - Transport Integration Plan - Review and Approve	15d	19-Aug-25	09-Sep-25	0d	
O&M		194d	31-Jul-24	21-May-25	35d	
CM-OM-3280	Major & Minor Service Provider	191d	31-Jul-24	16-May-25	38d	
CM-OM-3300	Maintenance Contracts for Current & Renewal Agreements - Overhead Line, Fire system, comms	52d	05-Feb-25	17-Apr-25	0d	
CM-OM-3380	O&M Contractor (KD) - Review RAMS Report from D&C Contractor (JH)	20d	22-Apr-25	21-May-25	35d	
Handover Plan		717d	08-Jun-22	16-May-25	0d	
OM-PLAN-1400	D&C Contractor (JH) - Recommended Spares List (submit 10months from D&C Completions)	582d	08-Jun-22	18-Oct-24	0d	
OM-PLAN-1320	D&C Contractor (JH) - Maintenance Manual (Progressive Updates)(6 months prior to D&C Completion)	206d	21-Feb-24	13-Dec-24	70d	
OM-PLAN-1360	D&C Contractor (JH) & O&M Contractor - Schedule - Maintenance Schedule (submit by h/o of assets)	206d	21-Feb-24	13-Dec-24	70d	
CM-OM-3200	D&C Contractor (JH) to Update Asset Register	61d	18-Sep-24	13-Dec-24	78d	
OM-PLAN-1420	D&C Contractor (JH) - Procure Spares	105d	29-Nov-24	16-May-25	0d	
Design		811d	29-Sep-21	04-Feb-25	0d	
OM-DESIGN-1000	D&C Contractor (JH) - Provide Approved for Consultation (AFC Drawings)	339d	29-Sep-21	27-Feb-23	367d	
OM-DESIGN-1020	System Site Drawings	193d	24-Apr-24	04-Feb-25	0d	
Delivery Phase		430d	09-May-23	11-Feb-25	12d	
OM-DP-1000	Familiarisation with equipment and site layout	376d	09-May-23	12-Nov-24	3d	
OM-DP-1020	Participation in Signal Sighting Committee (SSC)	26d	06-Jan-25	11-Feb-25	12d	
Training		324d	12-Dec-23	17-Apr-25	218d	
TPS		118d	12-Dec-23	14-Jun-24	424d	
CM-OM-3420	D&C Contractor (JH) - Submit TPS O&M Manuals	40d	12-Dec-23	21-Feb-24	61d	
CM-OM-3460	O&M Contractor (KD) - TPS O&M Manual Review	15d	21-Feb-24	13-Mar-24	424d	
CM-OM-3440	O&M Contractor (KD) - Work Instruction/Procedures for TPS	19d	13-Mar-24	11-Apr-24	424d	
CM-OM-3480	O&M Contractor (KD) - Training of Operators & Maintenance Personnel for TPS	44d	11-Apr-24	14-Jun-24	424d	
Rail Systems		284d	21-Feb-24	17-Apr-25	0d	
CM-OM-3220	D&C Contractor (JH) - Submit O&M Manual (Progressively)	60d	21-Feb-24	21-May-24	61d	
CM-OM-3400	O&M Contractor (KD) - Rail Systems O&M Manual Review	15d	21-May-24	11-Jun-24	61d	
CM-OM-3240	O&M Contractor (KD) - Work Instruction/Procedures for Rail Systems	19d	11-Jun-24	08-Jul-24	61d	
OM-TRAIN-1060	D&C Contractor (JH) Training (Stage 3 Rail Systems infrastructure different from Stage 1 & 2)	133d	27-Sep-24	17-Apr-25	0d	
Driver Training		237d	02-May-24	17-Apr-25	0d	
CM-OM-3120	O&M (KD) - To provide competent drivers to facilitate infrastructure tests with LRV	120d	02-May-24	21-Oct-24	24d	
CM-OM-3340	O&M (KD) - Driver Recuitment and pre employment test	1d	02-Oct-24	03-Oct-24	0d	
CM-OM-3320	O&M (KD) - To provide Driver HR Induction	20d	22-Oct-24	18-Nov-24	24d	
OM-TRAIN-1080	O&M (KD) - Driver Training	73d	06-Jan-25	17-Apr-25	0d	

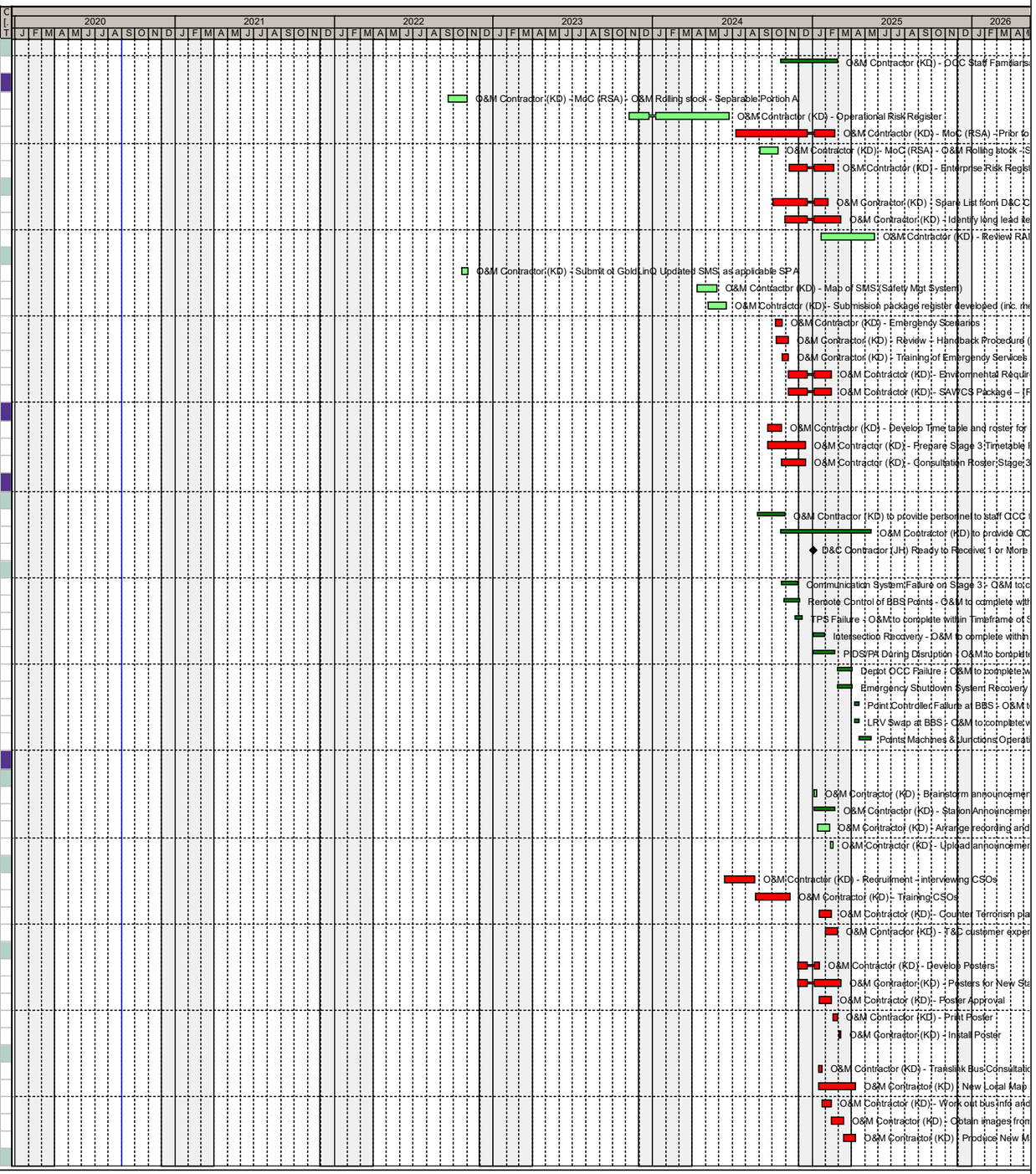


Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C T
OCC		82d	21-Oct-24	27-Feb-25	0d	
OM-TRAIN-1140	O&M Contractor (KD) - OCC Staff Familiarisation	82d	21-Oct-24	27-Feb-25	0d	
MOC (O&M) & Registers		649d	20-Sep-22	23-May-25	176d	
GCLR-AP110	O&M Contractor (KD) - MoC (RSA) - O&M Rolling stock - Separable Portion A	30d	20-Sep-22*	01-Nov-22	208d	
GCLR-AP034	O&M Contractor (KD) - Operational Risk Register	150d	07-Nov-23	24-Jun-24	398d	
GCLR-AP140	O&M Contractor (KD) - MoC (RSA) - Prior to passenger services	150d	10-Jul-24	21-Feb-25	0d	
GCLR-AP120	O&M Contractor (KD) - MoC (RSA) - O&M Rolling stock - Separable Portion B	30d	02-Sep-24	14-Oct-24	9d	
GCLR-AP040	O&M Contractor (KD) - Enterprise Risk Register Update	64d	08-Nov-24	20-Feb-25	0d	
Spares & RAMS Availability		152d	02-Oct-24	23-May-25	33d	
GCLR-SAH121	O&M Contractor (KD) - Spare List from D&C Contractor (JH) Analysis and finalise	80d	02-Oct-24	06-Feb-25	0d	
GCLR-SAH141	O&M Contractor (KD) - Identify long lead items not on spare list	80d	31-Oct-24	06-Mar-25	0d	
GCLR-SAH120	O&M Contractor (KD) - Review RAMS report from D&C Contractor (JH)	85d	20-Jan-25	23-May-25	33d	
SQE Plan		560d	21-Oct-22	13-Feb-25	0d	
GCLR-JC030	O&M Contractor (KD) - Submit ot GoldLinQ Updated SMS, as applicable SPA	10d	21-Oct-22	04-Nov-22	206d	
GCLR-JC010	O&M Contractor (KD) - Map of SMS (Safety Mgt System)	30d	12-Apr-24	27-May-24	58d	
GCLR-JC015	O&M Contractor (KD) - Submission package register developed (inc. meet accred submitted dates)	30d	07-May-24	17-Jun-24	100d	
GCLR-JC130	O&M Contractor (KD) - Emergency Scenarios	12d	08-Oct-24	23-Oct-24	0d	
GCLR-JC040	O&M Contractor (KD) - Review – Handback Procedure (CAS)	20d	10-Oct-24	06-Nov-24	0d	
GCLR-JC140	O&M Contractor (KD) - Training of Emergency Services	10d	24-Oct-24	06-Nov-24	0d	
GCLR-JC090	O&M Contractor (KD) - Enviromnental Requirements Established and Documented	60d	07-Nov-24	13-Feb-25	0d	
GCLR-JC035	O&M Contractor (KD) - SAWCS Package – (Revise)	60d	07-Nov-24	13-Feb-25	0d	
Stage 3 Timetable		61d	20-Sep-24	16-Dec-24	0d	
CM-OM-2100	O&M Contractor (KD) - Develop Time table and roster for Stage 3	21d	20-Sep-24	21-Oct-24	0d	
CM-OM-2080	O&M Contractor (KD) - Prepare Stage 3 Timetable Roster	61d	20-Sep-24	16-Dec-24	0d	
CM-OM-2120	O&M Contractor (KD) - Consultation Roster Stage 3	40d	22-Oct-24	16-Dec-24	0d	
Testing & Commissioning		171d	28-Aug-24	16-May-25	0d	
O&M Provisions		171d	28-Aug-24	16-May-25	0d	
CM-OM-3100	O&M Contractor (KD) to provide personnel to staff OCC for testing	42d	28-Aug-24	29-Oct-24	39d	
CM-OM-1020	O&M Contractor (KD) to provide OCC Controllers in the ITF (From STATIC SIT of ITF through to end of Trial Run	208d	21-Oct-24	16-May-25	0d	
CM-OM-3140	D&C Contractor (JH) Ready to Receive 1 or More LRVs	0d	03-Jan-25		0d	
O&M Pre-Completion Activities		133d	23-Oct-24	16-May-25	0d	
CM-OM-1040	Communication System Failure on Stage 3 - O&M to complete within timeframe of STATIC SIT - COMMUNICATIC	20d	23-Oct-24	28-Nov-24	5d	
CM-OM-1060	Remote Control of BBS Points - O&M to complete within timeframe of STATIC SIT - SIGNALS	20d	28-Oct-24	02-Dec-24	2d	
CM-OM-2020	TPS Failure - O&M to complete within Timeframe of STATIC SIT - TPS	10d	22-Nov-24	09-Dec-24	6d	
CM-OM-2060	Intersection Recovery - O&M to complete within timeframe of Priority Testing	15d	03-Jan-25	29-Jan-25	43d	
CM-OM-2040	PIDS/PA During Disruption - O&M to complete within timeframe of DYNAMIC SIT - COMMUNICATIONS	30d	03-Jan-25	22-Feb-25	3d	
CM-OM-3020	Depot OCC Failure - O&M to complete within timeframe of cutover into OCC	20d	27-Feb-25	01-Apr-25	0d	
CM-OM-3040	Emergency Shutdown System Recovery - O&M to complete within timeframe of cutover into OCC	20d	27-Feb-25	01-Apr-25	0d	
CM-OM-1080	Point Controller Failure at BBS - O&M to complete within timeframe of ORT	7d	07-Apr-25	17-Apr-25	0d	
CM-OM-3060	LRV Swap at BBS - O&M to complete within timeframe of ORT	7d	07-Apr-25	17-Apr-25	0d	
CM-OM-3080	Points Machines & Junctions Operations - O&M to complete within timeframe of Trial Running	29d	18-Apr-25	16-May-25	0d	
Procedures & Briefing		230d	14-Jun-24	26-May-25	0d	
Station Announcement		34d	06-Jan-25	21-Feb-25	39d	
GCLR-SH640	O&M Contractor (KD) - Brainstorm announcement required	5d	06-Jan-25	10-Jan-25	43d	
GCLR-SH620	O&M Contractor (KD) - Station Announcement, Recording and Test (DSIT)	34d	06-Jan-25	21-Feb-25	3d	
GCLR-SH660	O&M Contractor (KD) - Arrange recording and studio day	20d	13-Jan-25	10-Feb-25	43d	
GCLR-SH680	O&M Contractor (KD) - Upload announcement to PA & Test	5d	11-Feb-25	17-Feb-25	43d	
Plan Update to Include Stage 3		172d	14-Jun-24	27-Feb-25	0d	
GCLR-SH770	O&M Contractor (KD) - Recruitment - interviewing CSOs	50d	14-Jun-24	22-Aug-24	0d	
GCLR-SH780	O&M Contractor (KD) - Training CSOs	55d	23-Aug-24	11-Nov-24	0d	
GCLR-SH720	O&M Contractor (KD) - Counter Terrorism plan	20d	17-Jan-25	14-Feb-25	0d	
GCLR-SH830	O&M Contractor (KD) - T&C customer experience on tram	20d	31-Jan-25	27-Feb-25	0d	
Posters for New Station		60d	29-Nov-24	07-Mar-25	0d	
GCLR-SH1140	O&M Contractor (KD) - Develop Posters	25d	29-Nov-24	16-Jan-25	0d	
GCLR-SH1060	O&M Contractor (KD) - Posters for New Station	60d	29-Nov-24	07-Mar-25	0d	
GCLR-SH1160	O&M Contractor (KD) - Poster Approval	20d	17-Jan-25	14-Feb-25	0d	
GCLR-SH1180	O&M Contractor (KD) - Print Poster	10d	17-Feb-25	28-Feb-25	0d	
GCLR-SH1200	O&M Contractor (KD) - Install Poster	5d	03-Mar-25	07-Mar-25	0d	
New Local Area Map for Station		60d	16-Jan-25	10-Apr-25	0d	
GCLR-SH930	O&M Contractor (KD) - Translink Bus Consultation	5d	16-Jan-25	22-Jan-25	0d	
GCLR-SH920	O&M Contractor (KD) - New Local Map for Station	60d	16-Jan-25	10-Apr-25	0d	
GCLR-SH940	O&M Contractor (KD) - Work out bus info and bus replacement stop	15d	23-Jan-25	13-Feb-25	0d	
GCLR-SH960	O&M Contractor (KD) - Obtain images from Translink	20d	14-Feb-25	13-Mar-25	0d	
GCLR-SH980	O&M Contractor (KD) - Produce New Map	20d	14-Mar-25	10-Apr-25	0d	
Stakeholder Comms		200d	15-Jul-24	13-May-25	0d	



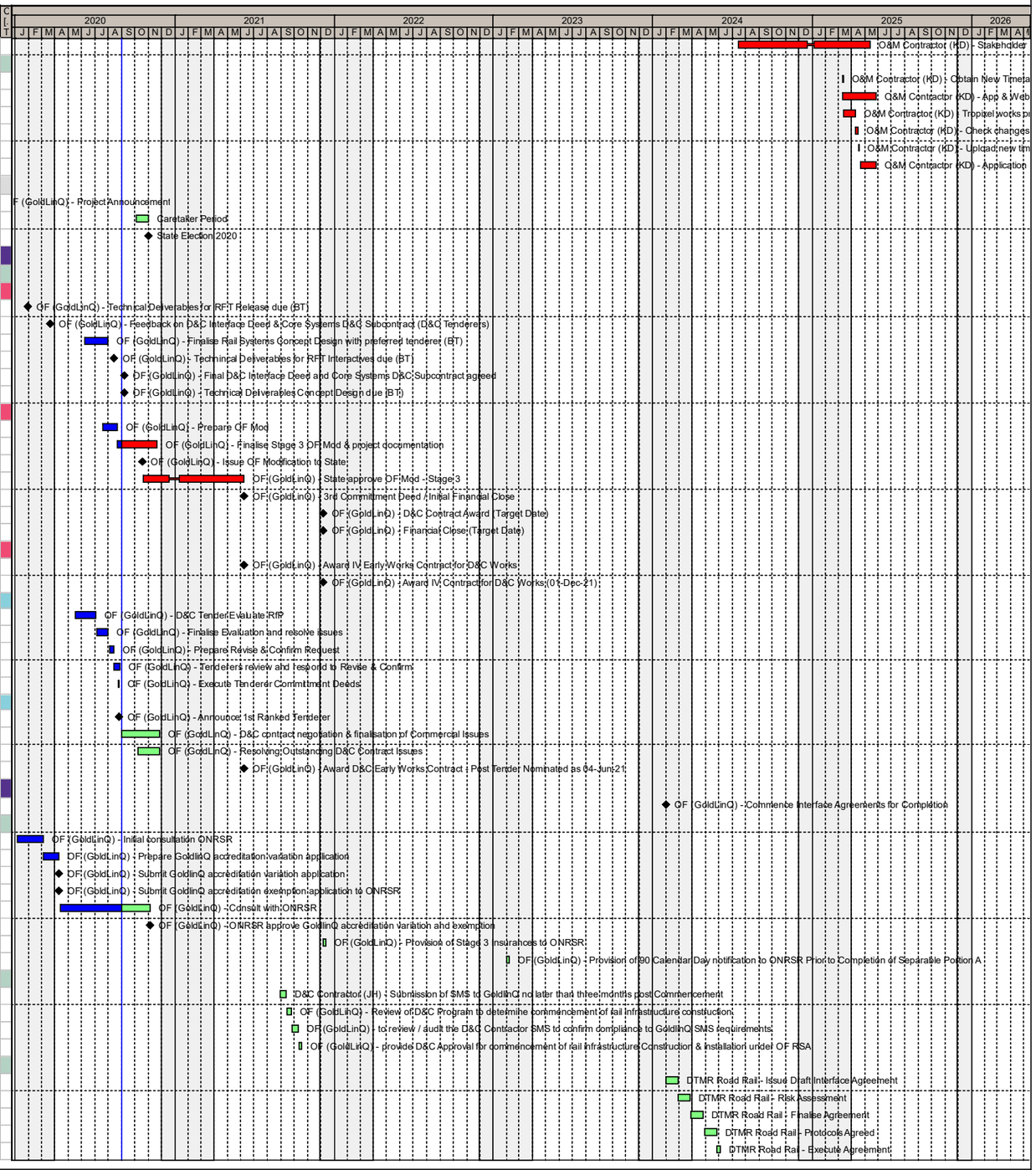
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C[T
GCLR-SH950	O&M Contractor (KD) - Stakeholder meetings	200d	15-Jul-24	13-May-25	0d	
Apps & Web Updates		50d	12-Mar-25	26-May-25	0d	
GCLR-SH1020	O&M Contractor (KD) - Obtain New Timetable from Ops	1d	12-Mar-25	12-Mar-25	0d	
GCLR-SH1000	O&M Contractor (KD) - App & Web Updates	50d	12-Mar-25	26-May-25	0d	
GCLR-SH1040	O&M Contractor (KD) - Tropixel works on update	20d	13-Mar-25	09-Apr-25	0d	
GCLR-SH1080	O&M Contractor (KD) - Check changes before upload	5d	10-Apr-25	16-Apr-25	0d	
GCLR-SH1100	O&M Contractor (KD) - Upload new timetable to web and app	1d	17-Apr-25	17-Apr-25	0d	
GCLR-SH1120	O&M Contractor (KD) - Application update available to customers	23d	22-Apr-25	26-May-25	0d	
OPERATOR FRANCHISE (OF) PROGRAMME - Rev 6 25-May-21 Gold Coast Light Rail - Stage 3		1419d	20-Nov-19 A	09-Sep-25	120d	
OF-GCLR3-0001	OF (GoldLinQ) - Project Announcement	0d		20-Nov-19 A		
OF-GCLR3-0005	Caretaker Period	27d	05-Oct-20*	31-Oct-20	0d	
OF-GCLR3-0008	State Election 2020	0d		31-Oct-20*	0d	
STAGE 3 - PROJECT PROCUREMENT & APPROVALS		456d	29-Jan-20 A	06-Dec-21	1033d	
PROCUREMENT		456d	29-Jan-20 A	06-Dec-21	1033d	
Rail Systems Core Scope		154d	29-Jan-20 A	07-Sep-20	298d	
OF-GCLR3-6001	OF (GoldLinQ) - Technical Deliverables for RFT Release due (BT)	0d		29-Jan-20 A		
OF-GCLR3-6005	OF (GoldLinQ) - Feedback on D&C Interface Deed & Core Systems D&C Subcontract (D&C Tenderers)	0d		20-Mar-20 A		
OF-GCLR3-6015	OF (GoldLinQ) - Finalise Rail Systems Concept Design with preferred tenderer (BT)	24d	08-Jun-20 A	31-Jul-20 A		
OF-GCLR3-6011	OF (GoldLinQ) - Technincal Deliverables for RFT Interactives due (BT)	0d		14-Aug-20 A		
OF-GCLR3-6031	OF (GoldLinQ) - Final D&C Interface Deed and Core Systems D&C Subcontract agreed	0d		07-Sep-20*	298d	
OF-GCLR3-6021	OF (GoldLinQ) - Technical Deliverables Concept Design due (BT)	0d		07-Sep-20*	247d	
OF Modification		337d	20-Jul-20 A	06-Dec-21	0d	
OF-GCLR3-0500	OF (GoldLinQ) - Prepare OF Mod	16d	20-Jul-20 A	21-Aug-20 A		
OF-GCLR3-0501	OF (GoldLinQ) - Finalise Stage 3 OF Mod & project documentation	8d	21-Aug-20 A	20-Nov-20	4d	
OF-GCLR3-0502	OF (GoldLinQ) - Issue OF Modification to State	0d	19-Oct-20		4d	
OF-GCLR3-0510	OF (GoldLinQ) - State approve OF Mod - Stage 3	145d	20-Oct-20	07-Jun-21	4d	
OF-GCLR3-0512	OF (GoldLinQ) - 3rd Committment Deed / Initial Financial Close	0d		07-Jun-21	4d	
OF-GCLR3-0522	OF (GoldLinQ) - D&C Contract Award (Target Date)	0d		06-Dec-21*	0d	
OF-GCLR3-0540	OF (GoldLinQ) - Financial Close (Target Date)	0d		06-Dec-21*	0d	
D&C TENDER		382d	18-May-20 A	06-Dec-21	1033d	
OF-GCLR3-0120	OF (GoldLinQ) - Award IV Early Works Contract for D&C Works	0d		07-Jun-21	4d	
OF-GCLR3-0140	OF (GoldLinQ) - Award IV Contract for D&C Works (01-Dec-21)	0d		06-Dec-21	1033d	
RFT		89d	18-May-20 A	28-Aug-20 A		
OF-GCLR3-0080	OF (GoldLinQ) - D&C Tender Evaluate RfP	28d	18-May-20 A	03-Jul-20 A		
OF-GCLR3-0081	OF (GoldLinQ) - Finalise Evaluation and resolve issues	24d	06-Jul-20 A	31-Jul-20 A		
OF-GCLR3-0085	OF (GoldLinQ) - Prepare Revise & Confirm Request	8d	04-Aug-20 A	13-Aug-20 A		
OF-GCLR3-0086	OF (GoldLinQ) - Tenderers review and respond to Revise & Confirm	4d	14-Aug-20 A	28-Aug-20 A		
OF-GCLR3-0090	OF (GoldLinQ) - Execute Tenderer Committment Deeds	3d	24-Aug-20 A	26-Aug-20 A		
Approval & Award		182d	26-Aug-20 A	07-Jun-21	4d	
OF-GCLR3-0091	OF (GoldLinQ) - Announce 1st Ranked Tenderer	0d		26-Aug-20 A		
OF-GCLR3-0100	OF (GoldLinQ) - D&C contract negotiation & finalisation of Commercial Issues	63d	01-Sep-20	27-Nov-20	8d	
OF-GCLR3-0130	OF (GoldLinQ) - Resolving Outstanding D&C Contract Issues	37d	08-Oct-20	27-Nov-20	120d	
OF-GCLR3-0110	OF (GoldLinQ) - Award D&C Early Works Contract - Post Tender Nominated as 04-Jun-21	0d		07-Jun-21	4d	
DELIVERY APPROVALS AND AGREEMENTS		1075d	06-Jan-20 A	04-Jun-24	413d	
OF-GCLR3-8065	OF (GoldLinQ) - Commence Interface Agreements for Completion	0d	01-Feb-24*		142d	
Rail Safety Accreditation		750d	06-Jan-20 A	07-Feb-23	469d	
OF-GCLR3-7001	OF (GoldLinQ) - Initial consultation ONRSR	35d	06-Jan-20 A	05-Mar-20 A		
OF-GCLR3-7011	OF (GoldLinQ) - Prepare GoldlinQ accreditation variation application	20d	06-Mar-20 A	09-Apr-20 A		
OF-GCLR3-7021	OF (GoldLinQ) - Submit GoldlinQ accreditation variation application	0d		09-Apr-20 A		
OF-GCLR3-7031	OF (GoldLinQ) - Submit GoldlinQ accreditation exemption application to ONRSR	0d		09-Apr-20 A		
OF-GCLR3-7041	OF (GoldLinQ) - Consult with ONRSR	100d	14-Apr-20 A	05-Nov-20	756d	
OF-GCLR3-7051	OF (GoldLinQ) - ONRSR approve GoldlinQ accreditation variation and exemption	0d		05-Nov-20	505d	
OF-GCLR3-7061	OF (GoldLinQ) - Provision of Stage 3 Insurances to ONRSR	5d	07-Dec-21	13-Dec-21	240d	
OF-GCLR3-7071	OF (GoldLinQ) - Provision of 90 Calendar Day notification to ONRSR Prior to Completion of Separable Portion A	5d	31-Jan-23	07-Feb-23	469d	
Approval to Commence Construction		34d	31-Aug-21	18-Oct-21	325d	
OF-GCLR3-8026	D&C Contractor (JH) - Submission of SMS to GoldlinQ no later than three months post Commencement	10d	31-Aug-21	13-Sep-21	325d	
OF-GCLR3-8027	OF (GoldLinQ) - Review of D&C Program to determine commencement of rail infrastructure construction.	9d	14-Sep-21	24-Sep-21	325d	
OF-GCLR3-8028	OF (GoldLinQ) - to review / audit the D&C Contractor SMS to confirm compliance to GoldlinQ SMS requirements.	10d	27-Sep-21	11-Oct-21	325d	
OF-GCLR3-8029	OF (GoldLinQ) - provide D&C Approval for commencement of rail infrastructure Construction & installation under C	5d	12-Oct-21	18-Oct-21	325d	
DTMR Road Rail Interface Agreements		84d	01-Feb-24	03-Jun-24	142d	
OF-GCLR3-8000	DTMR Road Rail - Issue Draft Interface Agreement	20d	01-Feb-24	28-Feb-24	142d	
OF-GCLR3-8001	DTMR Road Rail - Risk Assessment	20d	29-Feb-24	27-Mar-24	142d	
OF-GCLR3-8002	DTMR Road Rail - Finalise Agreement	19d	28-Mar-24	26-Apr-24	142d	
OF-GCLR3-8003	DTMR Road Rail - Protocols Agreed	20d	29-Apr-24	27-May-24	142d	
OF-GCLR3-8004	DTMR Road Rail - Execute Agreement	5d	28-May-24	03-Jun-24	142d	



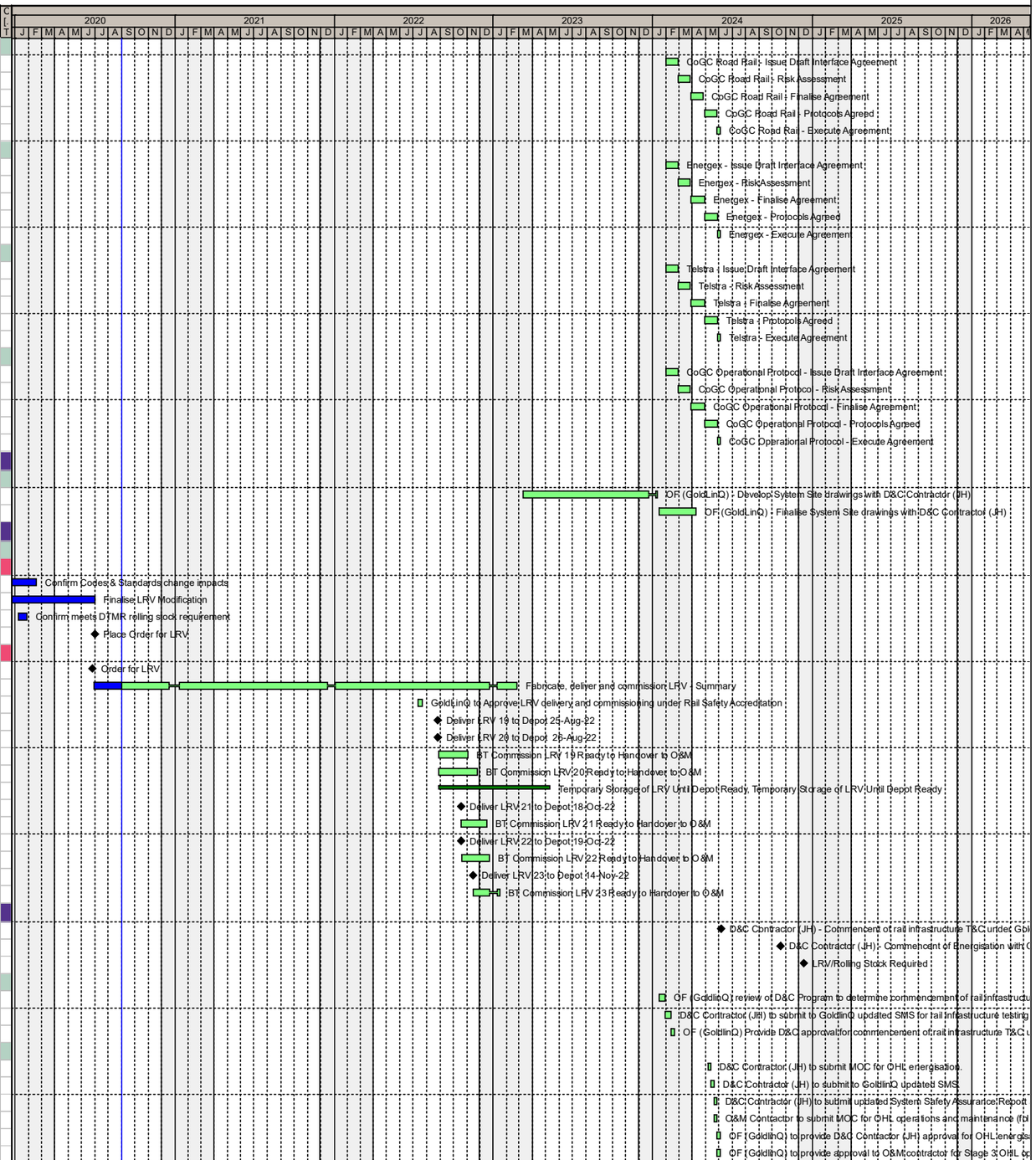
Date	Revision	Checked	Approved

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210903 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CoGC Road Rail Interface Agreements		84d	01-Feb-24	03-Jun-24	142d
OF-GCLR3-8005	CoGC Road Rail - Issue Draft Interface Agreement	20d	01-Feb-24	28-Feb-24	142d
OF-GCLR3-8006	CoGC Road Rail - Risk Assessment	20d	29-Feb-24	27-Mar-24	142d
OF-GCLR3-8007	CoGC Road Rail - Finalise Agreement	19d	28-Mar-24	26-Apr-24	142d
OF-GCLR3-8008	CoGC Road Rail - Protocols Agreed	20d	29-Apr-24	27-May-24	142d
OF-GCLR3-8009	CoGC Road Rail - Execute Agreement	5d	28-May-24	03-Jun-24	142d
Energex Interface Agreements		85d	01-Feb-24	04-Jun-24	413d
OF-GCLR3-8015	Energex - Issue Draft Interface Agreement	20d	01-Feb-24	28-Feb-24	413d
OF-GCLR3-8016	Energex - Risk Assessment	20d	29-Feb-24	27-Mar-24	413d
OF-GCLR3-8017	Energex - Finalise Agreement	20d	28-Mar-24	29-Apr-24	413d
OF-GCLR3-8018	Energex - Protocols Agreed	20d	30-Apr-24	28-May-24	413d
OF-GCLR3-8019	Energex - Execute Agreement	5d	29-May-24	04-Jun-24	413d
Telstra Interface Agreements		85d	01-Feb-24	04-Jun-24	413d
OF-GCLR3-8010	Telstra - Issue Draft Interface Agreement	20d	01-Feb-24	28-Feb-24	413d
OF-GCLR3-8011	Telstra - Risk Assessment	20d	29-Feb-24	27-Mar-24	413d
OF-GCLR3-8012	Telstra - Finalise Agreement	20d	28-Mar-24	29-Apr-24	413d
OF-GCLR3-8013	Telstra - Protocols Agreed	20d	30-Apr-24	28-May-24	413d
OF-GCLR3-8014	Telstra - Execute Agreement	5d	29-May-24	04-Jun-24	413d
CoGC Operational Protocol Interface Agreements		85d	01-Feb-24	04-Jun-24	413d
OF-GCLR3-8020	CoGC Operational Protocol - Issue Draft Interface Agreement	20d	01-Feb-24	28-Feb-24	413d
OF-GCLR3-8021	CoGC Operational Protocol - Risk Assessment	20d	29-Feb-24	27-Mar-24	413d
OF-GCLR3-8022	CoGC Operational Protocol - Finalise Agreement	20d	28-Mar-24	29-Apr-24	413d
OF-GCLR3-8023	CoGC Operational Protocol - Protocols Agreed	20d	30-Apr-24	28-May-24	413d
OF-GCLR3-8024	CoGC Operational Protocol - Execute Agreement	5d	29-May-24	04-Jun-24	413d
DESIGN		266d	09-Mar-23	10-Apr-24	469d
System Site Drawings		266d	09-Mar-23	10-Apr-24	469d
OF-GCLR3-1110	OF (GoldLinQ) - Develop System Site drawings with D&C Contractor (JH)	206d	09-Mar-23	12-Jan-24	469d
OF-GCLR3-1120	OF (GoldLinQ) - Finalise System Site drawings with D&C Contractor (JH)	60d	15-Jan-24	10-Apr-24	469d
PROCUREMENT		868d	21-Nov-19 A	09-May-23	696d
LRV ORDER		868d	21-Nov-19 A	09-May-23	696d
LRV Specification & Order		157d	21-Nov-19 A	01-Jul-20 A	
OF-GCLR3-0169	Confirm Codes & Standards change impacts	42d	21-Nov-19 A	17-Feb-20 A	
OF-GCLR3-0168	Finalise LRV Modification	120d	21-Nov-19 A	01-Jul-20 A	
OF-GCLR3-0171	Confirm meets DTMR rolling stock requirement	12d	08-Jan-20 A	28-Jan-20 A	
OF-GCLR3-0178	Place Order for LRV	0d		01-Jul-20 A	
LRV Fabrication, delivery & commissioining		669d	26-Jun-20 A	09-May-23	696d
OF-GCLR3-0181	Order for LRV	0d		26-Jun-20 A	
OF-GCLR3-0180	Fabricate, deliver and commission LRV - Summary	505d	29-Jun-20 A	24-Feb-23	743d
OF-GCLR3-0182	GoldLinQ to Approve LRV delivery and commissioning under Rail Safety Accreditation	10d	11-Jul-22	22-Jul-22	248d
OF-GCLR3-0190	Deliver LRV 19 to Depot 25-Aug-22	0d		25-Aug-22*	224d
OF-GCLR3-0192	Deliver LRV 20 to Depot 26-Aug-22	0d		26-Aug-22*	1293d
OF-GCLR3-0191	BT Commission LRV 19 Ready to Handover to O&M	49d	29-Aug-22	04-Nov-22	521d
OF-GCLR3-0193	BT Commission LRV 20 Ready to Handover to O&M	64d	29-Aug-22	25-Nov-22	506d
OF-GCLR3-0202	Temporary Storage of LRV Until Depot Ready	166d	29-Aug-22	09-May-23	651d
OF-GCLR3-0210	Deliver LRV 21 to Depot 18-Oct-22	0d		18-Oct-22*	491d
OF-GCLR3-0211	BT Commission LRV 21 Ready to Handover to O&M	43d	19-Oct-22	16-Dec-22	491d
OF-GCLR3-0212	Deliver LRV 22 to Depot 19-Oct-22	0d		19-Oct-22*	486d
OF-GCLR3-0213	BT Commission LRV 22 Ready to Handover to O&M	47d	20-Oct-22	23-Dec-22	486d
OF-GCLR3-0300	Deliver LRV 23 to Depot 14-Nov-22	0d		14-Nov-22*	480d
OF-GCLR3-0301	BT Commission LRV 23 Ready to Handover to O&M	35d	15-Nov-22	16-Jan-23	480d
TESTING & COMMISSIONING		1049d	01-Sep-20	06-Jan-25	291d
OF-GCLR3-3040	D&C Contractor (JH) - Commencent of rail infrastructure T&C under GoldlinQ Rail Safety Accreditation	0d	06-Jun-24		65d
OF-GCLR3-8086	D&C Contractor (JH) - Commencent of Energisation with OHL	0d	21-Oct-24		3d
OF-GCLR3-8106	LRV/Rolling Stock Required	0d	13-Dec-24		5d
Approval to Commence Testing & Commissioning		25d	15-Jan-24	20-Feb-24	65d
OF-GCLR3-8031	OF (GoldlinQ) review of D&C Program to determine commencement of rail infrastructure testing & commissioning :	10d	15-Jan-24	30-Jan-24	65d
OF-GCLR3-8032	D&C Contractor (JH) to submit to GoldlinQ updated SMS for rail infrastructure testing and commissioning activities.	10d	30-Jan-24	13-Feb-24	65d
OF-GCLR3-8033	OF (GoldlinQ) Provide D&C approval for commencement of rail infrastructure T&C under GoldlinQ Rail Safety Acc	5d	13-Feb-24	20-Feb-24	65d
Stage 3 OHL Energisation		147d	07-May-24	29-Nov-24	15d
OF-GCLR3-8035	D&C Contractor (JH) to submit MOC for OHL energisation.	5d	07-May-24	13-May-24	58d
OF-GCLR3-8036	D&C Contractor (JH) to submit to GoldlinQ updated SMS.	5d	14-May-24	20-May-24	58d
OF-GCLR3-8037	D&C Contractor (JH) to submit updated System Safety Assurance Report and Hazard Log to GoldlinQ.	5d	21-May-24	27-May-24	58d
OF-GCLR3-8039	O&M Contractor to submit MOC for OHL operations and maintenance (following electrical connection of Stage 1 ar	5d	21-May-24	27-May-24	58d
OF-GCLR3-8038	OF (GoldlinQ) to provide D&C Contractor (JH) approval for OHL energisation under GoldlinQ rail safety accreditati	5d	28-May-24	03-Jun-24	58d
OF-GCLR3-8041	OF (GoldlinQ) to provide approval to O&M contractor for Stage 3 OHL operations & maintenance under OF rail sa	5d	28-May-24	03-Jun-24	58d



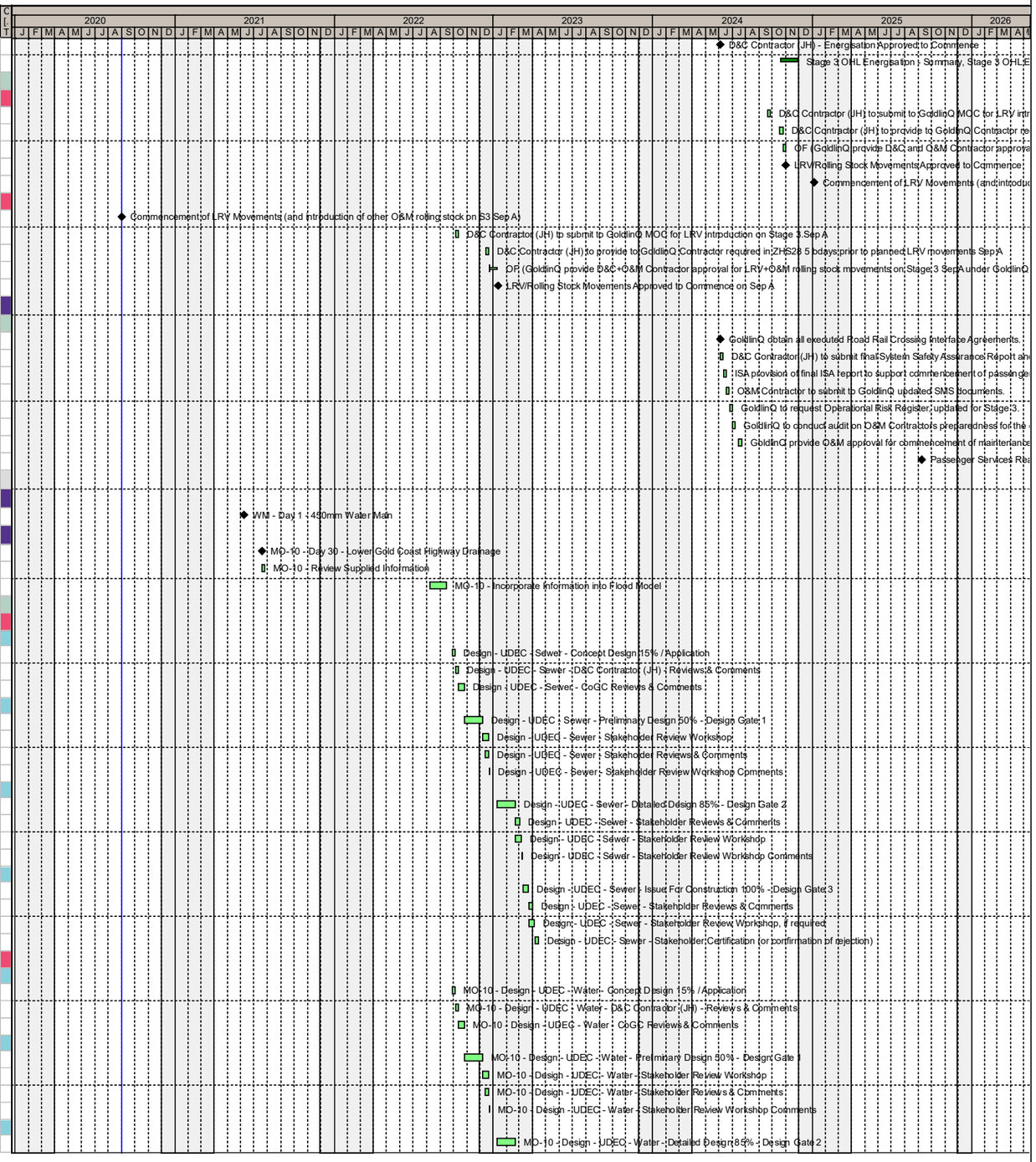
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
OF-GCLR3-3010	D&C Contractor (JH) - Energisation Approved to Commence	0d	04-Jun-24		58d
OF-GCLR3-8034	Stage 3 OHL Energisation - Summary	30d	21-Oct-24	29-Nov-24	15d
Commencement of LRV Movements (and introduction of other O&M rolling stock on Stage 3)		1049d	01-Sep-20	06-Jan-25	291d
Commencement of LRV Movements (and introduction of other O&M rolling stock on S3 - Main Alignment)		65d	20-Sep-24	06-Jan-25	291d
OF-GCLR3-8043	D&C Contractor (JH) to submit to GoldlinQ MOC for LRV introduction on Stage 3.	5d	20-Sep-24	26-Sep-24	9d
OF-GCLR3-8046	D&C Contractor (JH) to provide to GoldlinQ Contractor required in ZHS28 5 business days prior to planned LRV m	5d	18-Oct-24	25-Oct-24	5d
OF-GCLR3-8047	OF (GoldlinQ provide D&C and O&M Contractor approval for LRV & O&M rolling stock movements on Stage 3 und	5d	25-Oct-24	01-Nov-24	5d
OF-GCLR3-3020	LRV/Rolling Stock Movements Approved to Commence	0d	01-Nov-24		5d
OF-GCLR3-8042	Commencement of LRV Movements (and introduction of other O&M rolling stock on S3)	0d	06-Jan-25		291d
Commencement of LRV Movements (and introduction of other O&M rolling stock on S3 - Sep A)		565d	01-Sep-20	11-Jan-23	775d
OF-GCLR3-8062	Commencement of LRV Movements (and introduction of other O&M rolling stock on S3 Sep A)	0d	01-Sep-20		1340d
OF-GCLR3-8063	D&C Contractor (JH) to submit to GoldlinQ MOC for LRV introduction on Stage 3.Sep A	5d	07-Oct-22	13-Oct-22	178d
OF-GCLR3-8093	D&C Contractor (JH) to provide to GoldlinQ Contractor required in ZHS28 5 bdays prior to planned LRV movemer	5d	14-Dec-22	20-Dec-22	178d
OF-GCLR3-8103	OF (GoldlinQ provide D&C+O&M Contractor approval for LRV+O&M rolling stock movements on Stage 3 SepA un	5d	21-Dec-22	10-Jan-23	178d
OF-GCLR3-3021	LRV/Rolling Stock Movements Approved to Commence on Sep A	0d	11-Jan-23		178d
COMPLETION AND HANDOVER TO OPERATIONS		313d	03-Jun-24	09-Sep-25	120d
Commencement of Passenger Services on Stage 3		313d	03-Jun-24	09-Sep-25	120d
OF-GCLR3-8049	GoldlinQ obtain all executed Road Rail Crossing Interface Agreements.	0d		03-Jun-24	398d
OF-GCLR3-8050	D&C Contractor (JH) to submit final System Safety Assurance Report and Hazard Log to GoldlinQ.	5d	04-Jun-24	10-Jun-24	398d
OF-GCLR3-8051	ISA provision of final ISA report to support commencement of passenger services.	5d	11-Jun-24	17-Jun-24	398d
OF-GCLR3-8052	O&M Contractor to submit to GoldlinQ updated SMS documents.	5d	18-Jun-24	24-Jun-24	398d
OF-GCLR3-8054	GoldlinQ to request Operational Risk Register, updated for Stage 3.	5d	25-Jun-24	01-Jul-24	398d
OF-GCLR3-8055	GoldlinQ to conduct audit on O&M Contractors preparedness for the commencement of passenger services on St	5d	02-Jul-24	08-Jul-24	398d
OF-GCLR3-8056	GoldlinQ provide O&M approval for commencement of maintenance and passengers services on Stage 3 under G	5d	16-Jul-24	22-Jul-24	398d
OF-GCLR3-8066	Passenger Services Ready to Commence	0d		09-Sep-25	120d
MANDATORY TENDER OPTIONS (MTO)		729d	07-Jun-21	04-Jun-24	410d
450mm Water Main		0d	07-Jun-21	07-Jun-21	50d
MO-WT-1000	WM - Day 1 - 450mm Water Main	0d		07-Jun-21	50d
Mandatory Option 10 - Lower Gold Coast Highway Drainage		517d	19-Jul-21	31-Aug-23	292d
MO10-1000	MO-10 - Day 30 - Lower Gold Coast Highway Drainage	0d		19-Jul-21	49d
MO10-1020	MO-10 - Review Supplied Information	5d	20-Jul-21	26-Jul-21	571d
MO10-3460	MO-10 - Incorporate Information into Flood Model	28d	08-Aug-22	15-Sep-22	320d
Design Group-6		129d	28-Sep-22	14-Apr-23	320d
Sewer DP#7 (Zone 2D)		129d	28-Sep-22	14-Apr-23	320d
Design Development Concept (15%) / Application		20d	28-Sep-22	26-Oct-22	320d
MO10-SV-SW-7000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	28-Sep-22	05-Oct-22	320d
MO10-SV-SW-7020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	06-Oct-22	12-Oct-22	320d
MO10-SV-SW-7040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	13-Oct-22	26-Oct-22	320d
Design Development Gate 1 (50%)		42d	27-Oct-22	23-Dec-22	320d
MO10-SV-SW-7060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	27-Oct-22	07-Dec-22	320d
MO10-SV-SW-7100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	08-Dec-22	21-Dec-22	320d
MO10-SV-SW-7080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	13-Dec-22	21-Dec-22	320d
MO10-SV-SW-7120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	22-Dec-22	23-Dec-22	320d
Design Development Gate 2 (85%)		42d	09-Jan-23	08-Mar-23	320d
MO10-SV-SW-7140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	09-Jan-23	20-Feb-23	320d
MO10-SV-SW-7160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	21-Feb-23	01-Mar-23	323d
MO10-SV-SW-7180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	21-Feb-23	06-Mar-23	320d
MO10-SV-SW-7200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	07-Mar-23	08-Mar-23	320d
AFC Design Gate 3 (100%)		25d	09-Mar-23	14-Apr-23	320d
MO10-SV-SW-7220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	09-Mar-23	22-Mar-23	320d
MO10-SV-SW-7240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	23-Mar-23	31-Mar-23	323d
MO10-SV-SW-7260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	23-Mar-23	05-Apr-23	320d
MO10-SV-SW-7280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	06-Apr-23	14-Apr-23	320d
Water DP#11 (Zone 2D)		129d	28-Sep-22	14-Apr-23	320d
Design Development Concept (15%) / Application		20d	28-Sep-22	26-Oct-22	320d
MO10-SV-WT-9000	MO-10 - Design - UDEC - Water - Concept Design 15% / Application	5d	28-Sep-22	05-Oct-22	320d
MO10-SV-WT-9020	MO-10 - Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	06-Oct-22	12-Oct-22	320d
MO10-SV-WT-9040	MO-10 - Design - UDEC - Water - CoGC Reviews & Comments	10d	13-Oct-22	26-Oct-22	320d
Design Development Gate 1 (50%)		42d	27-Oct-22	23-Dec-22	320d
MO10-SV-WT-9060	MO-10 - Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	27-Oct-22	07-Dec-22	320d
MO10-SV-WT-9100	MO-10 - Design - UDEC - Water - Stakeholder Review Workshop	10d	08-Dec-22	21-Dec-22	320d
MO10-SV-WT-9080	MO-10 - Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Dec-22	21-Dec-22	320d
MO10-SV-WT-9120	MO-10 - Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	22-Dec-22	23-Dec-22	320d
Design Development Gate 2 (85%)		42d	09-Jan-23	08-Mar-23	320d
MO10-SV-WT-9140	MO-10 - Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	09-Jan-23	20-Feb-23	320d



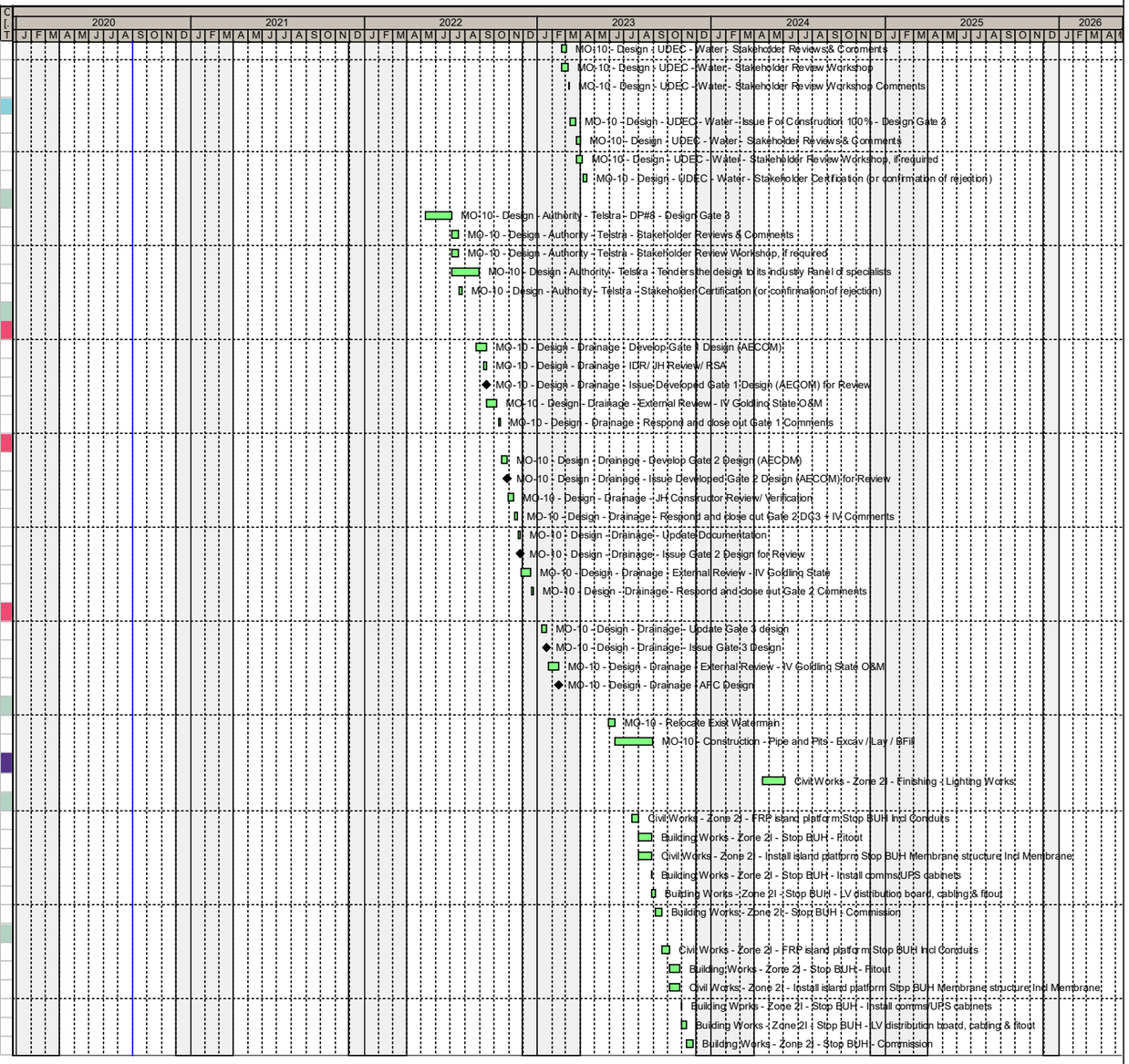
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	C L T
MO10-SV-WT-9160	MO-10 - Design - UDEC - Water - Stakeholder Reviews & Comments	7d	21-Feb-23	01-Mar-23	323d	
MO10-SV-WT-9180	MO-10 - Design - UDEC - Water - Stakeholder Review Workshop	10d	21-Feb-23	06-Mar-23	320d	
MO10-SV-WT-9200	MO-10 - Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	07-Mar-23	08-Mar-23	320d	
AFC Design Gate 3 (100%)		25d	09-Mar-23	14-Apr-23	320d	
MO10-SV-WT-9220	MO-10 - Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	09-Mar-23	22-Mar-23	320d	
MO10-SV-WT-9240	MO-10 - Design - UDEC - Water - Stakeholder Reviews & Comments	7d	23-Mar-23	31-Mar-23	323d	
MO10-SV-WT-9260	MO-10 - Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	23-Mar-23	05-Apr-23	320d	
MO10-SV-WT-9280	MO-10 - Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	06-Apr-23	14-Apr-23	320d	
Telstra DP#8 - Design Gate 3 - (2D - Integration / Spaceproofing)		80d	10-May-22	30-Aug-22	469d	
MO10-SV-TLS-8000	MO-10 - Design - Authority - Telstra - DP#8 - Design Gate 3	40d	10-May-22	04-Jul-22	469d	
MO10-SV-TLS-8020	MO-10 - Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	05-Jul-22	18-Jul-22	494d	
MO10-SV-TLS-8040	MO-10 - Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	05-Jul-22	18-Jul-22	494d	
MO10-SV-TLS-8080	MO-10 - Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	05-Jul-22	30-Aug-22	469d	
MO10-SV-TLS-8060	MO-10 - Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	19-Jul-22	25-Jul-22	494d	
Stormwater Drainage Design		110d	25-Aug-22	13-Feb-23	373d	
Design Development Gate 1		35d	25-Aug-22	14-Oct-22	320d	
MO10-DR-1000	MO-10 - Design - Drainage - Develop Gate 1 Design (AECOM)	15d	25-Aug-22	15-Sep-22	320d	
MO10-DR-1020	MO-10 - Design - Drainage - IDR/ JH Review/ RSA	5d	09-Sep-22	15-Sep-22	320d	
MO10-DR-1040	MO-10 - Design - Drainage - Issue Developed Gate 1 Design (AECOM) for Review	0d		15-Sep-22	320d	
MO10-DR-1060	MO-10 - Design - Drainage - External Review - IV Goldlinq State O&M	15d	16-Sep-22	07-Oct-22	320d	
MO10-DR-1080	MO-10 - Design - Drainage - Respond and close out Gate 1 Comments	5d	10-Oct-22	14-Oct-22	320d	
Design Development Gate 2		50d	17-Oct-22	23-Dec-22	320d	
MO10-DR-1100	MO-10 - Design - Drainage - Develop Gate 2 Design (AECOM)	10d	17-Oct-22	28-Oct-22	320d	
MO10-DR-1120	MO-10 - Design - Drainage - Issue Developed Gate 2 Design (AECOM) for Review	0d		28-Oct-22	320d	
MO10-DR-1140	MO-10 - Design - Drainage - JH Constructor Review/ Verification	10d	31-Oct-22	11-Nov-22	320d	
MO10-DR-1160	MO-10 - Design - Drainage - Respond and close out Gate 2 DC3 + IV Comments	5d	14-Nov-22	18-Nov-22	320d	
MO10-DR-1180	MO-10 - Design - Drainage - Update Documentation	5d	21-Nov-22	25-Nov-22	320d	
MO10-DR-1200	MO-10 - Design - Drainage - Issue Gate 2 Design for Review	0d		25-Nov-22	320d	
MO10-DR-1220	MO-10 - Design - Drainage - External Review - IV Goldlinq State	15d	28-Nov-22	16-Dec-22	320d	
MO10-DR-1240	MO-10 - Design - Drainage - Respond and close out Gate 2 Comments	5d	19-Dec-22	23-Dec-22	320d	
AFC Design Gate 3		25d	09-Jan-23	13-Feb-23	373d	
MO10-DR-1260	MO-10 - Design - Drainage - Update Gate 3 design	10d	09-Jan-23	20-Jan-23	373d	
MO10-DR-1280	MO-10 - Design - Drainage - Issue Gate 3 Design	0d		20-Jan-23	373d	
MO10-DR-1300	MO-10 - Design - Drainage - External Review - IV Goldlinq State O&M	15d	23-Jan-23	13-Feb-23	373d	
MO10-DR-1320	MO-10 - Design - Drainage - AFC Design	0d		13-Feb-23	373d	
Construction		67d	29-May-23	31-Aug-23	292d	
MO10-CW-1040	MO-10 - Relocate Exist Watermain	11d	29-May-23	13-Jun-23	292d	
MO10-CW-1020	MO-10 - Construction - Pipe and Pits - Excav / Lay / BFill	56d	13-Jun-23	31-Aug-23	292d	
Tender Option - Burleigh Heads Station Precinct		213d	18-Jul-23	04-Jun-24	410d	
MO-2I-CW-5060	Civil Works - Zone 2I - Finishing - Lighting Works	30d	18-Apr-24	04-Jun-24	369d	
Southbound Traffic Side		40d	18-Jul-23	19-Sep-23	226d	
MOs-2I-CW-1680	Civil Works - Zone 2I - FRP island platform Stop BUH Incl Conduits	10d	18-Jul-23	01-Aug-23	76d	
MOs-2I-BW-2040	Building Works - Zone 2I - Stop BUH - Fitout	15d	01-Aug-23	28-Aug-23	231d	
MOs-2I-CW-1900	Civil Works - Zone 2I - Install island platform Stop BUH Membrane structure Incl Membrane	15d	01-Aug-23	28-Aug-23	76d	
MOs-2I-BW-2060	Building Works - Zone 2I - Stop BUH - Install comms/UPS cabinets	1d	28-Aug-23	29-Aug-23	230d	
MOs-2I-BW-2080	Building Works - Zone 2I - Stop BUH - LV distribution board, cabling & fitout	5d	28-Aug-23	05-Sep-23	226d	
MOs-2I-BW-1100	Building Works - Zone 2I - Stop BUH - Commission	10d	05-Sep-23	19-Sep-23	226d	
Northbound Traffic Side		40d	20-Sep-23	23-Nov-23	186d	
MOn-2I-CW-1680	Civil Works - Zone 2I - FRP island platform Stop BUH Incl Conduits	10d	20-Sep-23	06-Oct-23	67d	
MOn-2I-BW-2040	Building Works - Zone 2I - Stop BUH - Fitout	15d	06-Oct-23	27-Oct-23	191d	
MOn-2I-CW-1900	Civil Works - Zone 2I - Install island platform Stop BUH Membrane structure Incl Membrane	15d	06-Oct-23	27-Oct-23	67d	
MOn-2I-BW-2060	Building Works - Zone 2I - Stop BUH - Install comms/UPS cabinets	1d	30-Oct-23	31-Oct-23	190d	
MOn-2I-BW-2080	Building Works - Zone 2I - Stop BUH - LV distribution board, cabling & fitout	5d	30-Oct-23	09-Nov-23	186d	
MOn-2I-BW-1100	Building Works - Zone 2I - Stop BUH - Commission	10d	09-Nov-23	23-Nov-23	186d	



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-021
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JOHN HOLLAND

Impact Assessment of BPIC on Gold Coast Light Rail 3 - Order of Magnitude Assumptions

Background

1. John Holland is currently engaged in an impact assessment relating to the introduction of the Best Practice Industry Conditions (**BPIC**) to the Gold Coast Light Rail Stage 3 Project.
2. As part of this process, John Holland offered to provide an interim non-binding "order of magnitude" assessment of the BPIC (**OoM Impact Assessment**) impact to GoldlinQ.
3. GoldlinQ initially confirmed that it did not wish to receive the OoM Impact Assessment but did request that John Holland provide details of assumptions that John Holland would use if it was to undertake and provide an OoM Impact Assessment.
4. The State has since requested that the OoM Impact Assessment be provided by John Holland by 8 September 2021.
5. This document addresses point 3 above.

OoM Assumptions

6. The attached table outlines the draft OoM Impact Assessment assumptions.
7. Please note that these assumptions are in draft, are non-binding, subject to change and were developed in the context of providing a potential OoM Impact Assessment to GoldlinQ.
8. Other key assumptions which should be noted, in the context of an OoM Impact Assessment, include:
    - Impacts are with reference to the BPIC as issued to John Holland via RFC5781 in the Ansarada Dataroom.
    - The assumptions exclude any impacts of potential temperature and humidity policy. The inclusion or exclusion of this policy remains the subject of ongoing discussions.
    - The assumptions have not been informed by the subcontract market. Responses from the market are not expected until 20 September 2021.
    - Drafting in respect of how the BPIC will be reflected in the D&C Contract has not yet been provided by the State.
    - Price and program impacts of Non-contestable works undertaken directly through utility providers have not been considered in these assumptions.
    - The assumptions are based on potential BPIC application to the GLCR3 on-site works, with a view that some off-site supply and delivery of materials pricing may also be impacted, as well as potential impacts to professional services such as survey and geotechnical testing, noting that these latter categories are currently excluded by the GCLR3 BPIC document. This is still the subject of ongoing discussion.
    - The assumptions do not include for any impacts associated with the Prequalified Certification (PQC) System or Enhanced Compliance proposed under the enhancement of the Buy Queensland procurement approach currently under consultation by the Department of Public Works and Procurement.
    - John Holland as a Code covered entity under the Code for the Tendering and Performance of Building Work 2016 (Building Code 2016) notes that, consistent with the Best Practice Principles, where Building Code 2016 obligations apply, these take precedence over any tendering or contractual requirement.

We welcome the opportunity to discuss the attached with the State and GoldlinQ including how these assumptions were developed and our experience in the delivery of similar projects under similar conditions interstate and other potential impacts of the introduction of BPIC.

BPIC Impact Assessment OoM Modelling Data (Extra-over to Baseline)

Ref #	Parameter	Unit of Measure	Potential Lower Bound	Potential Upper Bound	OoM Model Assumption	Comments / Supporting Assumptions
Cost						
1	**Labour**					JH EA vs GCLR3 BPIC - Base Rates - Overtime Provisions - Allowances - Classifications - Contributions / Levies - 5% Productivity / Inefficiency Factor
1.1	Dayshift - Gang Rate	$ / hr	35%	65%	**73.6%**	
1.2	Nightshift - Gang Rate	$ / hr	45%	85%		
2	**Plant**					Wet Hire Plant - Labour component of hire rate, assumed to be 90% of the equivalent JH CW rate, extracted from the hire rate (circa 30-70% of the hire rate) - Labour rate component increased by extra-over rate calculated under Item 1 - Uplifted labour rate added back into hire rate * Extended durations for Dry Hire plant not included
2.1	Dry Hire*	$ / hr, wk, month	0%	5%	**12.1%**	
2.2	Wet Hire	$ / hr, wk, month	15%	30%		
3	**Materials Supply**					Suppliers with significant site interaction identified: - Quarry materials - Concrete Supply - RCP - Reinforcing Steel Potential Indirect Impacts: - Delivery driver wages - Payment mechanism (e.g. hrly hire vs tonnage) - Extended wait times / site access delays
3.1	With Site Interaction	Sup. Price	3%	7%	**3.3%**	
3.2	Without Site Interaction	Sup. Price	Nil Impact	Nil Impact		
4	**Subcontractors (S/C)**					Site Based Works: - Labour rate component of S/C value * Top 10 S/C by value: 23% * Traffic & Vac Truck: 90% * All others: 20% - Labour rate component increased by extra-over rate calculated under Item 1 - Uplifted labour rate added back into S/C value
4.1	Site Based Works	S/C Price	15%	30%	**21.8%**	
4.2	Non-Site Based Works	S/C Price	Nil Impact	Nil Impact		
5	**Other Costs**					
5.1	Indirect Discrete Impacts	DJC	15%	30%	**23.4%**	Indirect Discrete Impacts - Staffing (5 x FTEs, 10% Project Allowance) - Workforce (4 x FTEs) - 5% productivity loss - Non-productive time (Training, AOD)
5.2	Time / Recurring	DJC	Tender %'s maintained			
5.3	CV Related	DJC	Tender %'s maintained			
Time						
6	**Non-Working Days** **(Excl's Contractors Contingency)**	Days / Year	**23**	**70**	**23**	
6.1	Roster	Days / Week	0	0.5	0	
6.2	RDOs					
6.2.1	Fixed (13 days / yr)	Days / Year	0	1	0	
6.2.2	Flexible (13 days / yr)	Days / Year	6	13	6	Maintained / No Change - 5.5 day working week - 12 Fixed RDOs Additional Allowances - 6 Flexible RDOs - 5 days / yr delay - 5% disruption factor - Contractor's contingency based on SRA
6.3	Weather					
6.3.1	Wet Weather	Days / Year	0	10	Not Assessed Excluded from OoM	
6.3.2	Heat Policy	Days / Year	0	10	Not Assessed Excluded from OoM	
6.4	Industrial					
6.4.1	Delay	Days / Year	5	12	5	
6.4.2	Disruption	Days / Year	12	24	12	
7	**Contractor's Contingency**	Days	**5**	**35**	**9**	

Notes

- These OoM impact parameters and their associated input values are assumptions only. All parameters and values are subject to change in the final submission based on RFQ responses, benchmarking, industry norms, first principles calculations and Corporate reviews and approvals.
- Items identified in the Comments / Supporting Assumptions column are not considered definitive and are also subject to change in the final submission.

BPIC IMPACT ASSESSMENT (Exc - Rates and Allowances)						
GCLR BPIC Provision	**JH Civil Agreement Provision**	**Modern Award Provision**	**Transport BPIC**	**Comment**	**BPIC IMPACT TYPE**	**Example**
Clause 7.9 – Apprentice Training Requirement for 1 apprentice, per 7 tradespersons.	NA	NA	As per GCLR BPIC.	We should assess impact of compliance with this ratio.	Cost	Increased costs associated with the GTO training providers on projects.
Clause 9 – Asbestos and Silica Dust awareness Training Within three months of the commencement of this Document, it will schedule training (for each employee covered by this Document) in nationally accredited asbestos and silica dust awareness training courses Further, the Employer agrees that it will, within three months of each new Employee commencing employment, ensure that the Employee successfully completes the abovementioned training course.	NA – no such training requirements.	NA	As per GCLR BPIC	Increased training cost (ongoing cost for trainer as new starters commence).	Cost	Additional time and cost of increased training requirements.
Clause 13 – RDOs Clause requires 26 RDO to be taken in a calendar year. Weekends prior to the RDO are also 'non-work days'. 'Up to five (5) RDOs may be accrued under normal industry flexibilities. Accrued RDOs will be taken in the calendar year they were due'. Penalty payments for working a scheduled RDO: 'Saturday rates of pay, in accordance with the award in addition to the loadings listed above, employees will be provided a day in lieu for each RDO that they are required to work'.	*Clause 25 – RDOs* Complete flexibility to schedule RDOs or have employees accrue and pay out at the end of the project.	NA	As per GCLR BPIC	Will impact program and cost.	Cost and Lost Time	JH experience from operating in Victoria (and Building projects in Qld) is that there is little flexibility afforded to move or work RDOs.
Clause 19 – Union Representatives and Delegates Allows union delegates reasonable paid time to represent the interests of employees.	*Clause 50 – Workplace Representation* Similar to BPIC, but AWU only EA.	NA	As per GCLR BPIC	If the BPIC is signed with all unions, there will likely be nominated delegates from all the unions. The JH EA would only likely result in one delegate. Increased delegates will inevitably lead to greater lost time and it would be expected that the time spent conducting delegate business will be increased.	Increased Consultation (Lost Time)	Based on experience from recent building projects, JH have a greater number of delegates (each union represented) and additional HSRs.
Clause 21 – Union Delegate Facilities	NA – no detailed provision or requirement to provide any facilities. JH would not	NA	As per GCLR BPIC	Cost impacts associated with setting up area and facilities.		JH does not currently have the requirement to provide these facilities.

Requirement to provide private lockable area and specific facilities provided in clause.	typically provide facilities on a civil project.				Cost	Expectation will be that the project have increased number of delegates and HSRs
Clause 24 – compliance with this Document Requirement to conduct an annual audit for compliance with the document by an agreed chartered accountant. There is also the requirement to conduct additional audits if an issue is raised.	NA	NA	As per GCLR BPIC	Should factor in the cost of at least 2 audits annually.	Cost	
Appendix D – Impairment Policy Detailed drug and alcohol policy with requirement for blanket alcohol testing and the union position being that this testing can only be done by an independent provider.	NA	NA	As per GCLR BPIC	Cost and time impacts implementing the D&A policy, specifically the increased time and cost associated with blanket alcohol testing by an authorised provider and dedicated facility to conduct the testing. Additional requirement to have sufficient self-test facilities for up to 10% of the workforce.	Cost and Lost Time	Based on previous experience in the building sector (where this procedure is well established), the process for alcohol testing (blanket testing) has become unworkable to the point most builders will now avoid testing where able (non Code projects). Considerable losses in time and productivity due to delayed testing processes and requirements (rooms and access etc). Increased costs associated with additional testing providers in circumstances where trying to limit productivity impacts.
Heat Policy GCLR BPIC is silent on heat policy, but union position re application is clear.	NA.	NA	*Clause 7 – Hot weather Guidelines* 35 degree / 29 degree and 75% humidity cease work	Based on the Transport BPIC and union position re GCLR, we must consider heat policy applying in the impact assessment.	Increased Consultation (Lost Time)	The Cairns Convention Centre EA is silent on heat policy. JH is aware that the heat policy has been implemented through the WHS committee and operates consistently with the proposed wording in the Transport BPIC.
PPE GCLR BPIC silent on PPE. Award provisions should apply.	*Clause 43 – PPE* 4 pants and shirts, boots annually.	*Clause 21.1 – Tools an PPE* Requirement to provide initial issue and as required on fair wear and tear basis. No set number.	*Part B – Clause 1 – PPE* 6 pants and shirts, boots annually.	I don't think that this was a deliberate omission, impact should be based on Transport BPIC.	Cost	JH is aware that in the absence of an express provision in the GCLR BPIC, the union expectation is that the Transport BPIC provisions will apply.
Leave GCLR BPIC is silent on all leave types.	JH EA is standard leave provisions consistent with the FW Act and	Consistent with JH EA.	Transport BPOIC includes the following that is over and above JH and Award provisions: - 12 days personal leave (sick leave). - Paid Family Violence Leave (10 days).	Suggest we adopt leave provisions as per the Transport BPIC as the likely union position.	Cost	JH is aware that in the absence of an express provision in the GCLR BPIC, the union expectation is that the Transport BPIC provisions will apply.
Health and Safety dispute Processes and Representatives GCLR BPIC is silent on health and safety requirements.	JH EA contains standard WHS clauses consistent with requirements of the WHS Act.	NA	Transport BPIC includes proscriptive process for dealing with any dispute (over and above JH EA requirements). This will impact productivity. For example: - Increased rights to inspect and consult regarding an issue (Part B – Clause 5.3).	As above, need to assess impact on basis of Transport BPIC requirements.		Based on experience from recent building projects, this has resulted in additional HSR resources than are typically expected on a civil project. Based on our experience on building projects (subject to this clause), there has been increased HSR meetings and

			- Allows a representative (union official) to commence issue process (clause 5.4) - Requirement to meet as soon as an issue is raised (clause 5.5) - Requirement to provide resolution in writing for every issue (increased safety resources required (clause 5.7).		Increased Consultation (Lost Time)	consultation under these provisions. It has also brought about greater levels of protracted disputation that has impacted productivity levels.

Commercial-in-Confidence & Without Prejudice September 2021
This document is provided to GoldlinQ & John Holland for the purposes of the GCLR Stage 3 procurement process. It is subject to existing confidentiality obligations and is not to be shared with third-parties or used for any other purpose.

State response to Gold Coast Light Rail Stage 3 BPIC Order of Magnitude Submission

Overview

The following questions have been raised in response to the JH Submission of 3 September 2021 containing the Order of Magnitude (OoM) Impact Assessment relating to the introduction of the Best Practice Industry Conditions (BPIC) to the Gold Coast Light Rail Stage 3 Project. The submission was in response to the BPIC as issued to GoldlinQ and John Holland via RFC5781 in the Ansarada Dataroom.

The State acknowledges the JH offer to discuss the submission including how these assumptions were developed and their subsequent impact on the base offer and provide the following questions to be addressed.

Whilst it is acknowledged that the Independent Estimator will undertake a role that explores with GoldlinQ and JH the detailed explanations used to inform the impacts of BPIC, it is imperative in the short timeframe available that further information is supplied by JH to the State in a prompt manner to assist in determining the appropriateness or otherwise of the impact assessment.

Questions and additional information required

1. The Order of Magnitude (OoM) Impact Assessment has been provided in a breakdown of the following parameters, Labour, Plant, Material, Subcontractor, Other. Please provide a further break down of the assumed OoM value by the sub-elements outlined on page 2 of the OoM Assumptions table.

Labour:

Dayshift						
Classification	Tender		GCLR3 BPIC	OoM Impact		
	$ / hr	Hours	$ / hr	$ / hr	% / hr	$
CW2	54.07	156,828	86.30	32.23	60%	5,054,696
CW3	56.05	248,009	95.35	39.31	70%	9,746,756
CW4	58.30	114,680	98.62	40.32	69%	4,623,973
CW5	60.74	32,524	97.80	37.06	61%	1,205,424
CW6	62.85	11,788	101.88	39.03	62%	460,433
Total / Avg		563,829		37.59	64%	21,091,282

Nightshift						
Classification	Tender		GCLR3 BPIC	OoM Impact		
	$ / hr	Hours	$ / hr	$ / hr	% / hr	$
CW2	66.27	55,676	137.11	70.84	107%	3,944,229
CW3	68.77	34,286	149.08	80.31	117%	2,753,462
CW4	71.53	21,990	154.56	83.03	116%	1,825,774
CW5	74.65	0	156.50	81.85	110%	0
CW6	76.44	12,860	163.33	86.89	114%	1,117,433
Total / Avg		124,812		80.58	113%	9,640,898

Notes:
i. Maintain working hours, crew ratios (e.g. first aid) with an additional 0.5 hours lost time each day (2.75 hr / wk) and increased L/H ratios.
ii. Assumes all classifications are stepped up one level e.g. CW2 becomes CW3 to reflect difference in classification tables.
iii. Reflects changes in allowance rates & types (flat vs all-purpose); additional allowances; changes in overtime meal allowances; and other oncost changes (levies, redundancy, income protection etc).
iv. Lower bounds reflect the approximate % increase in the base rate only (no other changes in conditions).
v. Upper bounds reflect the average % increases calculated plus the inclusion of a modest provision on top.

Plant:

Type	Average Labour Component of Hire Rate	Average Labour Component Rate Increase	% of Plant Assumed to be Impacted
Dry Hire	No impact included in OoM		
Wet Hire	42%	57%	100.0%

Wet Hire Plant Subcategory	Tender Value $	Assumed Labour Component $	Assumed Labour Component Rate Increase	OoM Impact	
				$	%
Trucking	4,076,782	1,958,074	57%	1,116,102	31.5%
Cranage	1,682,602	539,780	57%	307,675	21.0%
Earthmoving	8,270,419	3,393,321	57%	1,934,193	26.9%
Concrete Pump	508,860	153,655	57%	87,583	19.8%
Total / Avg	14,538,663	6,044,830	57%	3,445,553	27.3%

Notes:
i. Whilst an upper bound of 5% for dry hire plant was included in the OoM assumptions (reflecting the assumed 5% increase in lost time and corresponding increase in hire duration), this was not included in the OoM Impact Assessment calculation.
ii. Lower and upper bounds for wet hire plant reflect arbitrary bookends based on the detailed OoM calculations when expressed as a percentage of the wet hire plant only (as opposed to the 12.1% which is expressed as a percentage of dry & wet hire plant in the OoM).

Materials Supply:

Package	Tender Value $	Assumed Labour Component of Package	Assumed Labour Component Rate Increase	OoM Impact	
				$	%
Quarry Materials	3,265,982	27.7%	57%	610,207	19%
Concrete	12,557,580	12.5%	57%	1,231,035	10%
RCP	1,497,423	2.4%	57%	58,432	4%
Reinforcing Steel	2,575,639	1.0%	57%	79,439	3%
Total / Avg	19,896,624			1,979,113	10%

Notes:
i. Four supply packages identified as having significant site interaction (i.e. repetitive deliveries to site throughout the project duration).
ii. Whilst impacts being considered include increased driver wages; changes to payment mechanisms (e.g. hourly hire vs tonnage rates); and increased wait times, the increased wages impact was the only element modelled (for simplicity of the OoM calculations).
iii. Lower and upper bounds for materials supply reflect arbitrary bookends based on the OoM calculations when expressed as a percentage of all material supply packages (as opposed to being expressed as a percentage of the individual package).

Subcontract:

Refer to JH's Question 5 response provided below.

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Other Costs:

Category	Cost Elements	% of DJC
Mobilisation Cost	Project fees & premiums; personnel mobilisation; establishment of site facilities, equipment & tools and plant.	3.10%
Running Cost	Running staff, training, travel, AOD testing, store personnel, unproductive labour (e.g. peggies), survey, project buildings, utilities, facilities, communications and ICT, site vehicles, balance of plant, HSEQ allowance.	30.92%
Demobilisation Cost	Demobilisation of site facilities and plant.	1.00%
Other Cost	Fixed time delay allowance, escalation, design fees, budget uncertainty, R&O, SRA, BU levy.	20.83%

Notes:

i. The direct job costs (labour, plant, materials & subcontracts) were updated as outlined above and then the estimate was "re-run" and the Tender derived indirect job costs percentages as outlined above were applied for the purposes of calculating the OoM.
ii. To validate the value calculated, an analysis of indirect discrete risks, specifically increased FTEs, application of a project allowance for staff, extended project duration etc as identified in the OoM Assumptions table. For clarity, the OoM Assessment did not utilise the *validation* values, it was based solely on the extrapolation of the Tender percentages above.

2. The OoM Impact Assessment does not appear to have removed the full value of Early Works which, as acknowledged in previous discussions, should not be impacted by BPIC. Please confirm that the full value (direct and indirect) costs of Early Works will not be applicable to BPIC Impacts and will be removed.

   JH Response: John Holland wishes to confirm that the Early Works do not form part of the GCLR3 BPIC Impact Assessment. In the interests of limiting time and effort, the Early Works were not carved out of the OoM Assessment. We estimate the reduction in impact once Early Works are removed to be $2-4M.

3. The assumptions for the Alstom Core Rail Systems Scope appear to be similar to other broad assumptions applied to the majority of the sub-contractors. The Alstom price negotiated by GoldlinQ includes extensive detail on the elements of design, project management, material supply, overheads and sub-contractor values that should be used to inform the assumptions on impact, if any, on the baseline price. Please confirm that the detailed estimate breakdown will be utilised for the final impact assessment.

   JH Response: John Holland confirms that for the purpose of the OoM Assessment, the Alstom Core Rail Systems package was treated the same as all other on-site subcontract packages. This was done in the interests of limiting time and effort.

   We acknowledge the State and GoldlinQ position that GCLR3 BPIC is not applicable to Alstom, however John Holland needs to carefully consider all potential time and cost risks as part of our Impact Assessment process, noting the critical nature of Alstom's works which are effectively sole-sourced. We also acknowledge the sensitivities surrounding this package and will continue consulting with all relevant parties as we assess if there is likely to be any change in the risk profile of this package. Only if deemed necessary, John Holland will request Alstom review their offer in relation to GCLR3 BPIC which would then inform our final price submission.

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4. Section 1 and Section 5 of the OoM Assumptions refer to a 5% Productivity / Inefficiency Factor and a 5% Productivity loss. Please provide further explanation on what is creating the reduced productivity and inefficiency.

   JH Response: The 5% factor included in the OoM Assessment and referred to under both the Cost (Items 1 *Labour* and 5 *Other Costs*) and Time (Item 6.4.2) sections of the OoM Assumptions table, is a nominal allowance reflecting John Holland's knowledge and experience of delivering projects in similar industrial environments, such as in Victoria and the broader building sector. In these sectors, we typically see (and factor in) an additional day per month being required to account for more prescriptive clauses such as AOD testing, consultation, dispute resolution and issue management. Numerous provisions included in the GCLR3 BPIC are akin to those found throughout the building sector but rarely in the civil sector.

   For clarity, 5% factor referred to in Items 1, 5 and 6 were utilised in the OoM Assessment as follows:

   Item 1 Labour

   - Increased the lost time by 2.75 hours per week (0.5hrs per day for 5.5 days) in the BPIC labour rate, by increasing the various CW classification hourly rates used to calculate the impact to **labour** and the **labour component** of supply and subcontract packages as outlined in our response to Question 1 above.

   Item 5 Other Costs

   - **Statement only** (i.e. not factored into any OoM calculations for other costs), simply included in the comments to help describe the perceived indirect discrete impacts to time related costs caused by the assumed 1 day per month of industrial disruption (Item 6.4.2) included in the OoM Program.

   Time

   - The working hours in the P6 **construction** calendars were reduced by 0.5 hours per day, reflecting the 5% industrial disruption factor, and included in the OoM Program.

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5. Section 4 of the OoM Assumptions – Subcontractors discusses a list of the Top 10 Subcontractors by value and applies a labour rate component. Please provide:

    a. the list of the Top 10 Sub-Contractors and the estimated value of each package

    b. the assumed labour % for each package;

    c. the percentage used for labour uplift; and

    d. what percentage of the total subcontractor amount these packages represent?

    Refer to table below

Subcontract Package	Tender Value $	Assumed Labour Component of Package	Assumed Labour Component Rate Increase	OoM Impact		% of Total S/C Value
				$	%	
Traffic Control	32,796,617	90%	65%	20,572,247	63%	43.0%
Rail Systems Core	35,083,926	20%	57%	4,976,655	14%	10.4%
Vac Trucks	12,138,291	90%	65%	7,680,093	63%	16.0%
ITSE Subcontractor	12,745,283	20%	57%	1,807,918	14%	3.8%
Landscaping	7,283,947	30%	57%	1,458,792	20%	3.0%
Asphalt / Seal	13,670,873	12%	57%	1,300,237	10%	2.7%
TPIS & TPS	7,388,387	25%	57%	1,263,876	17%	2.6%
Track Install	6,148,404	20%	57%	872,151	14%	1.8%
Temp Signalling / Lighting	5,823,888	20%	57%	826,118	14%	1.7%
HDD - Water	4,800,250	20%	57%	680,915	14%	1.4%
Building Subcontractor	4,069,262	25%	57%	696,098	17%	1.5%
Cable, Termination & Earthing	2,634,618	20%	57%	373,721	14%	0.8%
Station Canopy	2,002,928	20%	57%	284,115	14%	0.6%
Lean Mix	1,738,240	20%	57%	246,569	14%	0.5%
Line marking	1,695,709	20%	57%	240,536	14%	0.5%
HDD - Sewer	1,194,611	20%	57%	170,902	14%	0.4%
Road Signage	1,149,823	20%	57%	164,495	14%	0.3%
Balance	23,243,917	20%	57%	4,247,613	18%	8.9%
Total	175,608,973			47,863,052	27%	100%

6. Please provide an update on the RFQ process for Subcontractors though the summary status sheet previously supplied to the State.

    JH Response: Refer to GCLR3 Impact Assessment – Potential Suppliers by Work Package issued separately.

7. Section 6 of the OoM Assumptions – Time - Industrial Delay and disruption assumes 17 days of delay on the Baseline Program. Please provide further detail to substantiate the assumptions used to inform this impact assessment on the Baseline which should have already assumed an element of Industrial Relations risk. Examples of the type of risk would assist.

   JH Response: For clarity, the 17 days (per year) referred to above consists of two components:

   i. 5 days per year for *delays*; and

   ii. 12 days per year (1 day per month) as outlined in our Question 4 response above.

   The 5 days per year is an **additional** allowance to account for *delays* to activities on the critical path such as those due to scheduling issues associated with inclement weather (i.e. concrete pours, traffic switches, asphalt works delayed due to increased consultation prior to or following a period of inclement weather) and completing works prior to or following a scheduled RDO (again increased consultation provisions can impact and lead to potential rescheduling / postponement of critical works).

   This is considered additional to the general lost time outlined in Question 4 which are incremental by nature, as opposed to discrete delays (say1-3 hours) to critical activities resulting in the activity being unable to commence or completed on the planned day.

   Please note that these allowances have only been applied to the **construction calendars**, not early works; design; or testing and commissioning activities. John Holland does not typically allow for delays of this nature in civil projects delivered in Queensland.

8. Please provide further explanation on what is driving the 5% disruption factor referred to in Section 6.4.2

   JH Response: Please refer to our Question 4 response.

9. What impact (in days) does the 5% productivity loss adjustment have on the program? Please confirm or otherwise if this is the figure represented by Section 6.4.2.

   JH Response: As outlined in our Question 4 response, with respect to time, the 5% productivity loss has been reflected by reducing the working hours in the P6 construction calendars by 0.5 hours per day. The effect of doing this is 1 day per month and corresponds to the 12 days per year noted in Section 6.4.2 of our OoM Assumptions table.

Disclaimer

The State acknowledges that JH is a code covered entity under the *Code for Tendering and Performance of Building Work 2016* (Cth) (**the Code**). The State reiterates that the Best Practice Principles and the GCLR3 BPIC are not to be implemented in a way that breaches any law and that there is nothing in the GCLR3 BPIC that requires JH to make any commitment that would breach any laws, for example the Code.

CONFIDENTIAL

Project	Gold Coast Light Rail Stage 3
Project Number	P00287
Status Date:	26-Aug-21

Exisiting Supplier

New Supplier

NA 52 - RFQ Not Applicable

P 6 - RFQ Pending issue

I 200 - RFQ Issued, Nil confirmation to date

IC 47 - RFQ Issued, Confirmed intention to respond

ID 4 - RFQ Issued, Declined to respond

IQ 10 - RFQ Issued, Quotation received

Package No.	Package Description	Imapct Assessment		Number of Suppliers																			
		Issue RFQ	Impact Category	1		2		3		4		5		6		7		8		9		10		11		12	
001	Quarry supply	Yes	Indirect	Boral Quarries	IC	Hanson Quarries	I	Nucrush	I	Holcim	I	Fulton Hogan	I												
002	Concrete supply	Yes	Indirect	Hymix	I	Hy-tec	I	Boral	IC	Nucon	I	Holcim	IC												
003	Reinforcing steel supply	Yes	Indirect	Infrabuild (Onesteel)	I	Neumanns Steel	IC																		
006	Float Hire	Yes	Direct	Peter Tippett Haulage	I	Sniffers	I																		
007	RCP supply	Yes	Indirect	RCPA	IC	Humes	IQ																		
009	Traffic barrier hire & installation	Yes	Indirect	Coateshire	I	Precast Concrete Solutions	I	Jaybro	I	Orange Hire	IC														
010	Temporary fencing hire	Yes	Direct	ATF	I	TFH	I	1300 Temp Fence	I																
011	Site shed hire	Yes	Direct	Black Diamond	I	ATCO Structures	IC	Ausco Modular	I	Coateshire	I	Vansite Hire	I												
012	Plant hire	Yes	Direct	Sniffers	I	HazellBros	I	Conplant	IQ	Baden Civil	IC	Dundrum	I	Advanced Plant Hire	I	Mainland Civil	I	Shamrock Civil	ID	Delta	I				
013	Crane hire	Yes	Direct	Manns Logan	I	Uplift	I	Gold Coast Cranes	I	Davos Crane Hire	I	Surfcity cranes	IC	AB Crane Hire	I	QLD Crane Hire & Rigging	I	Universal Cranes	IC	BSF Mobiles Cranes	IC	Lindores Construction Logistic	I	Borgers	I	Freo Group	I
014	Vac truck hire	Yes	Direct	Vac Group	I	Aquadig	I	Lees Environmental	I	1300 Locate	I	Utility Location Services	I	Pipe Management Australia	I	Patriot Tankers	IC	CleanAway	I	Dynamic Excavations	I	Pensar	I				
016	Concrete pumping hire	Yes	Direct	Meales	I	Classic Concrete Pumping	I	Large Concrete Pumping	I	Specialised Conrete Pumping	I	Pro Concrete Pumping	I	National Conrete Pumping	I	Place Corp	I										
017	Diesel supply	Yes	Indirect	West Tankers	I	Bulk Fuel Australia (BFA)	I																		
018	Labour hire	Yes	Direct	WorkPac Group	IC	Tellum	IC	The Go2 People	IC	Lindores	IC	Dowells	IC	KPI	I										
020	Traffic control	Yes	Direct	Global Road Maintenance Syst	I	Downer Traffic Control	IC	Schramm Group	IC	Lack	IC	WARP	I	Verifact	IC	Workforce	I	Dowells Traffic	I	Lindores Traffic	IC				
021	FRP - track slab / platform / retaining walls	Yes	Direct	Silverstrand Developments	IC	Hawthorne Civil	I	Kenny Constructions	I	MGT Constructions	I	FormCon	I	JWB Contracting	I	Niepe Constructions	I	Currumbin Formwork	I	Rock Town	I	IPR (Steel Fixer)	I	Statewide (Steel Fixer)	I	Reotek (Steel Fixer)	I
022	Asbestos removal / Waste removal	Yes	Direct	JJ Richards	I	Suez (Pro Skips)	I	Cleanaway	I	Corvex	I	Aztech	I												
023	Tree lopping	Yes	Direct	Powerclear	I	QLD Mulching	I	Gold Coast Tree Loppers	I	Frontier Tree Services	I	Tree Lopping Gold Coast	I												
025	Asphalt and seal	Yes	Direct	Boral Asphalt	I	Fulton Hogan	I	Austek	I	Colas	IC														
026	Road profiling	Yes	Direct	Bitu Mill	I	South East Profiling	IC	Ellis Consolidated	I	Base Course Management	I	Accurate Road Profiling	I	RPQ	I										
027	Drainage	Yes	Direct	Shamrock	ID	JRK Plumbing	I	Christopher Contracting	IC	McFadyen	I	HH Civil	I	Beavis & Bartels	IC	Axis Plumbing	I								
031	Sewer reticulation	Yes	Direct	Shamrock	ID	JRK Plumbing	I	Christopher Contracting	IC	McFadyen	I	HH Civil	I	Beavis & Bartels	IC	Axis Plumbing	I								
032	Water reticulation	Yes	Direct	Shamrock	ID	JRK Plumbing	I	Christopher Contracting	IC	McFadyen	I	HH Civil	I	Beavis & Bartels	IC	Axis Plumbing	I								
033	Kerb and channel	Yes	Direct	Qld Kerbing	I	Superior Kerb	I	Castle Slipforming	IQ	East Coast Kerbing	IQ														
034	Extruded barrier	Yes	Direct	Kerb & Co	IQ	Castle Slipforming	IQ	East Coast Kerbing	IQ																
035	Road signage & Wayfinding signage	Yes	Direct	Sign Up Roadsigns	I	Artcraft	I	DeeNeefe	I	Wood & Wood	I	Albert Smith Signs	I	Premier Sign Industries	I	Usher Group	I	Intarsign	I	Sarri Painters	I				
036	Linemarking	Yes	Direct	Allstate Linemarking	I	Global Line Marking Services	I	Global Road Maintenance Syst	IQ	Usher	IQ	Safe-T-Pro Services	I												
037	Landscaping / Urban	Yes	Direct	HL Landscapes	I	Topgun Landscaping	IC	M&G Landscaping	I	Bland 2 Brilliant Landscapes	I	CBD Landscape Construction	I	Fresh Landscapes	I	Landscapes Solution	I								
040	Directional drilling (sewer / water/ gas / conduits)	Yes	Direct	Pipeline Drillers	I	Maxibore	IC	Spiecapag	I	Bothar	I														
043	Haulage and disposal	Yes	Direct	Mitchelmore Transport	I	Pink Plant Hire	IC																		
045	Saw cutting	Yes	Direct	Arrows	I	Titan Concrete cutting	I	Cut & Core Qld	I	Cut Right Commercial	I	Knoll Labour	I	Qld Concrete Drilling & Sawing	I	Ready Cut Concrete Sawing &	I								
046	CCTV inspection (pipes and pits)	Yes	Indirect	1300 Locate	I	Aquadig	I	Patriot Tankers	IC	Pipe Management Australia	I	Dynamic Excavations	I	Cleanaway	I										
048	Canopy Structure	Yes	Direct	Fabritecture	IC	Beenleigh Steel Fabrication	I	Taringa Steel	I																
050	Building - depot / toilet block / driver facility etc.	Yes	Direct	WT Partners	NA	Precision	I	Condev	I	BeecH constructions	I	Rohrig	I	Keybuild	I	Niclin	I								
052	Building Demolition	Yes	Direct	Demex	I	Wipeout Demolition	I	Coast 2 Coast	I	Delta	I	Gumdale Demolition	I	DECC	I	Mainland	I	Roselund	I						
057	Bus Shelter Supply and Install	Yes	Direct	Stoddart	IC	Steel Post and Rail	I	Polite Enterprises Corporatio	I	Pryde Fabrication	I	Gossi Park & Street Furniture	I	Beenleigh Steel Fabrication	I	Taringa Steel	I	AMA	I	Onsite Metal	I	CASA Engineering	I	Steel Structure Australia	I
058	Pipe Relining	Yes	Direct	Interflow	I	NuFlow	IC																		
059	ITSE Works (ITS, signals, lighting, electrical)	Yes	Direct	CB Energy	IC	CV Services	I	MI Electric	I	DM Roads	IC	Deep Gem	I	CV Services	I	Civex Energy	IC								
061	Site Security	Yes	Direct	Blue Glue	IC	Eify	I	ATF	I																
063	Manhole Lower and Raising	Yes	Direct	MGT Constructions	I																				
065	Waterline Chlorination	Yes	Direct	Pipeline Testing Services	I	Civil Pipe Testing and Poly	I																		
101	Traction Power Substation (complete)	TBC	TBC	ABB	P	GE	P																		
102	TPS Building	TBC	TBC	CTB Industries	P	Mayfield Industries	P	SRO	P																
107	HV AC/DC & LV Cable Install & Termination, Earthing, Pit	Yes	Direct	ERDS (Electrical Reticulation D	I	Klenner Murphy	I	Deep Gem (John Goss)	I	Fredon	IC	Enermech	I	CV Services group	I	Stowe	IC	SDF	I	PLE	I	FIP	I	Yurika	IC		
127	Rail Grinding	Yes	Direct	Speno	IQ	Autech	I																		
135	Energex 11kV Elec design & Construct Works	Yes	Direct	ERDS (Electrical Reticulation D	I	Klenner Murphy	I	Deep Gem (John Goss)	I	Fredon	I	Enermech	I	CV Services group	I	Stowe	IC	SDF	I	PLE	I	FIP	I	Yurika	IC		
136	OHW Installation	Yes	Direct	WIRED	I	Zinfra	I	Wabtec (Austbeck)	I																
137	Track Installation	Yes	Direct	JWB	I																				
140	HV/Traction T & C	Yes	Direct	Performance Electrics	I	Enermech	I	PowerTech	I	Voltex Power Engineers	I														
141	Earthing Tests/Reports	Yes	Direct	Performance Electrics	I	PowerEarth Technologies	I	SafeEarth	I																

CORRS CHAMBERS WESTGARTH

21 September 2021
Privileged and confidential

State response to John Holland BPIC Impact Assessment OoM Modelling Data (Extra-over to Baseline)

- This paper is provided for discussion purposes and sets out a general approach and key expectations as to how BPIC commitments are to be formulated within the Stage 3 Works Deed and D&C Contract (Stage 3). This paper is not intended to be exhaustive, and does not represent the State's agreed / final position on these matters.

- As part of the BPIC assessment process, the State's expectation is that known BPIC impacts and core BPIC assumptions will be adapted into a series of commitments from OF3 and the D&C Contractor that will be set out in scheduled form in the Stage 3 Works Deed and D&C Contract (Stage 3).

- The State's preference is that the cost and time impacts for taking into account the BPICs and performing the BPICs Commitments are fully agreed and costed by OF3 and its supply chain before financial close.

- To the extent that BPICs impacts are to be assessed or valued post financial close, it is proposed any amounts in relation to BPICs will be met by the State directly during the D&C Phase so will not need to be project financed by OF3. The State anticipates that in respect of those post financial close assessments, the D&C Contractor will issue a Monthly Statement to the Independent Certifier following which the Independent Certifier will issue a Payment Certificate and OF3 will issue a Tax Invoice to the State. We note that this is the process that has already been agreed in relation to the 450mm Water Main Works.

- The State notes there may be merit in a continuing role for an independent party to review BPIC processes / assess BPIC impacts during the D&C Phase.

Ref #	Parameter	State preferred approach / options
1	**Labour**	Cost impacts to be agreed prior to financial close. The State's expectation is that appropriate industrial arrangements reflective of BPICs are finalised before financial close. On that assumption any required uplift to the D&C price can be modelled prior to financial close based on the rates / conditions agreed with the unions / workforce and fair assumptions regarding labour utilisation (these assumptions would be reviewed by the Independent Estimator). OF3's BPICs Commitments would take the form of confirmations that it will pay its direct labour in accordance with the EBA's as negotiated / uplifted BPICs rates, and that the structure / scale of labour force will be deployed broadly in line with assumptions. Payment for the BPICs component of direct labour will be subject to demonstration of compliance with the relevant industrial arrangements.
1.2	Dayshift – Gang Rate	
1.2	Nightshift – Gang Rate	
2	**Plant**	On the basis that BPICs applies to industrial instruments in relation to construction site workers (rather than off-site workers), the State does not expect BPICs to have an impact on the cost of plant supplied to the Project. To the extent that wet hire costs are affected by BPICs the State's preference is for any uplifted rates to be determined with a high degree of certainty prior to Financial Close so that these can be reviewed by the Independent Estimator (together with wet hire utilisation assumptions). BPIC impacts should be incorporated in any uplift to the D&C Price for Labour (see the row above). OF3's BPICs Commitments should confirm that it will pay wet hire rates as per the uplifted BPICs rates and as part of the compliance and reporting arrangements, provide transparency to the State on actual contracted terms, once finalised. Payment for the BPICs component of wet hire will be subject to demonstration of compliance with the relevant industrial arrangements.
2.1	Dry Hire*	
2.2	Wet Hire	
3	**Materials supply**	On the basis that BPICs apply to industrial instruments for construction site workers (rather than off-site workers), the State does not expect BPICs to have an impact on the cost of plant supplied to the Project.
3.1	With Site Interaction	
3.2	Without Site Interaction	
4	**Subcontractors (S/C)**	Based on discussions to date, the State acknowledges that at Financial Close there is likely to be a high degree of uncertainty as to the extent to which the supply chain will seek to align with / adopt BPIC conditions. Where possible, the State expects OF3 / the D&C Contractor to price the impact of BPICs on its supply chain before financial close. To the extent that the impact of BPICs on the supply chain cannot be priced before financial close, the State expects the updated Stage 3 Works Deed and D&C Contract (Stage 3) to require the following process to apply to the procurement of each applicable subcontract:
4.1	Site Based Works	
4.2	Non-Site Based Works	

Ref #	Parameter	State preferred approach / options
		- a cost / claim / payment model with an agreed upper estimate of the cost of BPICs on the subcontract is included as a specific provisional sum in the Stage 3 Works Deed and D&C Contract (Stage 3); - OF3 / the D&C Contractor applies an agreed methodology for the implementation of BPICs to the procurement of the subcontract. That process will include agreed process / information requirements for tendering. These requirements should make it clear that tenderers for subcontract packages will not be penalised in the tender assessment if they elect to adopt, or not adopt, BPICs and require tenderers to clearly explain and itemise any BPIC uplift; - the State should have visibility over the procurement process and the State and the Independent Estimator (if applicable) should be entitled to verify that the process requirements have been satisfied and the impact of BPICs on the relevant procurement; and - to the extent that BPICs causes an increase in the subcontract price which is adequately demonstrated to the satisfaction of the State, OF3 / John Holland is entitled to payment of the increase up to the amount of the provisional sum. Amounts for which the State is liable should be invoiced in accordance with the procedure set out in the introduction to this document. The parties should agree a closed list of no more than [# to be determined, targeting min 80% by value] specific subcontracts which have a material impact on the D&C Price and limit the application of the process above to those subcontracts. In addition, OF3 / D&C Contractor would report on any material changes to procurement packages / strategy from that assumed at Financial Close. The State's expectation is that OF3 / D&C Contractor will obtain periodic confirmations from the supply chain (for example, monthly statutory declarations) to demonstrate compliance with the relevant BPICs Commitments. This should be included in the tender returnables.
5	**Other Costs**	Reasonable indirect / time / recurring / contract value related costs to be applied in a manner consistent with fair corporate / accounting practice (including advice from Independent Estimator) and directly correlated to payment of additional amounts in respect of BPIC. For risk contingency, the State expects quantified risks to be clearly articulated and based on reasonable assumptions / modelling parameters and clear identification of additional mitigation strategies / commitments.
5.1	Indirect Discrete Impacts	
5.2	Time / Recurring	
5.3	CV Related	
6	**Non-Working Days (Excl's Contractors contingency)**	The State expects OF3 and the D&C Contractor to do all things possible pre-Financial Close to offset the impact of BPICs on the Stage 3 Program to provide for the earliest possible Date for Stage 3 Completion. The State intends to retain the current risk allocation for time / program given that OF3 / D&C Contractor are best placed to manage program risk. This approach would minimise and / or avoid additional BPIC related commitments for program related parameters.
6.1	Roster	
6.2	RDOs	
6.2.1	Fixed (13 days / yr)	
6.2.2.	Flexible (13 days / yr)	
6.3	Weather	
6.3.1	Wet Weather	
6.3.2	Heat Policy	
6.4	Industrial	

Ref #	Parameter	State preferred approach / options
6.4.1	Delay	
6.4.2	Disruption	
7	**Contractor's Contingency**	

JOHN HOLLAND

Gold Coast Light Rail Stage 3

BPIC Impact Assessment:

RFC103C Responses

Date: **6 October 2021**

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i. Purpose

In accordance with the Third Commitment Deed Poll, Schedule 5 Cl1.3, the Department of Transport and Main Roads (DTMR) issued the *Best Practice Industry Conditions for Transport Civil Construction Projects – Gold Coast Light Rail Stage 3 Project* (GCLR3 BPIC) under cover of Clarification #OFiM3-103-C (RFC103C) to GoldlinQ and John Holland (JH).

Along with a copy of GCLR3 BPIC, RFC103C posed numerous questions associated with GCLR3 BPIC, in relation to both the current Impact Assessment process and its' potential implementation should John Holland be awarded the GCLR3 major works package (Project). In the spirit of the Third Commitment Deed Poll, the responses reflect our current understanding at the time of submission and are subject change as the parties work to finalise the impact assessment and contractual arrangements.

ii. Code Compliance

In accordance with the Third Commitment Deed Poll, and more specifically Schedule 5 Cl1.5:

As an overriding principle, the parties agree that the Code for the Tendering and Performance of Building Work 2016 (the Code) applies to the Project and any arrangements with respect to the BPIC must be Code compliant.

1 Item 1 – John Holland approach to its self-performing work

a) Establish and maintain a positive industrial relations environment for this project including:

i. How John Holland in using its best endeavours, intends to reflect the intent and outcomes of the GCLR3 BPIC as part of its industrial relations strategy;

JH Response: JH intends to negotiate a **code compliant**, project specific GCLR3 Greenfield Enterprise Agreement (GCLR3 EA). Based on consultation held to date, it is JH's intent that the GCLR3 EA would be a multi-party agreement (including the AWU), largely reflecting the GCLR3 BPIC guidance document.

As previously advised to GoldlinQ and DTMR, there are several conditions contained in GCLR3 BPIC that we continue to have dialogue around that JH would seek to amend, to provide increased flexibility and certainty during construction phase, along with reflecting our current established work practices. In addition, there are several provisions absent from the GCLR3 BPIC guidance document, which JH will continue to discuss with the unions, and our position will be to utilise provisions from the Modern Award or the John Holland Pty Ltd Civil Construction Agreement 2019 (JH Civil EA) where necessary. However, JH fully expects (based on initial discussions) that the unions will seek to have clauses included from the Transport BPIC where the GCLR3 BPIC guidance document is silent.

On the basis that JH is successful in negotiating the GCLR3 EA, it would provide coverage to all directly engaged workforce employees on the Project.

Furthermore, dependent on how the GCLR3 BPIC guidance document is drafted into the D&C Contract, and so far as permitted under the Code, JH would provide all tenderers the GCLR3 BPIC at time of Tender, along with other relevant, project and package specific information.

ii. Given the GCLR3 BPIC what additional matters John Holland has considered above the existing industrial relations strategy to progress best practice industrial relations on this project;

JH Response: The overarching strategy for all our projects is to leverage the existing collaborative relationships John Holland has with our employees, trade unions and delivery partners. We achieve this through well-established industrial relations (IR) policies and procedures which provide a tried and tested framework, attested to by our proven track record of delivering projects within industrial landscapes not dissimilar to GCLR3.

We also adopt a best practice approach involving consultation and negotiation with our employees and their representatives, which will minimise and avoid potential IR risks at the earliest possible stage and as close to the source as possible. Again, we achieve this through the implementation of reliable, repeatable, and robust processes and protocols, ensuring best for project outcomes whilst maintaining compliance with relevant legislative and regulatory requirements, including the Code and Queensland's Best Practice Principles.

iii. Whether the GCLR3 BPIC changes the approach to self-performing work, and if so, the impacts of these changes and how they will be managed;

JH Response: It is expected at this point in time, the assumption made regarding direct perform versus sub-contract will remain unchanged.

iv. Whether a Greenfields agreement as an alternative to existing John Holland enterprise agreements has been further considered as part of the industrial relations strategy;

JH Response: As noted above under 1-(a)-I, JH intends to negotiate a code compliant, project specific GCLR3 Greenfield Enterprise Agreement with all Unions. The most significant challenge to this, which remains unresolved, is the complete lack of the AWU's involvement (which we understand to be their own choice as advised by DTMR) in DTMR's development of the GCLR3 BPIC guidance document.

This has been reinforced through our consultation process where the AWU has communicated their unwillingness to be party to an agreement that includes the CFMEU. Even more alarming is the recent feedback from the AWU that their expectations, if they were to be party to a GCLR3 EA, are better reflected by the Brisbane Metro EA recently negotiated with Acciona – these conditions are not consistent with GCLR3 BPIC.

This is of significant concern, as the AWU would likely have majority coverage of workers onsite presenting a potentially fatal flaw in having a multi-party GCLR3 EA approved by the Fair Work Commission, let alone achieving one of the stated intentions of the GCLR3 BPIC which is "to ensure that a workforce with optimal levels of skills and experience can be attracted and retained for project delivery and ensure that relevant stakeholders can interact in a positive, collaborative and productive way through to successful project completion."

This is a key area that JH will continue to look to the State to assist by seeking alignment and support of the national and/or state union bodies with the State's BPP.

v. How, in consideration of the information contained in the GCLR3 BPIC, John Holland intends to clearly articulate any additional impacts in relation to both costs and schedule, and the reasons why these are considered different to the existing D&C offer;

JH Response: To be addressed through the Impact Assessment process.

vi. How John Holland intends to take reasonable steps to engage with all relevant stakeholders, including employee unions with an interest in the project, should a Greenfield agreement be negotiated with a view to ensuring industrial harmony is achieved and maintained for the project;

JH Response: JH continues to maintain proactive and open working relationships with all union bodies and other relevant stakeholders as necessary. More specifically in relation to the Project, JH has been meeting since January 2021 to align expectations and identify potential areas of disconnect. JH will continue to consult with relevant stakeholders and provide feedback to GoldlinQ and DTMR as appropriate.

vii. What approach will John Holland undertake in the event a proposed Greenfields agreement is negotiated that does not include all relevant unions as parties, and how it intends to maintain a positive industrial relations environment should these circumstances arise; and

JH Response: The AWU's unwillingness to engage in meaningful discussions with JH and the State, presents a significant impediment in achieving industrial harmony on the GCLR3 Project. As noted above in 1-a-iv, our preference is an all-inclusive GCLR3 EA. JH considers that there is considerable risk to the project if this is not possible.

As advised previously, JH considers that the AWU have majority coverage over the required classifications for a Greenfield agreement and will likely challenge any agreement for which they have not endorsed. Even if the agreement was not challenged (or unsuccessful), the AWU's dominant coverage and long standing role in the civil and rail construction sectors means the negotiation of an agreement not endorsed by the AWU would likely have ramifications across both the self-perform and subcontract elements of the works. Similarly, there are equally considerable, albeit different, risks associated with negotiating a single union GCLR3 EA with the AWU only.

Therefore, it remains imperative that JH and the State continue to explore all avenues that may persuade the AWU to start engaging in meaningful discussions around a multi-party GCLR3 EA. To this end, we implore the State to elevate this matter to the highest levels of Government in the hope senior officials may influence a positive outcome.

viii. If John Holland intends to negotiate a Greenfields agreement, will the replacement NSW Rail and Signalling Agreements contain a 'carve out' provision similar to that contained in the Qld Civil Agreement?

JH Response: JH intends to negotiate GCLR3 EA with all the relevant unions and as part of this negotiation, our intent is to include relevant rail classifications in consultation with the applicable unions, namely the AWU and ETU.

JH notes that it is our understanding that the AWU do have considerable coverage of rail construction classifications.

2 Item 2 - John Holland's approach to engaging subcontractors, including industrial instruments covering subcontractors

a) John Holland's commitment to engaging and using Reputable Suppliers and subcontractors;

JH Response: JH has demonstrated a commitment to the engagement of reputable suppliers and subcontractors previously and will continue that approach on the project. A key aspect our assessment of subcontractors and suppliers will be a review of their compliance with the Building Code and the State's Best Practice Principles.

In addition, and again in a manner consistent with our Building Code obligations, all subcontractors will be required to demonstrate how they meet the definition (or at least the intent of the definition) of a reputable supplier or subcontractor as part of the JH tender process.

N.B. JH will <u>never</u> assess or evaluate a subcontractor's tender responses for compliance against the GCLR3 BPIC or any other industrial agreement.

b) What work packages John Holland intends to procure via subcontract arrangements;

JH Response: JH has provided a full listing of packages that were considered suitable for a subcontract delivery model. The decision to self-perform or subcontract is multi-faceted and needs to take into factors such as market capacity, specialist skillsets or plant, resource levels, activity duration, licencing or accreditation requirements, programme drivers and supervisory / engineering capacity and skills to name a few. A similar assessment to that completed during original tender will again be undertaken during the BPIC Impact Assessment process. Delivery methods will continue to be reassessed throughout the duration of the Project as the engineering and design develops, and we re-engage again with the market.

c) John Holland's proposed list of subcontractors (by work package) for the project;

JH Response: JH has provided a full listing of packages that were considered suitable for a subcontract delivery model, including potential delivery partners.

d) (based on John Holland's experience on other projects in Queensland that reference best practice industry conditions) which work packages and subcontractors are more likely to use their best endeavours to take the GCLR3 BPIC into account;

JH Response: This is very subjective, but as a generalisation, delivery partners that operate across the building and/or industrial sectors, less so those who operate solely in the traditional civil sector. JH has and will continue to advocate for and lobby the State to embark on a widespread awareness, education and training program targeted at the civil sector. In our opinion, this will require the State to commit significant investment and resources.

e) How John Holland intends to provide the GCLR3 BPIC to subcontractors in relation to this work;

JH Response: This is contingent on how DTMR and GoldlinQ incorporate GCLR3 BPIC into JH's D&C Contract. We request proposed drafting to be provided to JH as soon as practicable to enable us to consider Code compliance alongside potential mechanisms.

At this point in time, and based on recent discussions and correspondence, JH intends to provide the GCLR3 BPIC guidance document at the time of tender with our Invitation to Tender and other relevant documents.

f) How is it proposed that John Holland will use its best endeavours to take the GCLR3 BPIC into account when evaluating, selecting and engaging subcontractors for the project, including how it is intended that John Holland will use its best endeavours to engage subcontractors (as Reputable Suppliers) who will provide terms and conditions of employment which are consistent with modern and progressive industrial practices;

JH Response: For the avoidance of doubt, and as communicated previously, JH will at no stage assess or evaluate a subcontractor's tender responses for compliance against the GCLR3 BPIC.

JH will however ensure that subcontractors are provided a copy of the GCLR3 BPIC guidance document at the time of tender (as outlined in Item 2 (e)). In addition, JH will assess all subcontractors for compliance with the Ethical Supplier Threshold and the Best Practice Principles.

The process for assessing subcontractor compliance with the Best Practice Principles IR has been implemented on current DTMR projects such as Edmonton to Gordonvale. This process requires a subcontractor to complete the Subcontractor / Major Supplier Tender Interview – Supplementary Questionnaire, which is then analysed using the Multi-Criteria Assessment (MCA) tool, providing a rating for non-commercial aspects such as IR and Best Practice Principle awareness and compliance.

g) How John Holland intends to inform the State, should it propose to select a subcontractor that achieves a low score for best practice industrial relations;

JH Response: JH will ensure that the project is not exposed to any unacceptable level of IR risk. JH's well-established processes and procedures will ensure that IR risks are appropriately considered at the time of tender and in the event a significant risk is identified that cannot be mitigated, it is unlikely JH would proceed with that subcontractor.

Consistent with JH's obligations under the Workplace Relations Management Plan (WRMP) and Employee Relations Management Plan (ERMP), JH will inform the client of any IR risk identified that may have an impact on the project. Depending on the nature of that risk, JH may also be required to report to the ABCC.

h) In the circumstances outlined in (d) and (g), what strategies will John Holland employ in relation to pricing, to ensure that price represents actual project impacts of the implementation of best practice industrial relations;

JH Response: Again, consistent with JH's obligations under the Building Code, there will not be any assessment conducted by JH to assess a subcontractor's compliance with the GCLR BPIC.

JH will conduct an assessment against the Best Practice Principles, and this will include requiring the subcontractor to articulate how they will attract and retain suitable personnel on the project.

i) If John Holland selects subcontractors that achieve a low score for best practice industrial relations including as evaluated against the GCLR3 BPIC, does John Holland consider this to be an industrial relations risk and if so, how it proposes to mitigate this industrial relations risk;

JH Response: Again, consistent with JH's obligations under the Building Code, there will not be any assessment conducted by JH to assess a subcontractor's compliance with the GCLR BPIC. JH will however focus on ensuring that the proposed rates and conditions are sufficient to attract and retain suitably skilled personnel on the project.

Any IR risk identified during the tender process will be discussed with the subcontractor to ensure they have in place potential mitigation strategies. If the level of risk posed by a subcontractor is significant such as a history of non-compliance with legislative requirements, JH will not proceed with the engagement of that subcontractor.

j) TMR notes the local industry / content commitments that GoldlinQ has provided as part of its current offer. TMR wishes to maintain these commitments. GoldlinQ is requested to articulate how, in the context of GCLR3 BPIC guidance material, it intends to revise its proposal whilst maintaining these commitments.

JH Response: To be considered as part as part of the ongoing BPIC Impact Assessment.

3 Item 3 – Assurance and Performance

a) How GoldlinQ and John Holland will ensure compliance, including monitoring and reporting mechanisms in relation to Best Practice Principles and best practice industrial relations for those components that are:

i. self-performed; and

JH Response: JH intends to negotiate a project specific GCLR3 EA that will provide coverage across all required classifications. JH has in place appropriate systems and protocols to ensure that new agreements are implemented and interpreted correctly.

JH has no concern with GoldlinQ or DTMR conducting an audit for JH compliance with the relevant industrial instrument.

ii. performed by subcontractors.

JH Response: JH under our Building Code obligations cannot audit a subcontractor for compliance with their industrial instrument. JH will however take appropriate steps to address any concerns raised by a relevant stakeholder in relation to a subcontractor's compliance with their industrial instrument or any other legislative requirement. This may include notifying the ABCC or another regulator as relevant.

In addition, JH requires all subcontractors to complete a statutory declaration each month with their progress claim, that among other things confirms their compliance with the industrial instrument and all relevant legislative requirements.

b) In relation to work to be performed by subcontractors, the proposed strategies that will be undertaken by GoldlinQ and John Holland to manage issues of non-performance on any commitments made in their respective tenders in relation to the Best Practice Principles, including best practice industrial relations.

JH Response: As far possible and where appropriate, JH will include a subcontractor's tender commitments, including those related to the Best Practice Principles, within their contracts. Instances of non-compliance with a contractual obligation will be addressed and dealt with in accordance with the provisions of the agreed contract.

4 Item 4 – Other relevant matters

a) In relation to item 2, the State advises that it will undertake an interactive session at a time and place to be agreed with GoldlinQ and John Holland, that will provide:

i. An overview of the project;

ii. An overview of the government policies relevant to the project, specifically the Best Practice Principles, including the GCLR3 BPIC;

iii. Information for subcontractors in the supply chain; and

iv. A forum for attendees to raise relevant queries for written response.

JH Response: This is included in the BPIC Impact Assessment Methodology.

b) In relation to the identified work packages relevant to item 2, and to remove any doubt, the GCLR3 BPIC:

i. is not to be considered for the recently commenced early works package, including any respective best endeavours application;

JH Response: Noted.

ii. does not extend to (except to the extent ordinarily covered by Awards relevant to the civil construction industry) professional, administrative or incidental workers situated in a site office either for the duration of the project, periodically or on an "as needs" basis including those that visit the site but are not situated in the site office (for example but not limited to engineering, architectural and design, surveying or quantity surveying services);

JH Response: Noted.

iii. is not to be considered for non-contestable public utility plant (PUP) works, such as those to be undertaken by APA Gas, Energex, NBN and Telstra;

JH Response: Noted.

iv. is intended to be applied to materially significant on-site works only, and therefore does not include;

i. off-site prefabrication of made-to-order components to form part of the project, unless it is performed on an auxiliary or holding site;

ii. the transportation (delivery to or removal) and supply of goods, material or equipment to and from the project;

iii. warranty, repair and maintenance work performed on plant and machinery utilised on the project;

iv. goods and services rendered on a temporary and/or intermittent basis, for example but not limited to cleaning services, general office and building maintenance, tree lopping services, geotechnical, material, soil testing or laboratory testing services.

JH Response: Noted.

TS-27

8 October 2021

Phil Mumford
Chief Executive Officer
GoldlinQ
Via: Ansarada

Dear Phil,

Response to RFC5781- Gold Coast Light Rail Best Practice Industry Conditions Impact Assessment

Please find attached John Holland's assessment of the impact of the Best Practice Industry Conditions to the Gold Coast Light Rail Stage 3 Project (the ***Assessment***).

John Holland has been a committed partner of the State and GoldlinQ in the delivery of Gold Coast Light Rail Stage 3 (GCLR3) since December 2019. We remain committed to delivering this project for the Gold Coast Community and are looking forward to working with the State and GoldlinQ in reaching Financial Close on this exciting project in a timely manner.

Our team is committed to working openly and transparently with regard the Assessment and welcome the opportunity to work collaboratively with the State and GoldlinQ to reach a mutually satisfactory resolution of the BPIC Outstanding Matter. In working towards this goal, we are very much open to exploring alternative commercial models that prioritise the overarching BPIC objectives of delivering benefits directly to the workers on site.

Clarifications and Assumptions

John Holland as a Code covered entity under the Code for the Tendering and Performance of Building Work 2016 (Building Code 2016) notes that, consistent with the Best Practice Principles, where Building Code 2016 obligations apply, these take precedence over any tendering or contractual requirements.

In relation to the Assessment, please note the following key clarifications, conditions and assumptions:

(a) The Assessment is based on documentation received under RFC5781 and assumptions made based on recent and ongoing dialogue with the relevant unions. John Holland notes that both the Assessment and any associated offer is based upon on a Multi-Union agreement, including the AWU, being reached prior to Financial Close.

(b) The Assessment is in response to the BPIC Outstanding Matter (as per the Third Commitment Deed Poll dated 4 June 2021) only and does not include impacts in respect of any other Outstanding Matters, which are being worked through separately. For clarity, this Assessment does not include for cost impacts associated with the resolution of the Outstanding Matter of Insurance which has been separately agreed between the parties.

(c) This Assessment does not allow for the impacts of BPIC on the delivery of any Pre-Priced Elements or Modifications directed by GoldlinQ to John Holland following the commencement of this Impact Assessment (5 July 2021). This includes the Pre-Priced Element for Nobby Beach Precinct Works (directed 13 July 2021) and Modification Order 001 (directed 22 September 2021). These additional scopes of work will require impacts of BPIC to be assessed and applied.

(d) The Assessment also does not allow for any impacts associated with the Prequalified Certification (PQC) System or Enhanced Compliance proposed under the enhancement of the Buy Queensland procurement approach currently under consultation by the Department of Public Works and Procurement.

(e) The Assessment remains subject to the satisfactory resolution of drafting in the D&C Contract regarding contractual application of BPIC to the Project. Other elements of the D&C Contract that have been discussed with the Client group as possibly requiring amendment include:

- Schedule 27 to the D&C Contract – BPP Commitments
- Schedule 32 to the D&C Contract – Best Practice Industry Conditions
- Relevant Returnables (i.e. 'Part 2' documents) and Project Plans to the extent necessary due to BPIC
- The rates in Schedule 4 – Estimated Cost Effect (D&C) will also require updating.

(f) Based on discussions with Industry Unions to date, John Holland is of the view that it remains necessary to allow for increase in lost time due to Extreme Hot Weather as originally outlined in the Transport BPIC (but silent in the GLCR3 BPIC Document). John Holland recognises the State's position with respect to the inclusion of Hot Weather Guidelines and, following recent discussions, has updated the Assessment to reflect the proposed definition of Extreme Hot Weather event to be when air temperature reaches 29°C and 75% humidity or more, after three hours from commencement of the shift (not 28°C and 75% humidity as per the Transport BPIC). Should John Holland not reach agreement with the Industry Unions on this enhanced definition of Extreme Hot Weather, the impact assessment will need to be adjusted accordingly prior to Financial Close.

Details regarding the program impacts considered within the Assessment are provided in the Program Impacts Explanation document attached.

Alternative Commercial Approach to Risk

The Assessment has been undertaken with a view to provide GoldlinQ with a Revised D&C Offer (subject to the assumptions and caveats above) based on the existing risk profile within the D&C Contract.

As mentioned above, we remain committed to working through the Assessment with the State and GoldlinQ in order to resolve the BPIC Outstanding Matter in a manner satisfactory to all. This commitment includes, but is not limited to, working through alternative commercial models that address the key concerns of the parties. As previously discussed, John Holland remains concerned as to the uncertainties and increase in risk profile that the introduction of BPIC brings to Project delivery. We understand that a key concern of the State is to ensure that BPIC directly benefits the workers.

Given the nature of the respective concerns, in lieu of a provisional cost option/ administrative framework requested by the State, John Holland would like to explore with the State and GoldlinQ the possibility of a contingency pool arrangement, which provides coverage to John Holland should the BPIC-related risks eventuate, with a pathway back to the State for remaining funds (contingency pool underrun) at the end of the Project. The risk of an overrun to the contingency pool would remain with John Holland. If the State/GoldlinQ considered it appropriate, John Holland would retain a small percentage of the contingency pool underrun as an incentive.

There are additional elements to a possible contingency pool framework that we would like to discuss with the State and GoldlinQ should there be collective interest in workshopping this further. For example, we have also considered the treatment of a BPIC allowance for a subcontract package where the subcontractor chose not to implement BPIC on site, with a pathway back to the State for such funds (less a % to be allocated to the contingency pool to address the potential increased risk profile that such scenario presents to delivery).

At the heart of these suggestions is our desire to reinforce and demonstrate that John Holland has no intent of inappropriately profiting from the introduction of BPIC to the project. By the same token, we do not wish to be placed in a loss-making position because of the introduction of BPIC (nor do we believe this to be the State's or GoldlinQ's intent). We are very aware that there is a fine balancing act required to ensure positive outcomes for all parties and we are very much committed to achieving this.

We look forward to presenting our Assessment to you on Monday, 11 October at 9am and continuing the transparent discussions necessary to ensure Financial Close is achieved in December 2021.

Yours faithfully

[redacted]

Loren Hickey
Precontract Manager, Infrastructure Qld & NT

GOLD COAST LIGHT RAIL - STAGE 3

D&C COSTS

All values in thousands of nominal AUD.

All values in May 2021 AUD (assuming 7 June 2021 as base date)

Period Start	***07-Jun-21***	***01-Jul-21***	***01-Aug-21***	***01-Sep-21***	***01-Oct-21***	***01-Nov-21***	***01-Dec-21***	***01-Jan-22***	***01-Feb-22***	***01-Mar-22***
Period End	***30-Jun-21***	***31-Jul-21***	***31-Aug-21***	***30-Sep-21***	***31-Oct-21***	***30-Nov-21***	***31-Dec-21***	***31-Jan-22***	***28-Feb-22***	***31-Mar-22***
Tender										
	Total									
Station Areas	$25,861	-	-	-	-	-	-	-	-	$11
Roads & Traffic Signalling (ITS)	$92,797	-	-	-	-	-	-	-	-	$26
Public Utility Plant	$61,864	-	-	-	$2,394	-	-	-	-	$64
Rail Alignment	$56,145	-	-	-	$986	$896	$986	$448	-	$27
Traction Power & OHL	$21,041	-	-	-	$2,493	$2,266	$2,493	-	$1,233	-
Rail Systems Core Scope	$38,411	$1,754	$351	$351	$351	$351	$351	$1,053	$5,618	$1,152
Rail Systems Core Scope (non BT scope)	$1,414	$25	$33	$27	$33	$30	$33	$19	$48	$32
Temporary Works	$22,461	-	-	$3,918	$4,788	-	-	-	-	$37
Depot Expansion	$3,742	-	-	-	-	-	-	-	-	$22
Testing and Shutdowns	$2,717	-	-	-	-	-	-	-	-	-
Structures	$16,883	-	-	-	-	-	-	-	-	-
Contractors Indirect Costs - Site	$306,682	$18,865	$4,020	$4,099	$3,567	$7,822	$4,729	$4,393	$3,644	$9,043
Contractors Indirect Costs - Offsite	$59,767	$1,695	$362	$726	$1,300	$959	$737	$496	$955	$844
Risk and Contingency	$72,893	$225	$48	$543	$1,396	$448	$488	$192	$1,213	$162
Margin	$21,312	$624	$133	$267	$479	$353	$271	$183	$385	$315
450mm Diameter Water Main	$9,731	-	-	-	-	-	-	-	-	-
MTO 10 - Lower Gold Coast Highway Drainage	$2,295	-	-	-	-	-	-	-	-	$226
Burleigh Heads station precinct	$1,521	-	-	-	-	-	-	-	-	$33
TOTAL CONSTRUCTION DRAWDOWN	$817,537	**$23,188**	**$4,947**	**$9,930**	**$17,786**	**$13,125**	**$10,088**	**$6,783**	**$13,096**	**$11,548**	**$8,400**

TRUE

01-Apr-22 30-Apr-22	01-May-22 31-May-22	01-Jun-22 30-Jun-22	01-Jul-22 31-Jul-22	01-Aug-22 31-Aug-22	01-Sep-22 30-Sep-22	01-Oct-22 31-Oct-22	01-Nov-22 30-Nov-22	01-Dec-22 31-Dec-22	01-Jan-23 31-Jan-23	01-Feb-23 28-Feb-23	01-Mar-23 31-Mar-23	01-Apr-23 30-Apr-23	01-May-23 31-May-23	01-Jun-23 30-Jun-23
$208	$197	$241	$230	$241	$285	$458	$744	$406	$676	$676	$778	$598	$1,104	$958
$500	$493	$603	$575	$603	$825	$1,288	$2,402	$1,414	$2,415	$2,654	$3,214	$2,460	$3,943	$4,357
$1,210	$1,714	$2,347	$3,031	$4,002	$4,119	$3,744	$4,407	$2,631	$4,386	$4,386	$4,395	$3,115	$4,031	$3,310
$520	$550	$700	$668	$700	$997	$1,310	$1,737	$1,025	$1,713	$1,673	$1,883	$1,442	$2,285	$2,307
-	-	-	-	-	$53	$103	$127	$127	$305	$389	$442	$332	$467	$422
$1,152	$768	$768	$768	$1,152	$1,152	$768	$768	$768	$768	$768	$768	$768	$768	$768
$31	$29	$36	$34	$36	$36	$32	$36	$19	$32	$32	$37	$27	$36	$31
$423	$401	$490	$467	$490	$490	$445	$490	$267	$445	$445	$512	$378	$490	$423
-	$284	$849	$811	$849	$476	$150	$165	$90	$68	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	$2	$39	$22	$36	$36	$41	$30	$39	$655
$7,120	$7,397	$7,526	$8,672	$8,859	$8,556	$6,565	$7,125	$6,590	$5,785	$7,675	$8,139	$7,880	$8,194	$9,296
$1,025	$1,122	$1,291	$1,439	$1,595	$1,605	$1,427	$1,724	$1,259	$1,584	$1,777	$1,922	$1,611	$2,027	$2,125
$902	$1,456	$1,698	$1,846	$2,066	$2,129	$2,116	$2,547	$1,789	$2,291	$2,555	$2,785	$2,308	$2,960	$3,067
$320	$359	$409	$468	$523	$526	$466	$571	$430	$525	$597	$641	$545	$684	$740
$623	$590	$721	$688	$721	$721	$655	$721	$393	$655	$655	$754	$557	$721	$524
-	-	-	-	-	-	-	-	-	-	-	-	$110	$144	$158
-	-	-	-	-	-	-	-	-	-	-	-	-	$66	$152
$14,033	**$15,360**	**$17,678**	**$19,697**	**$21,836**	**$21,967**	**$19,531**	**$23,603**	**$17,230**	**$21,685**	**$24,317**	**$26,311**	**$22,161**	**$27,959**	**$29,294**

01-Jul-23 31-Jul-23	01-Aug-23 31-Aug-23	01-Sep-23 30-Sep-23	01-Oct-23 31-Oct-23	01-Nov-23 30-Nov-23	01-Dec-23 31-Dec-23	01-Jan-24 31-Jan-24	01-Feb-24 29-Feb-24	01-Mar-24 31-Mar-24	01-Apr-24 30-Apr-24	01-May-24 31-May-24	01-Jun-24 30-Jun-24	01-Jul-24 31-Jul-24	01-Aug-24 31-Aug-24	01-Sep-24 30-Sep-24
$1,227	$1,557	$1,412	$1,463	$1,759	$791	$1,309	$1,446	$1,378	$1,446	$1,584	$1,253	$502	$391	$373
$5,041	$5,675	$5,196	$5,715	$6,287	$3,064	$5,022	$5,551	$4,997	$4,989	$4,891	$3,352	$1,800	$1,458	$1,391
$2,646	$2,532	$1,510	$809	$848	$231	-	-	-	-	-	-	-	-	-
$2,610	$2,939	$2,610	$2,917	$3,202	$1,544	$2,477	$2,738	$2,463	$2,444	$2,364	$1,691	$1,082	$931	$888
$454	$480	$391	$415	$446	$216	$362	$400	$366	$374	$2,485	$618	$339	$255	$2,070
$768	$768	$768	$768	$768	$768	$768	$768	$768	$768	$768	$768	$768	$768	$768
$34	$37	$34	$34	$36	$18	$31	$34	$32	$34	$37	$32	$37	$36	$34
$467	$512	$467	$467	$490	$245	$423	$467	$445	$467	$512	$445	$512	$490	$467
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	$60	$230	$220	$210
$1,083	$1,228	$1,121	$1,131	$1,226	$613	$1,059	$1,171	$1,115	$1,171	$1,282	$875	$892	$853	$815
$9,371	$10,453	$10,310	$10,367	$10,803	$7,370	$6,224	$7,882	$7,700	$7,369	$7,128	$6,325	$5,034	$4,615	$3,955
$2,201	$2,439	$2,217	$2,244	$2,408	$1,367	$1,626	$1,871	$1,756	$1,742	$1,930	$1,404	$1,013	$906	$1,000
$3,198	$3,551	$3,202	$3,267	$3,495	$1,829	$2,090	$2,299	$2,094	$2,110	$2,403	$1,615	$1,122	$986	$1,195
$821	$910	$827	$837	$898	$510	$606	$698	$655	$650	$720	$523	$378	$338	$373
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$144	$144	$151	$76	$131	$144	$137	$144	$158	$137	$158	$151	$144	$62	-
$139	$139	$146	$73	$126	$139	$132	$139	$152	$119	-	-	-	-	-
$30,205	**$33,364**	**$30,362**	**$30,583**	**$32,920**	**$18,850**	**$22,266**	**$25,608**	**$24,078**	**$23,820**	**$26,262**	**$19,112**	**$13,853**	**$12,307**	**$13,539**

01-Oct-24 31-Oct-24	01-Nov-24 30-Nov-24	01-Dec-24 31-Dec-24	01-Jan-25 31-Jan-25	01-Feb-25 28-Feb-25	01-Mar-25 31-Mar-25	01-Apr-25 30-Apr-25	01-May-25 31-May-25	01-Jun-25 30-Jun-25	01-Jul-25 31-Jul-25
$160	-	-	-	-	-	-	-	-	-
$596	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
$394	-	-	-	-	-	-	-	-	-
$118	-	-	-	-	-	-	-	-	-
$576	$384	$384	$384	-	-	-	-	-	-
$37	$34	$36	$10	-	-	-	-	-	-
$200	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
$230	$210	$220	$230	$200	$210	$220	$220	$100	$156
$349	-	-	-	-	-	-	-	-	-
$2,858	$1,851	$1,201	$781	$646	$535	$549	$572	$716	$521
$492	$209	$158	$122	$81	$73	$76	$77	$72	$63
$475	$101	$103	$102	$42	$44	$46	$46	$21	$31
$183	$78	$59	$46	$30	$27	$28	$29	$27	$24
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
$6,669	**$2,868**	**$2,161**	**$1,674**	**$998**	**$889**	**$919**	**$944**	**$936**	**$795**

GOLD COAST LIGHT RAIL - STAGE 3

D&C COSTS

All values in thousands of nominal AUD.

All values in May 2021 AUD (assuming 7 June 2021 as base date)

Period Start		***07-Jun-21***	***01-Jul-21***	***01-Aug-21***	***01-Sep-21***	***01-Oct-21***	***01-Nov-21***	***01-Dec-21***	***01-Jan-22***	***01-Feb-22***	***01-Mar-22***	***01-Apr-22***	***01-May-22***	***01-Jun-22***	***01-Jul-22***	***01-Aug-22***	***01-Sep-22***	***01-Oct-22***	***01-Nov-22***	***01-Dec-22***	***01-Jan-23***	***01-Feb-23***	***01-Mar-23***
Period End		***30-Jun-21***	***31-Jul-21***	***31-Aug-21***	***30-Sep-21***	***31-Oct-21***	***30-Nov-21***	***31-Dec-21***	***31-Jan-22***	***28-Feb-22***	***31-Mar-22***	***30-Apr-22***	***31-May-22***	***30-Jun-22***	***31-Jul-22***	***31-Aug-22***	***30-Sep-22***	***31-Oct-22***	***30-Nov-22***	***31-Dec-22***	***31-Jan-23***	***28-Feb-23***	***31-Mar-23***
Station Areas																							
Broadbeach South Station Terminus	$140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$6	$13	$14	$8	$13	$13	$14
Mermaid Beach Station	$670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$58	$98	$53	$89	$89	$102
Mermaid Beach South Station	$669	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nobby Beach Station	$669	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miami North Station	$682	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miami Station	$669	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$2	$37	$20	$34	$34	$39
Christine Avenue Station	$682	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Second Avenue Burleigh Station	$675	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Burleigh Heads Terminus Station	$1,229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Station Areas Landscaping (Hard and Soft)	$9,085	-	-	-	-	-	-	-	-	-	$0	$5	$5	$6	$5	$6	$6	$83	$181	$99	$165	$165	$189
Wayfinding	$48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$0	$1	$0	$1	$1	$1
Station Signage (including Stage 1 and Stage 2 upgrades)	$1,163	-	-	-	-	-	-	-	-	-	$1	$10	$10	$12	$11	$12	$12	$20	$34	$18	$31	$31	$35
LV Power and NBN Communications	$9,480	-	-	-	-	-	-	-	-	-	$10	$193	$183	$223	$213	$223	$261	$282	$379	$207	$345	$345	$396
Total	***$25,861***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***$11***	***$208***	***$197***	***$241***	***$230***	***$241***	***$285***	***$458***	***$744***	***$406***	***$676***	***$676***	***$778***
Roads & Traffic Signalling (ITS)																							
Demolition	$1,099	-	-	-	-	-	-	-	-	-	$0	$2	$2	$2	$2	$2	$4	$9	$21	$13	$23	$27	$33
Earthworks	$5,787	-	-	-	-	-	-	-	-	-	$0	$2	$2	$2	$2	$2	$17	$54	$125	$79	$138	$163	$199
Pavements	$22,015	-	-	-	-	-	-	-	-	-	$7	$128	$121	$148	$142	$148	$176	$276	$468	$292	$508	$605	$735
Lower Gold Coast Highway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road Furniture	$2,194	-	-	-	-	-	-	-	-	-	$2	$30	$29	$35	$33	$35	$39	$43	$62	$34	$57	$57	$65
Landscaping	$3,925	-	-	-	-	-	-	-	-	-	$2	$45	$43	$52	$50	$52	$53	$49	$62	$34	$57	$57	$66
Drainage	$47,933	-	-	-	-	-	-	-	-	-	-	-	$20	$24	$23	$24	$196	$546	$1,310	$768	$1,310	$1,424	$1,746
Street Lighting	$1,231	-	-	-	-	-	-	-	-	-	$2	$38	$36	$44	$42	$44	$44	$40	$44	$24	$40	$40	$46
Shared Path (Hythe Street to Kelly Avenue)	$199	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$1	$11	$6	$10	$10	$12
ITS Infrastructure (inc SCR CCTV & SCR Fibre)	$7,557	-	-	-	-	-	-	-	-	-	$12	$232	$220	$269	$257	$269	$269	$245	$269	$147	$245	$245	$281
Signage & Linemarking	$857	-	-	-	-	-	-	-	-	-	$1	$22	$21	$26	$25	$26	$26	$26	$29	$16	$27	$28	$32
Total	***$92,797***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***$26***	***$500***	***$493***	***$603***	***$575***	***$603***	***$825***	***$1,288***	***$2,402***	***$1,414***	***$2,415***	***$2,654***	***$3,214***
Public Utility Plant																							
CoGC																							
Water (Contestable)	$16,998	-	-	-	-	-	-	-	-	-	$57	$1,087	$1,030	$1,259	$1,202	$1,259	$1,259	$1,145	$1,259	$687	$1,145	$1,145	$1,316
Sewer (Contestable)	$6,161	-	-	-	-	-	-	-	-	-	-	-	-	$252	$757	$793	$793	$721	$793	$432	$721	$721	$180
Energex																							
Contestable	$10,808	-	-	-	-	-	-	-	-	-	-	-	-	-	$275	$865	$865	$786	$865	$472	$786	$786	$904
Non-Contestable	$10,602	-	-	-	$2,394	-	-	-	-	-	-	-	-	-	-	-	-	-	$289	$385	$641	$641	$737
Telstra																							
Contestable	$772	-	-	-	-	-	-	-	-	-	-	-	$41	$50	$48	$50	$50	$45	$50	$27	$45	$45	$52
Non-Contestable	$8,110	-	-	-	-	-	-	-	-	-	-	-	$429	$525	$501	$525	$525	$477	$525	$286	$477	$477	$549
APA Gas																							
Contestable	$2,797	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$179	$263	$239	$263	$143	$239	$239	$275
Non-Contestable	$1,102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$71	$104	$94	$104	$57	$94	$94	$108
Optus																							
Contestable	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Contestable	$250	-	-	-	-	-	-	-	-	-	-	-	$13	$16	$15	$16	$16	$15	$16	$9	$15	$15	$17
TPG																							
Contestable	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Contestable	$323	-	-	-	-	-	-	-	-	-	-	-	$17	$21	$20	$21	$21	$19	$21	$11	$19	$19	$22
NBN																							
Contestable	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Contestable	$1,260	-	-	-	-	-	-	-	-	-	-	-	$67	$82	$78	$82	$82	$74	$82	$44	$74	$74	$85
Other																							
Contestable	$2,681	-	-	-	-	-	-	-	-	-	$6	$123	$117	$142	$136	$142	$142	$130	$142	$78	$130	$130	$149
Non-Contestable	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	***$61,864***	***-***	***-***	***-***	***$2,394***	***-***	***-***	***-***	***-***	***-***	***$64***	***$1,210***	***$1,714***	***$2,347***	***$3,031***	***$4,002***	***$4,119***	***$3,744***	***$4,407***	***$2,631***	***$4,386***	***$4,386***	***$4,395***
Rail Alignment																							
Earthworks	$1,792	-	-	-	-	-	-	-	-	-	$0	$2	$2	$2	$2	$2	$6	$21	$39	$26	$45	$56	$68
Track (ex Rail)	$15,236	-	-	-	-	-	-	-	-	-	$25	$468	$444	$542	$518	$542	$542	$493	$542	$296	$493	$493	$567
Green Track (ex Rail)	$182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rail, Encapsulation & Stray Current System	$19,231	-	-	-	$986	$896	$986	$448	-	-	$1	$10	$9	$11	$11	$11	$54	$194	$360	$232	$406	$493	$607
Special Trackwork	$2,298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$101	$160	$176	$96	$160	$91	$62
Combined Services Route	$15,793	-	-	-	-	-	-	-	-	-	$2	$40	$38	$46	$44	$46	$64	$166	$316	$210	$382	$475	$579
Track Depot Stabling Yard	$1,614	-	-	-	-	-	-	-	-	-	-	-	$58	$98	$94	$98	$229	$276	$303	$166	$227	$65	-
Total	***$56,145***	***-***	***-***	***-***	***$986***	***$896***	***$986***	***$448***	***-***	***-***	***$27***	***$520***	***$550***	***$700***	***$668***	***$700***	***$997***	***$1,310***	***$1,737***	***$1,025***	***$1,713***	***$1,673***	***$1,883***
Traction Power & OHL																							
LV Power	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HV Energex Connections TPS	$267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$2	$9	$13	$15
Substation Civil Infrastructure	$1,726	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$9	$51	$85	$97
Substation & Electrical Segregation Facility - TPS 6	$339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$15	$30	$33	$18	$30	$30	$35
Traction Power Intake Substation (11-14)	$947	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$9	$32	$46	$53
Traction Power Substation (11-14)	$9,965	-	-	-	$2,493	$2,266	$2,493	-	$1,233	-	-	-	-	-	-	-	-	-	-	$25	$57	$68	$78
Traction Power Cabling Positives and Negatives (including terminations)	$2,534	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$15	$35	$46	$36	$80	$115	$137
Over Head Line System - Depot and Lineside (including Masts)	$5,264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$22	$38	$48	$27	$46	$31	$27
Total	***$21,041***	***-***	***-***	***-***	***$2,493***	***$2,266***	***$2,493***	***-***	***$1,233***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***$53***	***$103***	***$127***	***$127***	***$305***	***$389***	***$442***
Rail Systems Core Scope																							
MSN System	$3,684	$168	$34	$34	$34	$34	$34	$101	$539	$111	$111	$111	$74	$74	$74	$111	$111	$74	$74	$74	$74	$74	$74
SCADA System	$2,459	$112	$22	$22	$22	$22	$22	$67	$360	$74	$74	$74	$49	$49	$49	$74	$74	$49	$49	$49	$49	$49	$49
TETRA System	$1,650	$75	$15	$15	$15	$15	$15	$45	$241	$49	$49	$49	$33	$33	$33	$49	$49	$33	$33	$33	$33	$33	$33
PIDS System	$818	$37	$7	$7	$7	$7	$7	$22	$120	$25	$25	$25	$16	$16	$16	$25	$25	$16	$16	$16	$16	$16	$16
PA System	$1,080	$49	$10	$10	$10	$10	$10	$30	$158	$32	$32	$32	$22	$22	$22	$32	$32	$22	$22	$22	$22	$22	$22
CCTV System	$2,230	$102	$20	$20	$20	$20	$20	$61	$326	$67	$67	$67	$45	$45	$45	$67	$67	$45	$45	$45	$45	$45	$45
Phone System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
On Board Equipment	$532	$24	$5	$5	$5	$5	$5	$15	$78	$16	$16	$16	$11	$11	$11	$16	$16	$11	$11	$11	$11	$11	$11
UPS	$1,275	$58	$12	$12	$12	$12	$12	$35	$186	$38	$38	$38	$26	$26	$26	$38	$38	$26	$26	$26	$26	$26	$26
Railway Signalling (Points, Point Indication, Tram Priorioty & Detection)	$5,063	$231	$46	$46	$46	$46	$46	$139	$741	$152	$152	$152	$101	$101	$101	$152	$152	$101	$101	$101	$101	$101	$101
Independent Test Facility and DRC	$711	$32	$6	$6	$6	$6	$6	$19	$104	$21	$21	$21	$14	$14	$14	$21	$21	$14	$14	$14	$14	$14	$14
Project Management - System Integration	$10,388	$474	$95	$95	$95	$95	$95	$285	$1,519	$312	$312	$312	$208	$208	$208	$312	$312	$208	$208	$208	$208	$208	$208
Engineering Management - System Integration	$8,520	$389	$78	$78	$78	$78	$78	$233	$1,246	$256	$256	$256	$170	$170	$170	$256	$256	$170	$170	$170	$170	$170	$170
LV Power - Lineside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non CSR Conduits and Supporting Infrastructure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	***$38,411***	***$1,754***	***$351***	***$351***	***$351***	***$351***	***$351***	***$1,053***	***$5,618***	***$1,152***	***$1,152***	***$1,152***	***$768***	***$768***	***$768***	***$1,152***	***$1,152***	***$768***	***$768***	***$768***	***$768***	***$768***
Rail Systems Core Scope (non BT scope)																						
Rail Systems Core Scope (non BT scope)	$1,414	$25	$33	$27	$33	$30	$33	$19	$48	$32	$37	$31	$29	$36	$34	$36	$36	$32	$36	$19	$32	$32	$37
Total	***$1,414***	***$25***	***$33***	***$27***	***$33***	***$30***	***$33***	***$19***	***$48***	***$32***	***$37***	***$31***	***$29***	***$36***	***$34***	***$36***	***$36***	***$32***	***$36***	***$19***	***$32***	***$32***	***$37***
Temporary Works																						
Temporary Works	$22,461	-	-	$3,918	$4,788	-	-	-	-	-	$22	$423	$401	$490	$467	$490	$490	$445	$490	$267	$445	$445	$512
Total	***$22,461***	***-***	***-***	***$3,918***	***$4,788***	***-***	***-***	***-***	***-***	***-***	***$22***	***$423***	***$401***	***$490***	***$467***	***$490***	***$490***	***$445***	***$490***	***$267***	***$445***	***$445***	***$512***
Depot Expansion																						
Earthworks	$547	-	-	-	-	-	-	-	-	-	-	-	$44	$74	$71	$74	$74	$67	$74	$40	$30	-	-
Buildings & Structures	$2,382	-	-	-	-	-	-	-	-	-	-	-	$176	$647	$618	$647	$294	-	-	-	-	-	-
Plant & Equipment	$63	-	-	-	-	-	-	-	-	-	-	-	$5	$17	$16	$17	$8	-	-	-	-	-	-
Landscaping	$296	-	-	-	-	-	-	-	-	-	-	-	$24	$40	$38	$40	$40	$36	$40	$22	$16	-	-
Carpark and Associated Infrastructure	$380	-	-	-	-	-	-	-	-	-	-	-	$30	$51	$49	$51	$51	$47	$51	$28	$21	-	-
Solar System	$73	-	-	-	-	-	-	-	-	-	-	-	$5	$20	$19	$20	$9	-	-	-	-	-	-
Total	***$3,742***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***$284***	***$849***	***$811***	***$849***	***$476***	***$150***	***$165***	***$90***	***$68***	***-***	***-***
Testing and Shutdowns																						
Contractor Energisation, Tram Running Tests and ORT	$2,128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractor Trial Running & Pre Revenue Operation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1 Shutdown Bus Replacement	$402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1 Shutdown Service Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Permit Management, Training and Inductions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electrical Power Usage	$187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	***$2,717***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
Structures																						
Retaining Wall 1	$3,223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retaining Wall 2	$705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$2	$39	$22	$36	$36	$41
Retaining Wall 3	$12,956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	***$16,883***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***$2***	***$39***	***$22***	***$36***	***$36***	***$41***
Contractors Indirect Costs - Site																						
Preliminaries	$29,217	$15,235	$177	$27	-	$3,676	$994	-	$760	$4,224	$1,258	$81	$76	$93	$89	$93	$93	$85	$93	$51	$85	$85	$98
Traffic Management	$80,905	-	-	-	-	-	-	-	-	-	$74	$1,407	$1,333	$1,629	$1,555	$1,629	$1,727	$1,865	$2,467	$1,423	$2,416	$2,652	$3,164
Design	$45,779	$1,465	$3,174	$3,296	$2,686	$3,174	$2,686	$3,174	$1,953	$2,808	$2,930	$3,296	$2,930	$2,686	$3,174	$3,174	$2,598	$175	$168	$175	$54	-	-
Insurance	-	-	-	-	-	-	-	-															
Bonds	$2,601	$1,949	-	-	-	-	-	-	-	$651	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractor's OH&S	$10,300	-	$24	$24	$19	$24	$71	$96	$87	$95	$100	$144	$170	$199	$263	$290	$301	$323	$297	$345	$202	$335	$335
Project Management	$137,880	$216	$646	$752	$861	$948	$978	$1,122	$844	$1,265	$1,626	$2,192	$2,887	$2,919	$3,590	$3,672	$3,837	$4,117	$4,100	$4,595	$3,029	$4,602	$4,542
Total	***$306,682***	***$18,865***	***$4,020***	***$4,099***	***$3,567***	***$7,822***	***$4,729***	***$4,393***	***$3,644***	***$9,043***	***$5,988***	***$7,120***	***$7,397***	***$7,526***	***$8,672***	***$8,859***	***$8,556***	***$6,565***	***$7,125***	***$6,590***	***$5,785***	***$7,675***	***$8,139***
Contractors Indirect Costs - Offsite																						
Project Management Costs	-	-	-	-	-	-	-	-															
Corporate Overhead	$59,767	$1,695	$362	$726	$1,300	$959	$737	$496	$955	$844	$614	$1,025	$1,122	$1,291	$1,439	$1,595	$1,605	$1,427	$1,724	$1,259	$1,584	$1,777	$1,922
Total	***$59,767***	***$1,695***	***$362***	***$726***	***$1,300***	***$959***	***$737***	***$496***	***$955***	***$844***	***$614***	***$1,025***	***$1,122***	***$1,291***	***$1,439***	***$1,595***	***$1,605***	***$1,427***	***$1,724***	***$1,259***	***$1,584***	***$1,777***	***$1,922***
Risk and Contingency																						
Risk and Opportunity	$61,959	$225	$48	$543	$1,396	$448	$488	$192	$1,213	$162	$200	$879	$916	$1,203	$1,261	$1,481	$1,544	$1,531	$1,984	$1,204	$1,953	$2,015	$2,245
Contingency	$10,934	-	-	-	-	-	-	-	-	-	-	$23	$540	$495	$585	$585	$585	$585	$562	$585	$337	$540	$540
Total	***$72,893***	***$225***	***$48***	***$543***	***$1,396***	***$448***	***$488***	***$192***	***$1,213***	***$162***	***$200***	***$902***	***$1,456***	***$1,698***	***$1,846***	***$2,066***	***$2,129***	***$2,116***	***$2,547***	***$1,789***	***$2,291***	***$2,555***	***$2,785***
Margin																						
Margin	$21,312	$624	$133	$267	$479	$353	$271	$183	$385	$315	$226	$320	$359	$409	$468	$523	$526	$466	$571	$430	$525	$597	$641
Total	***$21,312***	***$624***	***$133***	***$267***	***$479***	***$353***	***$271***	***$183***	***$385***	***$315***	***$226***	***$320***	***$359***	***$409***	***$468***	***$523***	***$526***	***$466***	***$571***	***$430***	***$525***	***$597***	***$641***
450mm Diameter Water Main																						
450mm Water Main (Excavation, Supply, Installation, Restoration)	$9,731	-	-	-	-	-	-	-	-	-	$33	$623	$590	$721	$688	$721	$721	$655	$721	$393	$655	$655	$754
Total	***$9,731***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***$33***	***$623***	***$590***	***$721***	***$688***	***$721***	***$721***	***$655***	***$721***	***$393***	***$655***	***$655***	***$754***
MTO 10 - Lower Gold Coast Highway Drainage																						
MTO10 Lower Gold Coast Highway Drainage	$2,295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	***$2,295***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
Burleigh Heads Station Precint																						
Burleigh Heads Station Precint	$1,521	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	***$1,521***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
TOTAL CONSTRUCTION DRAWDOWN	$817,537	**$23,188**	**$4,947**	**$9,930**	**$17,786**	**$13,125**	**$10,088**	**$6,783**	**$13,096**	**$11,548**	**$8,400**	**$14,033**	**$15,360**	**$17,678**	**$19,697**	**$21,836**	**$21,967**	**$19,531**	**$23,603**	**$17,230**	**$21,685**	**$24,317**	**$26,311**

*Cost input for **450mm Diameter Water Main** should be stated as an "all-in" cost (ie to include all associated margins, overheads, contingencies, traffic management, etc).*
MTO10 excludes future upgrade on Deodar Drive
Burleigh Heads Station Upgrade at Station Precinct

01-Apr-23 30-Apr-23	01-May-23 31-May-23	01-Jun-23 30-Jun-23	01-Jul-23 31-Jul-23	01-Aug-23 31-Aug-23	01-Sep-23 30-Sep-23	01-Oct-23 31-Oct-23	01-Nov-23 30-Nov-23	01-Dec-23 31-Dec-23	01-Jan-24 31-Jan-24	01-Feb-24 29-Feb-24	01-Mar-24 31-Mar-24	01-Apr-24 30-Apr-24	01-May-24 31-May-24	01-Jun-24 30-Jun-24	01-Jul-24 31-Jul-24	01-Aug-24 31-Aug-24	01-Sep-24 30-Sep-24	01-Oct-24 31-Oct-24	01-Nov-24 30-Nov-24	01-Dec-24 31-Dec-24	01-Jan-25 31-Jan-25	01-Feb-25 28-Feb-25	01-Mar-25 31-Mar-25	01-Apr-25 30-Apr-25	01-May-25 31-May-25	01-Jun-25 30-Jun-25	01-Jul-25 31-Jul-25
$11	$14	$12	$13	$11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$75	$98	$9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$9	$50	$43	$48	$52	$48	$48	$50	$25	$43	$48	$45	$48	$52	$45	$16	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	$17	$94	$47	$82	$90	$86	$90	$99	$64	-	-	-	-	-	-	-	-	-	-	-	-
-	$17	$47	$52	$57	$52	$52	$55	$27	$47	$52	$50	$52	$57	$50	$10	-	-	-	-	-	-	-	-	-	-	-
$29	$37	$32	$36	$39	$36	$36	$37	$19	$32	$36	$34	$36	$39	$24	-	-	-	-	-	-	-	-	-	-	-	-
-	$79	$88	$97	$107	$97	$97	$102	$14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	$32	$42	$46	$42	$42	$44	$22	$38	$42	$40	$42	$46	$40	$46	$44	$42	$18	-	-	-	-	-	-	-	-
-	-	-	$53	$123	$112	$112	$118	$59	$102	$112	$107	$112	$123	$96	-	-	-	-	-	-	-	-	-	-	-	-
$153	$373	$316	$462	$653	$596	$627	$794	$352	$578	$639	$609	$639	$700	$533	$71	$32	$31	$13	-	-	-	-	-	-	-	-
$1	$2	$3	$3	$4	$3	$3	$4	$2	$3	$3	$3	$3	$3	$3	$1	$0	$0	$0	-	-	-	-	-	-	-	-
$27	$55	$48	$58	$69	$63	$66	$81	$35	$56	$62	$59	$62	$68	$53	$23	$19	$18	$8	-	-	-	-	-	-	-	-
$293	$379	$327	$362	$396	$362	$362	$379	$190	$327	$362	$345	$362	$396	$345	$335	$295	$282	$121	-	-	-	-	-	-	-	-
$598	***$1,104***	***$958***	***$1,227***	***$1,557***	***$1,412***	***$1,463***	***$1,759***	***$791***	***$1,309***	***$1,446***	***$1,378***	***$1,446***	***$1,584***	***$1,253***	***$502***	***$391***	***$373***	***$160***	-	-	-	-	-	-	-	-
$26	$44	$47	$54	$60	$58	$87	$96	$47	$76	$84	$79	$72	$53	$35	$14	$11	$10	$4	-	-	-	-	-	-	-	-
$154	$258	$279	$331	$380	$352	$401	$444	$215	$343	$379	$342	$335	$319	$210	$94	$71	$67	$29	-	-	-	-	-	-	-	-
$568	$960	$1,043	$1,209	$1,374	$1,249	$1,424	$1,588	$761	$1,213	$1,341	$1,207	$1,189	$1,134	$765	$412	$348	$333	$143	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$48	$72	$67	$106	$133	$117	$131	$139	$65	$109	$121	$115	$116	$115	$77	$44	$42	$40	$17	-	-	-	-	-	-	-	-
$49	$145	$203	$234	$257	$235	$242	$267	$133	$228	$253	$240	$250	$271	$110	$60	$53	$51	$22	-	-	-	-	-	-	-	-
$1,341	$2,106	$2,410	$2,767	$3,097	$2,843	$3,089	$3,393	$1,665	$2,742	$3,031	$2,687	$2,686	$2,628	$1,836	$820	$593	$566	$242	-	-	-	-	-	-	-	-
$34	$44	$38	$42	$46	$42	$42	$44	$22	$38	$42	$40	$42	$46	$40	$46	$44	$42	$18	-	-	-	-	-	-	-	-
$9	$11	$10	$11	$12	$11	$11	$11	$6	$10	$11	$10	$11	$12	$7	-	-	-	-	-	-	-	-	-	-	-	-
$208	$269	$232	$257	$281	$257	$257	$269	$135	$232	$257	$245	$257	$281	$245	$281	$269	$257	$110	-	-	-	-	-	-	-	-
$24	$33	$29	$32	$35	$32	$33	$35	$18	$30	$33	$31	$32	$34	$28	$29	$27	$26	$11	-	-	-	-	-	-	-	-
$2,460	***$3,943***	***$4,357***	***$5,041***	***$5,675***	***$5,196***	***$5,715***	***$6,287***	***$3,064***	***$5,022***	***$5,551***	***$4,997***	***$4,989***	***$4,891***	***$3,352***	***$1,800***	***$1,458***	***$1,391***	***$596***	-	-	-	-	-	-	-	-
$973	$1,259	$916	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$668	$865	$747	$825	$904	$197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$545	$705	$609	$673	$737	$673	$673	$705	$192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$39	$50	$43	$48	$52	$36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$406	$525	$453	$501	$549	$382	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$203	$263	$227	$251	$12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$80	$104	$90	$99	$5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$13	$16	$14	$15	$17	$12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$16	$21	$18	$20	$22	$15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$63	$82	$70	$78	$85	$59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$110	$142	$123	$136	$149	$136	$136	$142	$39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$3,115	***$4,031***	***$3,310***	***$2,646***	***$2,532***	***$1,510***	***$809***	***$848***	***$231***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$53	$92	$97	$105	$116	$104	$124	$138	$66	$102	$113	$100	$96	$86	$57	$26	$20	$19	$8	-	-	-	-	-	-	-	-
$419	$542	$468	$518	$567	$518	$518	$542	$271	$468	$518	$493	$518	$567	$493	$567	$542	$518	$222	-	-	-	-	-	-	-	-
-	-	-	$8	$18	$17	$17	$17	$9	$15	$17	$16	$17	$18	$14	-	-	-	-	-	-	-	-	-	-	-	-
$474	$815	$856	$954	$1,060	$937	$1,094	$1,218	$581	$910	$1,006	$888	$858	$779	$501	$211	$159	$152	$65	-	-	-	-	-	-	-	-
$46	$70	$79	$122	$159	$103	$103	$108	$54	$93	$103	$98	$103	$113	$91	$6	-	-	-	-	-	-	-	-	-	-	-
$450	$766	$807	$904	$1,019	$931	$1,062	$1,178	$564	$888	$981	$868	$852	$801	$535	$272	$209	$199	$99	-	-	-	-	-	-	-	-
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$1,442	***$2,285***	***$2,307***	***$2,610***	***$2,939***	***$2,610***	***$2,917***	***$3,202***	***$1,544***	***$2,477***	***$2,738***	***$2,463***	***$2,444***	***$2,364***	***$1,691***	***$1,082***	***$931***	***$888***	***$394***	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$11	$15	$13	$14	$15	$14	$14	$15	$7	$13	$14	$13	$14	$15	$13	$12	$7	$6	$4	-	-	-	-	-	-	-	-
$72	$93	$80	$89	$97	$89	$89	$93	$47	$80	$89	$85	$89	$97	$85	$82	$56	$50	$23	-	-	-	-	-	-	-	-
$26	$33	$29	$32	$26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$39	$51	$44	$48	$53	$48	$48	$51	$25	$44	$48	$46	$48	$53	$46	$43	$28	$25	$17	-	-	-	-	-	-	-	-
$57	$74	$64	$71	$78	$71	$71	$74	$37	$64	$71	$68	$71	$78	$68	$71	$59	$55	$51	-	-	-	-	-	-	-	-
$105	$166	$155	$157	$163	$128	$143	$156	$72	$117	$129	$111	$111	$106	$88	$63	$41	$38	$21	-	-	-	-	-	-	-	-
$21	$35	$38	$44	$48	$42	$50	$57	$27	$44	$48	$43	$41	$2,136	$318	$69	$64	$1,896	$3	-	-	-	-	-	-	-	-
$332	***$467***	***$422***	***$454***	***$480***	***$391***	***$415***	***$446***	***$216***	***$362***	***$400***	***$366***	***$374***	***$2,485***	***$618***	***$339***	***$255***	***$2,070***	***$118***	-	-	-	-	-	-	-	-
$74	$74	$74	$74	$74	$74	$74	$74	$74	$74	$74	$74	$74	$74	$74	$74	$74	$74	$55	$37	$37	$37	-	-	-	-	-
$49	$49	$49	$49	$49	$49	$49	$49	$49	$49	$49	$49	$49	$49	$49	$49	$49	$49	$37	$25	$25	$25	-	-	-	-	-
$33	$33	$33	$33	$33	$33	$33	$33	$33	$33	$33	$33	$33	$33	$33	$33	$33	$33	$25	$16	$16	$16	-	-	-	-	-
$16	$16	$16	$16	$16	$16	$16	$16	$16	$16	$16	$16	$16	$16	$16	$16	$16	$16	$12	$8	$8	$8	-	-	-	-	-
$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$16	$11	$11	$11	-	-	-	-	-
$45	$45	$45	$45	$45	$45	$45	$45	$45	$45	$45	$45	$45	$45	$45	$45	$45	$45	$33	$22	$22	$22	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$11	$11	$11	$11	$11	$11	$11	$11	$11	$11	$11	$11	$11	$11	$11	$11	$11	$11	$8	$5	$5	$5	-	-	-	-	-
$26	$26	$26	$26	$26	$26	$26	$26	$26	$26	$26	$26	$26	$26	$26	$26	$26	$26	$19	$13	$13	$13	-	-	-	-	-
$101	$101	$101	$101	$101	$101	$101	$101	$101	$101	$101	$101	$101	$101	$101	$101	$101	$101	$76	$51	$51	$51	-	-	-	-	-
$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$11	$7	$7	$7	-	-	-	-	-
$208	$208	$208	$208	$208	$208	$208	$208	$208	$208	$208	$208	$208	$208	$208	$208	$208	$208	$156	$104	$104	$104	-	-	-	-	-
$170	$170	$170	$170	$170	$170	$170	$170	$170	$170	$170	$170	$170	$170	$170	$170	$170	$170	$128	$85	$85	$85	-	-	-	-	-
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$768	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$768*	*$576*	*$384*	*$384*	*$384*	-	-	-	-	-	-
$27	$36	$31	$34	$37	$34	$34	$36	$18	$31	$34	$32	$34	$37	$32	$37	$36	$34	$37	$34	$36	$10	-	-	-	-	-	-
$27	*$36*	*$31*	*$34*	*$37*	*$34*	*$34*	*$36*	*$18*	*$31*	*$34*	*$32*	*$34*	*$37*	*$32*	*$37*	*$36*	*$34*	*$37*	*$34*	*$36*	*$10*	-	-	-	-	-	-
$378	$490	$423	$467	$512	$467	$467	$490	$245	$423	$467	$445	$467	$512	$445	$512	$490	$467	$200	-	-	-	-	-	-	-	-	-
$378	*$490*	*$423*	*$467*	*$512*	*$467*	*$467*	*$490*	*$245*	*$423*	*$467*	*$445*	*$467*	*$512*	*$445*	*$512*	*$490*	*$467*	*$200*	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	$47	$180	$172	$164	$180	$164	$172	$180	$156	$164	$172	$172	$78	$126
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	$9	$34	$33	$31	$34	$31	$33	$34	$30	$31	$33	$33	$15	$20
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	$4	$16	$15	$15	$16	$15	$15	$16	$14	$15	$15	$15	$7	$9
-	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*$60*	*$230*	*$220*	*$210*	*$230*	*$210*	*$220*	*$230*	*$200*	*$210*	*$220*	*$220*	*$100*	*$156*
-	-	-	$230	$294	$269	$278	$334	$167	$288	$318	$303	$318	$349	$74	-	-	-	-	-	-	-	-	-	-	-	-	-
$30	$39	$34	$38	$41	$38	$38	$39	$20	$34	$38	$36	$38	$41	$25	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	$621	$815	$892	$815	$815	$853	$427	$737	$815	$776	$815	$892	$776	$892	$853	$815	$349	-	-	-	-	-	-	-	-	-
$30	*$39*	*$655*	*$1,083*	*$1,228*	*$1,121*	*$1,131*	*$1,226*	*$613*	*$1,059*	*$1,171*	*$1,115*	*$1,171*	*$1,282*	*$875*	*$892*	*$853*	*$815*	*$349*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*
$72	$93	$81	$89	$98	$89	$89	$93	$47	$81	$89	$85	$89	$98	$85	$98	$93	$89	$38	-	-	-	-	-	-	-	$148	$102
$2,411	$3,736	$3,905	$4,458	$4,992	$4,581	$5,008	$5,457	$2,293	$3,032	$3,351	$2,903	$2,845	$2,678	$1,879	$1,214	$1,017	$971	$489	$110	$115	$120	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$384	$288	$368	$319	$354	$384	$354	$351	$368	$186	$319	$351	$337	$335	$368	$337	$361	$190	$143	$112	$88	$48	$41	$41	$43	$45	$45	-
$5,013	$4,076	$4,943	$4,505	$5,010	$5,255	$4,917	$4,901	$4,663	$2,926	$4,124	$4,361	$4,098	$4,017	$3,993	$3,384	$3,144	$2,705	$2,188	$1,629	$998	$613	$605	$495	$507	$528	$523	$419
$7,880	*$8,194*	*$9,296*	*$9,371*	*$10,453*	*$10,310*	*$10,367*	*$10,803*	*$7,370*	*$6,224*	*$7,882*	*$7,700*	*$7,369*	*$7,128*	*$6,325*	*$5,034*	*$4,615*	*$3,955*	*$2,858*	*$1,851*	*$1,201*	*$781*	*$646*	*$535*	*$549*	*$572*	*$716*	*$521*
$1,611	$2,027	$2,125	$2,201	$2,439	$2,217	$2,244	$2,408	$1,367	$1,626	$1,871	$1,756	$1,742	$1,930	$1,404	$1,013	$906	$1,000	$492	$209	$158	$122	$81	$73	$76	$77	$72	$63
$1,611	*$2,027*	*$2,125*	*$2,201*	*$2,439*	*$2,217*	*$2,244*	*$2,408*	*$1,367*	*$1,626*	*$1,871*	*$1,756*	*$1,742*	*$1,930*	*$1,404*	*$1,013*	*$906*	*$1,000*	*$492*	*$209*	*$158*	*$122*	*$81*	*$73*	*$76*	*$77*	*$72*	*$63*
$1,700	$2,465	$2,482	$2,680	$2,966	$2,595	$2,682	$2,932	$1,401	$2,090	$2,299	$2,094	$2,110	$2,403	$1,615	$1,122	$986	$1,195	$475	$101	$103	$102	$42	$44	$46	$46	$21	$31
$607	$495	$585	$517	$585	$607	$585	$562	$427	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,308	*$2,960*	*$3,067*	*$3,198*	*$3,551*	*$3,202*	*$3,267*	*$3,495*	*$1,829*	*$2,090*	*$2,299*	*$2,094*	*$2,110*	*$2,403*	*$1,615*	*$1,122*	*$986*	*$1,195*	*$475*	*$101*	*$103*	*$102*	*$42*	*$44*	*$46*	*$46*	*$21*	*$31*
$545	$684	$740	$821	$910	$827	$837	$898	$510	$606	$698	$655	$650	$720	$523	$378	$338	$373	$183	$78	$59	$46	$30	$27	$28	$29	$27	$24
$545	*$684*	*$740*	*$821*	*$910*	*$827*	*$837*	*$898*	*$510*	*$606*	*$698*	*$655*	*$650*	*$720*	*$523*	*$378*	*$338*	*$373*	*$183*	*$78*	*$59*	*$46*	*$30*	*$27*	*$28*	*$29*	*$27*	*$24*
$557	$721	$524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$557	*$721*	*$524*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$110	$144	$158	$144	$144	$151	$76	$131	$144	$137	$144	$158	$137	$158	$151	$144	$62	-	-	-	-	-	-	-	-	-	-	-
$110	*$144*	*$158*	*$144*	*$144*	*$151*	*$76*	*$131*	*$144*	*$137*	*$144*	*$158*	*$137*	*$158*	*$151*	*$144*	*$62*	-	-	-	-	-	-	-	-	-	-	-
-	$66	$152	$139	$139	$146	$73	$126	$139	$132	$139	$152	$119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	*$66*	*$152*	*$139*	*$139*	*$146*	*$73*	*$126*	*$139*	*$132*	*$139*	*$152*	*$119*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$22,161	**$27,959**	**$29,294**	**$30,205**	**$33,364**	**$30,362**	**$30,583**	**$32,920**	**$18,850**	**$22,266**	**$25,608**	**$24,078**	**$23,820**	**$26,262**	**$19,112**	**$13,853**	**$12,307**	**$13,539**	**$6,669**	**$2,868**	**$2,161**	**$1,674**	**$998**	**$889**	**$919**	**$944**	**$936**	**$795**

GOLD COAST LIGHT RAIL - STAGE 3: Early Works Cashflow

Item	Description	Day 1 Invoice	June Invoice	July Invoice	August Invoice	September Invoice	October Invoice	November Invoice	Additional Details
1	**Design Development**		**$3,541**	**$3,663**	**$3,052**	**$3,541**	**$2,686**	**$3,174**	
1.1	Stage 3 Road Rail and Systems								
	Mobilise Design Resources		**$1,500**	**$200**					Milestone Payment at the start of each Design Package
	Design Development Project Management		**$639**	**$911**	**$911**	**$911**	**$545**	**$545**	Progressive monthly lump sum based on progress against design development
	Design Packages - Areas 000-400		**$1,051**	**$2,201**	**$1,791**	**$2,279**	**$1,791**	**$2,279**	Earned Value Measurement - Completeness of Design
1.2	*COGC (W&W) PUP*		**$350**	**$350**	**$350**	**$350**	**$350**	**$350**	Earned Value Measurement - Completeness of Design
1.3	Non Contestable PUP Designs				**$2,394**				Milestone Payment on Execution of the Agreement
1.4	Rail Systems Core Scope*	**$1,754**	**$351**	**$351**	**$351**	**$351**	**$351**	**$1,053**	Progressive Payments
1.5	Rail Systems Core Scope (non BT scope)		**$25**	**$33**	**$27**	**$33**	**$30**	**$33**	Earned Value Measurement - Completeness of Design
2	**Temporary Works**			**$3,918**	**$4,788**				Potholing and slot trenching of existing PUP, Traffic Management & Geotechnical Investigation and Testing. Earned Value Measurement - Percentage of total potholes completed
3	**Materials**								
	Rail, Encapsulation & Stray Current System, Grooved rail and rail turnouts				**$986**	**$896**	**$986**	**$448**	Milestone Payments on Execution of the Agreements
	Traction Power Substation (11-14)				**$2,493**	**$2,266**	**$2,493**		
4	**D&C Contractors Indirect costs - Site (excluding Design Development)**	**$12,275**	**$846**	**$802**	**$881**	**$972**	**$1,049**	**$1,218**	Progressive monthly lump sum based on progress against D&C Program to cover Preliminaries, Project Management. Management Plan Development, Environmental & Planning Approvals and Obligations under the Stage 3 D&C Documents and PSR
	Site establishment / Satellite Office	**$500**				**$3,176**	**$994**		Establish Site Office
5	**D&C Contractors Indirect Cost (offsite) allowances and Margin**	**$2,544**	**$543**	**$1,536**	**$3,175**	**$1,760**	**$1,497**	**$870**	
	Monthly	***$17,073***	***$5,306***	***$10,302***	***$18,146***	***$12,994***	***$10,086***	***$6,796***	

	Pre-Priced Element								
	MTO2 - Dudley Street Drainage			$ 147	$ 147	$ 147			
	MTO4 - Harmonic Filters Scenario 1			$ 63	$ 63	$ 63			
	MTO4 - Harmonic Filters Scenario 2			$ 63	$ 63	$ 63			
	MTO5 - Nobby Beach Precinct Works			$ 31	$ 31	$ 31			

GOLD COAST LIGHT RAIL - STAGE 3

D&C COST CHANGE

All values in thousands of nominal AUD.

All values in May 2021 AUD (assuming 7 June 2021 as base date)

		RFC #3331	*RFC #7877.4*	*RFC #7577*	*RFC #5435*	*RFC #2334.2*	*RFC #2334.3*	*RFC #7109**	** RFC #7109 R&C item #A7 Breakdown*	*POST R&C*	*POST R&C Cost change breakdown*	*#4913*	*MTO Inclusion & Bus stop Reduced drainage*	*Price Change*	*Provided under #3499 1-Dec-20*	*Price Change*	*Provided under #5156 3-Dec-20*	*Price Change*	*Second commitment deed 18 December 2020*	*Price Change*	*Third Commitment Deed 16 March 2020*
Station Areas																					
Broadbeach South Station Terminus	$32	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Mermaid Beach Station	$121	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Mermaid Beach South Station	$121	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Nobby Beach Station	$121	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Miami North Station	$125	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Miami Station	$121	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Christine Avenue Station	$125	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Second Avenue Burleigh Station	$122	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Burleigh Heads Terminus Station	$205	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Station Areas Landscaping (Hard and Soft)	$3,347	-	-	-	-	-	-	-		-		-		-		-		-		($2)	
Wayfinding	$8	-	-	-	-	-	-	-		-		-		-		-		-		$0	
Station Signage (including Stage 1 and Stage 2 upgrades)	$187	-	-	-	-	-	-	-		-		-		-		-		-		$0	
LV Power and NBN Communications	$2,089	-	-	-	-	-	-	-		-		-		-		-		-		$0	
Total	***$6,724***	-	-	-	-	-	-	-		-		-		-		-		-		***($5)***	
Roads & Traffic Signalling (ITS)																					
Demolition	$202	-	-	-	-	-	-	-		-		-		-		-		-		-	
Earthworks	$1,263	-	-	-	-	$985	-	$15	#2332.2	-		$10	Bus only	($1,000)	Contamination threshold	-		-		$0	
Pavements	$4,101	-	$324	-	-	-	-			-		($220)	Drainage and Bus	-		-		-		$2	
Lower Gold Coast Highway	-	-	-	-	-	-	-			-		-		-		-		-		-	
Road Furniture	$249	-	-	-	-	-	-			-		($79)	Bus only	-		-		-		$0	
Landscaping	$1,195	-	-	-	-	-	-	$36	#2702	-		-		-		-		-		$1	
Drainage	$16,593	-	$5,356	-	-	-	$320			-		($5,356)	Drainage	-		-		-		$89	Subcontractor Impact
Street Lighting	$339	-	-	$61	-	-	-			-		-		-		-		-		($0)	
Shared Path (Hythe Street to Kelly Avenue)	$45	-	-	-	-	-	-			-		-		-		-		-		$0	
ITS Infrastructure (inc SCR CCTV & SCR Fibre)	$305	-	-	-	-	-	-	$43	#2316	-		-		-		-		-		($0)	
Signage & Linemarking	$128	-	-	-	-	-	-			-		-		-		-		-		-	
Total	***$24,421***	-	***$5,680***	***$61***	-	***$985***	***$320***	***$95***		-		***($5,646)***		***($1,000)***		-		-		***$92***	
Public Utility Plant																					
CoGC																					
Water (Contestable)	$4,339	-	-	-	-	-	-	$1,673	#5417	-		-		-		-		-		($50)	128 / 129 waterman scope removal
Sewer (Contestable)	$958	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Energex																					
Contestable	$4,559	-	-	-	-	$2,168	-	-		-		-		-		-		-		-	
Non-Contestable	$1,370	-	-	-	-	$1,200	-	-		-		-		-		-		-		($0)	
Telstra																					
Contestable	$409	-	-	-	-	-	$330	-		-		-		-		-		-		$2	
Non-Contestable	$3,911	-	-	-	-	-	$2,684	-		$870	Dial before you dig	-		-		-		-		-	
APA Gas																					
Contestable	$709	-	-	-	-	$201	-	-		-		-		-		-		-		-	
Non-Contestable	$118	-	-	-	-	$118	-	-		-		-		-		-		-		$0	
Optus																					
Contestable	-	-	-	-	-	-	-	-		-		-		-		-		-		-	
Non-Contestable	$250	-	-	-	-	-	$250	-		-		-		-		-		-		$0	
TPG																					
Contestable	-	-	-	-	-	-	-	-		-		-		-		-		-		-	
Non-Contestable	$250	-	-	-	-	-	$250	-		-		-		-		-		-		($0)	
NBN																					
Contestable	-	-	-	-	-	-	-	-		-		-		-		-		-		-	
Non-Contestable	$610	-	-	-	-	-	$610	-		-		-		-		-		-		$0	
Other																					
Contestable	$2,407	-	-	-	-	-	-	-		$2,085	GPR	-		-		-		-		($0)	
Non-Contestable	-	-	-	-	-	-	-	-		-		-		-		-		-		-	
Total	***$19,890***	-	-	-	-	***$3,688***	***$4,124***	***$1,673***		***$2,955***		-		-		-		-		***($48)***	
Rail Alignment																					
Earthworks	$363	-	-	-	-	-	-	-		-		-		-		-		-		$0	
Track (ex Rail)	$3,049	-	-	-	-	-	-	-		-		-		-		-		-		$9	Supplier impact
Green Track (ex Rail)	$69	-	-	-	-	-	-	-		-		-		-		-		-		-	
Rail, Encapsulation & Stray Current System	$1,282	-	-	-	$285	-	-	-		-		-		-		-		-		$0	
Special Trackwork	$103	-	-	-	-	-	-	-		-		-		-		-		-		($0)	
Combined Services Route	$7,233	-	-	-	-	-	$1,107	$2,918	#354.1	-		-		-		-		-		$0	
Track Depot Stabling Yard	$201	-	-	-	-	-	-	-		-		-		-		-		-		$1	
Total	***$12,301***	-	-	-	***$285***	-	***$1,107***	***$2,918***		-		-		-		-		-		***$10***	
Traction Power & OHL																					
LV Power	-	-	-	-	-	-	-	-		-		-		-		-		-		-	
HV Energex Connections TPS	$39	-	-	-	-	-	-	-		-		-		-		-		-		-	
Substation Civil Infrastructure	$344	-	-	-	-	-	-	-		-		-		-		-		-		$0	
Substation & Electrical Segregation Facility - TPS 6	$339	$314	-	-	-	-	-	-		-		-		-		-		-		$0	
Traction Power Intake Substation (11-14)	$72	-	-	-	-	-	-	-		-		-		-		-		-		$0	
Traction Power Substation (11-14)	$1,414	-	-	-	-	-	-	-		-		-		-		-		-		-	
Traction Power Cabling Positives and Negatives (including terminations)	$166	-	-	-	-	-	-	-		-		-		-		-		-		-	
Over Head Line System - Depot and Lineside (including Masts)	$254	-	-	-	-	-	-	-		-		-		-		-		-		$4	
Total	***$2,628***	***$314***	-	-	-	-	-	-		-		-		-		-		-		***$4***	
Rail Systems Core Scope																					
MSN System	($232)	-	-	-	-	-	-	$57		($644)	Relocated BT scope gap	-		-		-		-		$0	
SCADA System	$603	-	-	-	-	-	-	$215		-		-		-		-		-		($0)	
TETRA System	$244	-	-	-	-	-	-	$133		-		-		-		-		-		($0)	
PIDS System	$173	-	-	-	-	-	-	$26		-		-		-		-		-		($0)	
PA System	$96	-	-	-	-	-	-	($6)		($51)	Relocated BT scope gap	-		-		-		-		-	
CCTV System	$103	-	-	-	-	-	-	$10		($78)	Relocated BT scope gap	-		-		-		-		$0	
Phone System	-	-	-	-	-	-	-			-		-		-		-		-		-	
On Board Equipment	$110	-	-	-	-	-	-	$34		-		-		-		-		-		($0)	
UPS	$183	-	-	-	-	-	-	$38		-		-		-		-		-		($0)	
Railway Signalling (Points, Point Indication, Tram Priorioty & Detection)	$921	-	-	-	-	-	-	$469		-		-		-		-		-		$0	
Independent Test Facility and DRC	$201	-	-	-	-	-	-	$59		-		-		-		-		-		$0	
Project Management - System Integration	$1,704	-	-	-	-	-	-	($736)		-		-		-		-		-		$0	
Engineering Management - System Integration	$2,119	-	-	-	-	-	-	$543		-		-		-		-		-		$0	
LV Power - Lineside	$450	-	-	-	-	-	-	-		-		-		-		$450	Revised BT price	-		-	
Non CSR Conduits and Supporting Infrastructure	$305	-	-	-	-	-	-	-		-		-		-		$305	Revised BT price	-		-	
Total	***$6,980***	-	-	-	-	-	-	***$842***		***($774)***		-		-		***$755***		-		***$0***	
Rail Systems Core Scope (non BT scope)																					
Rail Systems Core Scope (non BT scope)	$1,414	-	-	-	-	-	-	-		$774	Relocated BT scope gap	-		-		-		-		$529	Tetra mast inclusion
Total	***$1,414***	-	-	-	-	-	-	-		***$774***		-		-		-		-		***$529***	
Temporary Works																					
Temporary Works	$1,542	-	-	-	-	-	-	$97	#1405	-		-		-		-		-		($0)	
Total	***$1,542***	-	-	-	-	-	-	***$97***		-		-		-		-		-		***($0)***	

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GOLD COAST LIGHT RAIL - STAGE 3

PRE-PRICED ELEMENTS

All values in thousands of nominal AUD.

All values in May 2021 AUD (assuming 7 June 2021 as base date)

		Pre-Priced Element	*Pre-Priced Element*	*Pre-Priced Element*	*Pre-Priced Element*
		Dudley St Drainage Works	*Harmonic Filters Scenario 1*	*Harmonic Filters Scenario 2*	*Nobbys Beach Precinct*
Mandatory Tender Options - DJC					
MTO direct job cost	$5,403	$3,139	$837	$908	$519
Total	***$5,403***	***$3,139***	***$837***	***$908***	***$519***
Contractors Indirect Costs - Site					
Preliminaries	$134	$81	$20	$20	$13
Design	$573	$373	$81	$81	$39
Contractor's OH&S	$19	$12	$3	$3	$2
Project Management	$1,168	$820	$123	$123	$102
Total	***$1,895***	***$1,285***	***$227***	***$227***	***$155***
Contractors Indirect Costs - Offsite					
Project Management Costs	-	-	-	-	-
Corporate Overhead	$686	$434	$93	$99	$61
Total	***$686***	***$434***	***$93***	***$99***	***$61***
Risk and Contingency					
Risk and Opportunity	$1,092	$880	$72	$72	$68
Contingency	$74	$44	$11	$11	$7
Total	***$1,166***	***$925***	***$83***	***$83***	***$75***
Margin					
Margin	$254	$160	$34	$37	$22
Total	***$254***	***$160***	***$34***	***$37***	***$22***
TOTAL FOR ALL PRE-PRICED ELEMENTS	$9,404	**$5,943**	**$1,275**	**$1,354**	**$832**

GOLD COAST LIGHT RAIL - STAGE 3

PUP's Construction Cost Summary (excluding deisgn)

All values in thousands of nominal AUD.
All values in May 2021 AUD (assuming 7 June 2021 as base date)

		PUP Cost
CoGC		
Water		
#WA-100-002 : COGC Conflict ID : W-02-01A (Zone 1A)	$83	$83
WA-100-003 - (Zone 1A) - HDD	$5,035	$5,035
WA-100-007 - (Zone 1A)	$36	$36
#WA-100-010 - (Zone 1A)	$36	$36
WA-100-011 - (Zone i55)	$36	$36
WA-100-021 - (Zone i59)	$59	$59
#WA-100-029 - (Zone 1D)	$36	$36
WA-100-031 - (Zone 1D)	$24	$24
WA-100-034 - (Zone 1E)	$142	$142
WA-100-037 - (Zone i62)	$24	$24
WA-100-043 - (Zone 1E)	$107	$107
WA-100-045 - (Zone 1E)	$107	$107
WA-100-046 - (Zone 1E)	$107	$107
WA-100-052 - (Zone 1F)	$107	$107
WA-100-059 - (Zone 1F)	$107	$107
WA-100-061 - (Zone 1F)	$107	$107
WA-100-068 - (Zone i67)	$107	$107
WA-100-208 - (Zone 1B)	$36	$36
#WA-100-209 - (Zone 1F)	$36	$36
#WA-100-214 : COGC Conflict ID : W-02-01C (Zone i55)	$59	$59
WA-100-215 - (Zone 1B)	$71	$71
WA-100-223 - (Zone i69)	$154	$154
WA-100-229 - (Zone i62)	$24	$24
WA-100-006 : COGC Conflict ID : W-02-02 (Zone 1B)	$36	$36
#WA-100-008 : COGC Conflict ID : W-02-03 (Zone 1A) - HDD $WD	$921	$921
WA-100-004 : COGC Conflict ID : W-03-08 (Zone 1B)	$24	$24
#WA-100-018 : COGC Conflict ID : W-03-09 (Zone i56)	$71	$71
WA-100-014 : COGC Conflict ID : W-03-01 (Zone 1C)	$24	$24
WA-100-022 : COGC Conflict ID : W-04-01 (Zone 1C)	$118	$118
WA-100-024 : COGC Conflict ID : W-04-03&04 (Zone 1D)	$36	$36
WA-100-030 : COGC Conflict ID : W-04-02 (Zone 1D)	$24	$24
#WA-100-038 : COGC Conflict ID : W-05-01 (Zone i62)	$24	$24
WA-100-053 : COGC Conflict ID : W-06-01 (Zone 1F)	$24	$24
WA-100-060 : COGC Conflict ID : W-06-02 (Zone 1F)	$24	$24
WA-100-057 : COGC Conflict ID : W-06-03 (Zone 1F)	$24	$24
#WA-100-054 : COGC Conflict ID : W-06-05 (Zone 1F) $WD	$71	$71
WA-100-051 : COGC Conflict ID : W-06-07 (Zone 1F)	$166	$166
WA-100-066 : COGC Conflict ID : W-07-01 (Zone i67)	$24	$24
WA-100-071 : COGC Conflict ID : W-08-01 (Zone 1G)	$24	$24
WA-100-074 : COGC Conflict ID : W-08-02 (Zone i69)	$36	$36
WA-100-073 : COGC Conflict ID : W-08-03 (Zone i69)	$71	$71
WA-100-072 : COGC Conflict ID : W-08-06 (Zone 1G)	$53	$53
WA-100-218 : COGC Conflict ID : W-06-04 (Zone i60)	$107	$107
WA-100-224 : COGC Conflict ID : W-08-05&06 (Zone 1G)	$24	$24

WA-200-083 : COGC Conflict ID : W-09-01 (Zone i70)	$107	$107
WA-200-090 (Zone i71)	$107	$107
#WA-200-091 : COGC Conflict ID : W-10-01 (Zone i71)	$47	$47
WA-200-092 (Zone 1K)	$95	$95
WA-200-094 : COGC Conflict ID : W-11-03&04A (Zone 1K)	$107	$107
WA-200-104 : COGC Conflict ID : W-11-01 (Zone 1K)	$95	$95
WA-200-106 : COGC Conflict ID : W-11-02 (Zone i73)	$24	$24
WA-200-110 Zone i73)	$107	$107
WA-200-119 (Zone 2A)	$95	$95
WA-200-121 : COGC Conflict ID : W-13-05&06 (Zone 2A)	$95	$95
WA-200-122 : COGC Conflict ID : W-13-01 (Zone 2A)	$107	$107
WA-200-123 : COGC Conflict ID : W-13-02 (Zone 2A)	$12	$12
WA-200-124	$12	$12
#WA-200-125 : COGC Conflict ID : W-13-03 (Zone 2A) - HDD $WD	$284	$284
#WA-200-128 : COGC Conflict ID : W-14-09 (Zone i76/i77) - HDD $WD	$462	$462
WA-200-130	$36	$36
WA-200-131	$36	$36
WA-200-132 : COGC Conflict ID : W-14-01&07 (Zone 2C)	$154	$154
WA-200-134	$24	$24
WA-200-225 : COGC Conflict ID : W-13-03 (Zone 2A) - CHECK	$24	$24
WA-200-137 : COGC Conflict ID : W-14-02 (Zone 2C)	$24	$24
WA-200-138 : COGC Conflict ID : W-15-01A (Zone ?)	$24	$24
WA-200-139 : COGC Conflict ID : W-15-02A (Zone ?)	$24	$24
WA-200-140 : COGC Conflict ID : W-15-03A (Zone ?)	$24	$24
WA-200-141 : COGC Conflict ID : W-15-05 (Zone 2C) - CHECK	$24	$24
WA-300-143 : COGC Conflict ID : W-15-04 (Zone i79)	$47	$47
WA-300-146 : (Zone 2D)	$107	$107
WA-300-149 : COGC Conflict ID : W-15-06 (A&B) (Zone 2D)	$24	$24
WA-300-150 : COGC Conflict ID : W-15-07 (A&B) (Zone 2D)	$24	$24
WA-300-152 : COGC Conflict ID : W-16-02 (A&B) (Zone 2D)	$24	$24
WA-300-153 : COGC Conflict ID : W-16-03 (A&B) (Zone 2D)	$24	$24
WA-300-154 : COGC Conflict ID : W-16-04 (A&B) (Zone 2D)	$24	$24
WA-300-155 : COGC Conflict ID : W-16-05 (A&B) (Zone 2D)	$24	$24
WA-300-159 : GOGC Conflict ID : W-16-06&08 (Zone 2E)	$107	$107
WA-300-162	$24	$24
WA-300-166 : GOGC Conflict ID : W-16-12 (Zone 2F)	$95	$95
WA-300-170 : (Zone 2F)	$107	$107
WA-300-177	$12	$12
WA-300-179 : COGC Conflict ID : W-17-07 (Zone 2D)	$107	$107
WA-300-178 : COGC Conflict ID : W-17-09 (Zone 2D)	$24	$24
WA-300-181 : COGC Conflict ID : W-17-02 (Zone 2D)	$24	$24
WA-300-182 : COGC Conflict ID : W-17-03 (Zone 2D)	$24	$24
WA-300-183 : COGC Conflict ID : W-18-01 (Zone 2D)	$272	$272
#WA-300-187 : COGC Conflict ID : W-18-02 (Zone 2G)	$201	$201
#WA-300-189 : COGC Conflict ID : W-18-03 (Zone i85)	$154	$154
WA-300-190 : COGC Conflict ID : W-19-01 (Zone i85)	$95	$95
#WA-300-192 : COGC Conflict ID : W-19-03 (Zone 2I) $WD	$166	$166
WA-300-193 : COGC Conflict ID : W-19-04 (Zone 2I)	$24	$24
WA-300-194 : COGC Conflict ID : W-19-05 (Zone 2I)	$24	$24
#WA-300-200 : COGC Conflict ID : W-19-06 (Zone 2I) $WD	$201	$201
WA-300-195 : COGC Conflict ID : W-19-07 (Zone 2I)	$24	$24
#WA-300-196 (CHECK - NO MTO)(Zone 2I) $WD	$154	$154
WA-300-205 : COGC Conflict ID : W-19-11 (Zone 2I)	$24	$24

WA-300-206 : COGC Conflict ID : W-19-11 (Zone 2I)	$24	$24
WA-300-226 (CHECK - NO MTO?)(Zone i79)	$24	$24
WA-300-227	$24	$24
WA-300-228 : COGC Conflict ID : W-19-12 (Zone 2E)	$95	$95
WA-300-142 : COGC Conflict ID : W-15-10 (Zone i79)	$59	$59
WA-300-151 : COGC Conflict ID : W-16-01 (Zone 2D)	$24	$24
#WA-300-174 : COGC Conflict ID : W-17-01 (Zone 2D) - HDD $WD	$1,042	$1,042
#WA-300-201 $WD	$189	$189
Total	***$14,332***	***$14,332***

CoGC

Sewer		
SE-300-144	$1,523	$1,523
SE-100-019	$827	$827
SE-100-036	$1,125	$1,125
SE-100-071	$981	$981
SE-100-146	$90	$90
SE-100-147	$35	$35
SE-100-003	$98	$98
SE-100-034	$55	$55
SE-100-035	$33	$33
SE-300-159	$109	$109
SE-300-146	$262	$262
SE-300-147	$33	$33
SE-300-160	$33	$33
Total	***$5,203***	***$5,203***

Energex

Contestable		
EL-100-003	$90	$90
EL-100-004	$89	$89
EL-100-012	$88	$88
EL-100-013	$148	$148
EL-100-015	$89	$89
EL-100-016	$109	$109
EL-100-027	$193	$193
EL-100-019	$133	$133
EL-100-022	$116	$116
EL-100-024	$125	$125
EL-100-032	$239	$239
EL-100-026	$195	$195
EL-100-033	$176	$176
EL-100-034	$111	$111
EL-100-040	$133	$133
EL-100-139	$188	$188
EL-100-041	$100	$100
EL-100-042	$116	$116
EL-100-045	$225	$225
EL-100-137	$68	$68
EL-100-057	$140	$140
EL-100-060	$143	$143
EL-100-062	$100	$100
EL-100-067	$108	$108

EL-200-146	$119	$119
EL-200-075	$242	$242
EL-200-082	$283	$283
EL-200-083	$121	$121
EL-200-088	$385	$385
EL-200-093	$96	$96
EL-200-097	$215	$215
EL-200-103	$123	$123
EL-200-110	$114	$114
EL-200-117	$198	$198
EL-200-120	$209	$209
EL-300-134	$124	$124
EL-300-131	$113	$113
EL-300-133	$136	$136
EL-300-138	$108	$108
EL-300-140	$85	$85
EL-300-150	$101	$101
EL-300-149	$131	$131
EL-300-154	$85	$85
EL-300-166	$259	$259
EL-300-165/161	$499	$499
EL-300-165/128	$253	$253
EL-300-028	$1,196	$1,196
Total	***$8,417***	***$8,417***

Energex

Non-Contestable		
EL-100-003	$111	$111
EL-100-004	$110	$110
EL-100-012	$109	$109
EL-100-013	$184	$184
EL-100-015	$111	$111
EL-100-016	$135	$135
EL-100-027	$239	$239
EL-100-019	$164	$164
EL-100-022	$144	$144
EL-100-024	$155	$155
EL-100-032	$296	$296
EL-100-026	$242	$242
EL-100-033	$218	$218
EL-100-034	$137	$137
EL-100-040	$164	$164
EL-100-139	$233	$233
EL-100-041	$124	$124
EL-100-042	$144	$144
EL-100-045	$279	$279
EL-100-137	$84	$84
EL-100-057	$174	$174
EL-100-060	$177	$177
EL-100-062	$124	$124
EL-100-067	$134	$134
EL-200-146	$147	$147
EL-200-075	$300	$300

EL-200-082	$350	$350
EL-200-083	$150	$150
EL-200-088	$477	$477
EL-200-093	$119	$119
EL-200-097	$266	$266
EL-200-103	$152	$152
EL-200-110	$142	$142
EL-200-117	$245	$245
EL-200-120	$259	$259
EL-300-134	$153	$153
EL-300-131	$140	$140
EL-300-133	$169	$169
EL-300-138	$134	$134
EL-300-140	$106	$106
EL-300-150	$125	$125
EL-300-149	$163	$163
EL-300-154	$106	$106
EL-300-166	$321	$321
EL-300-165/161	$619	$619
EL-300-165/128	$314	$314
EL-300-028	$1,483	$1,483
Total	***$10,431***	***$10,431***

Telstra

Contestable		
TE-200-206	$155	$155
TE-200-260	$36	$36
TE-200-071	$53	$53
TE-200-082	$51	$51
TE-200-245	$105	$105
TE-300-307	$22	$22
TE-300-105	$33	$33
TE-300-128	$65	$65
TE-300-133	$19	$19
TE-400-410	$129	$129
TE-100-414	$25	$25
Total	***$693***	***$693***

Telstra

Non-Contestable		
GLCR Conflict ID T-07-02 : Heron Ave Pit Works	$538	$538
GLCR Conflict ID T-09-01 : Albicore St Pit Works	$283	$283
GLCR Conflict ID T-14-07 : Toombul Ave Manhole Works	$283	$283
GLCR Conflict ID T-14-10 : Christine Ave TPS Pit/Pillar Relocation	$84	$84
GLCR Conflict ID T-14-04&11 : Christine Ave Manhole Works	$54	$54
GLCR Conflict ID T-15-02 : South of Christine Ave Pit Relocation and Conduit Lowering	$1,055	$1,055
GLCR Conflict ID T-18-06 : Burleigh Heads State School Conduit Relocation	$1,279	$1,279
GLCR Conflict ID T-18-01 : West Burleigh Road Conduit Relocation	$68	$68
GLCR Conflict ID T-19-03 : Burleigh Precinct Relocation Works	$801	$801
GLCR Conflict ID T-03-01 : Lower Transverse Crossing near Pearless Ave	$126	$126
GLCR Conflict ID T-03-02 : Lower Transverse Crossing near Sunbrite Ave	$126	$126
GLCR Conflict ID T-03-03 : Lower Transverse Crossing near Cronulla ave	$103	$103
GLCR Conflict ID T-04-01 : Lower Transverse Crossing near Atlantic Avenue	$600	$600

GLCR Conflict ID T-06-02 : Lower Transverse Crossing near Arthur St	$126	$126
GLCR Conflict ID T-09-01 : Lower Transverse Crossing near Chairlift Ave	$139	$139
GLCR Conflict ID T-11-01 : Lower Transverse Crossing near Santa Monica Road 60	$139	$139
GLCR Conflict ID T-11-02 : Lower Transverse Crossing near Riviera Road	$126	$126
GLCR Conflict ID T-06-01 : Lower Transverse Crossing near Markeri St	$126	$126
GLCR Conflict ID T-06-04 : Design Brief 20 : Lower 1 x P100 within Markeri St	$64	$64
GLCR Conflict ID T-10-03 : Entrance to Miami State High Lowering	$70	$70
GLCR Conflict ID T-13-04 : Kelly Ave (relocation)	$64	$64
GLCR Conflict ID T-14-07 : Toombul Ave Lowering	$118	$118
GLCR Conflict ID T-14-03-05 : Christine Ave Lowering	$91	$91
GLCR Conflict ID T-17-02 : Second Ave Lowering	$97	$97
TE-200-071	$126	$126
TE-200-097,100	$54	$54
T-12-04 - TE-200-082	$722	$722
T-13-03 - TE-200-245	$293	$293
Total	***$7,753***	***$7,753***

APA Gas

Contestable		
TAN Reference GA-100-001	$92	$92
TAN Reference GA-100-002	$2	$2
TAN Reference GA-100-005	$3	$3
TAN Reference GA-100-006	$3	$3
TAN Reference GA-100-004(C)	$29	$29
TAN Reference GA-100-007 (Drilling)	$85	$85
TAN Reference GA-100-009 (Drilling)	$83	$83
TAN Reference GA-100-008(E)	$67	$67
TAN Reference GA-100-008(F)	$65	$65
TAN Reference GA-100-008(G)	$67	$67
TAN Reference GA-100-010 (Drilling)	$88	$88
TAN Reference GA-100-008(H)	$68	$68
TAN Reference GA-100-012 (Drilling)	$84	$84
TAN Reference GA-100-008(I)	$68	$68
TAN Reference GA-100-008(J)	$65	$65
TAN Reference GA-100-008(K)	$67	$67
TAN Reference GA-100-050	$4	$4
TAN Reference GA-100-013 (Drilling)	$88	$88
TAN Reference GA-100-014	$14	$14
TAN Reference GA-100-015 (Drilling)	$88	$88
TAN Reference GA-100-008(N)	$28	$28
TAN Reference GA-100-016 (Drilling)	$88	$88
TAN Reference GA-200-018 (Drilling)	$94	$94
TAN Reference GA-200-020	$2	$2
TAN Reference GA-200-019	$68	$68
TAN Reference GA-200-021 (Drilling)	$97	$97
TAN Reference GA-200-024	$71	$71
TAN Reference GA-200-022 (Drilling)	$91	$91
TAN Reference GA-200-023	$69	$69
TAN Reference GA-300-025	$8	$8
TAN Reference GA-300-027(A)	$71	$71
TAN Reference GA-300-027(B)	$69	$69
TAN Reference GA-300-029	$75	$75
TAN Reference GA-300-030 (Drilling)	$99	$99

TAN Reference GA-300-033 (Drilling)	$156	$156
TAN Reference GA-300-035	$75	$75
Total	***$2,290***	***$2,290***

APA Gas

Non-Contestable		
GLCR Conflict ID G04-01 : Francis (GA-100-007)	$74	$74
GLCR Conflict ID G-05-01 : Bondi (GA-100-009)	$74	$74
GLCR Conflict ID G-05-02 : Sportman (GA-100-010)	$74	$74
GLCR Conflict ID G-06-01 : Seabeach (GA-100-012)	$74	$74
GLCR Conflict ID G-06-02 : Tamborine (GA-100-013)	$74	$74
GLCR Conflict ID G-06-03 : Tamborine (GA-100-014)	$10	$10
GLCR Conflict ID G-07-01 : Seashell (GA-100-015)	$74	$74
GLCR Conflict ID G-08-01 : Wave (GA-100-016)	$74	$74
GLCR Conflict ID G-12-01 : Miami Shore (GA-200-018)	$74	$74
GLCR Conflict ID G-14-01 : Toombul (GA-200-021)	$74	$74
GLCR Conflict ID G-14-02 : Mountain View (GA-200-022)	$74	$74
GLCR Conflict ID G-14-04 : Kratzman (GA-200-024)	$74	$74
GLCR Conflict ID G-17-01 : Second (GA-300-029)	$74	$74
GLCR Conflict ID G-18-01 : Connor (GA-300-030)	$74	$74
GLCR Conflict ID G-19-01/02/03 : Burleigh (GA-300-032/34)	$125	$125
Total	***$1,102***	***$1,102***

Above cost do not include design

Template - Values provided are for imformation purposes only

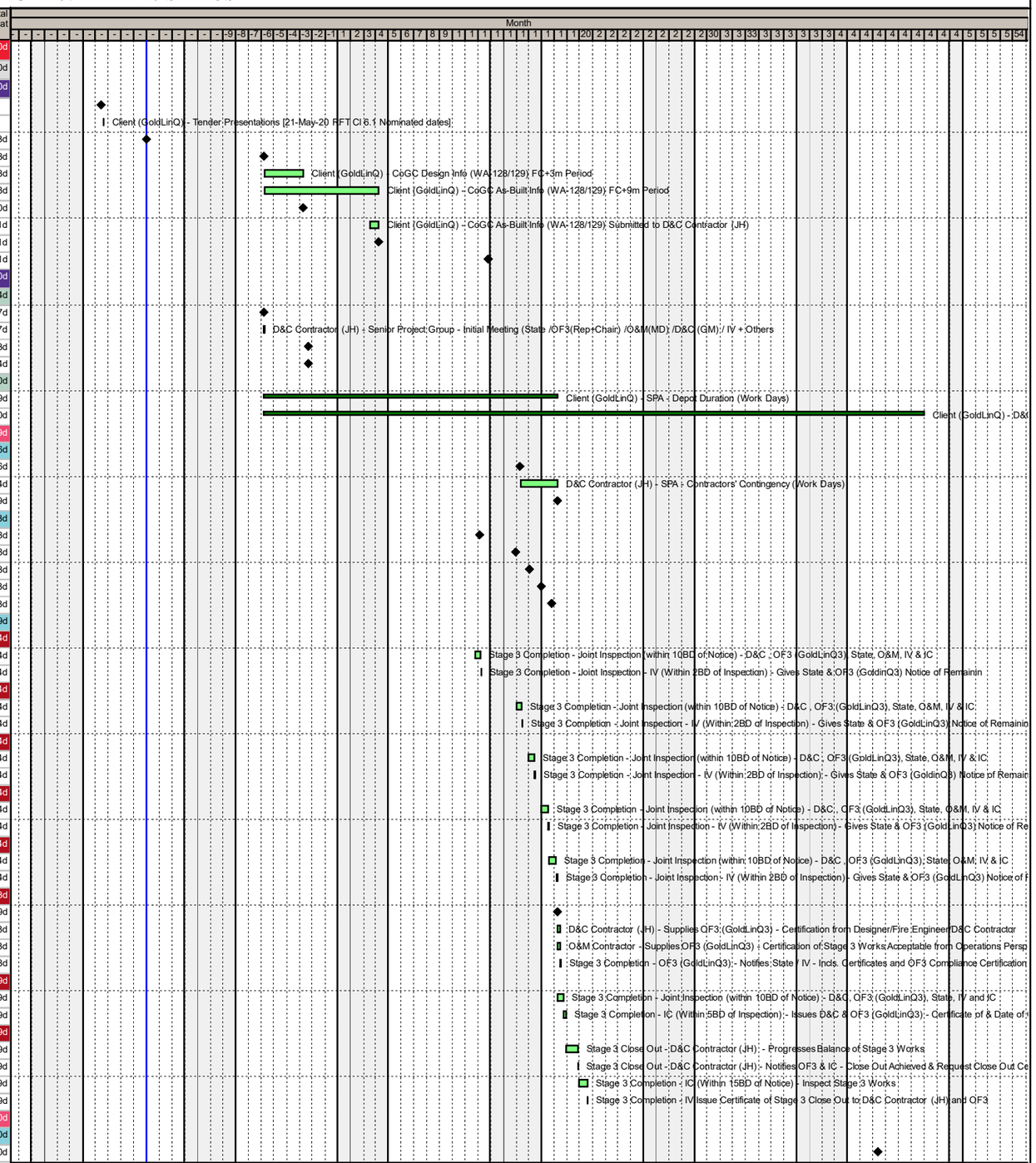
Ref#	Parameter	Baseline Tender Assumption			BPIC Impact (if any)			Revised Tender Value			Further breakdown of Baseline to be provided to IE only
1	**Labour (Direct Job Cost only)**	**Tender Value ($)**	**Hr Rate ($)**	**Labour Hours**	**Tender Value impact ($)**	**Hr Rate impact ($)**	**Labour Hours impact**	**Revised Tender Value ($)**	**Revised Hr Rate ($)**	**Revised Labour Hours**	**Comments to support reasons for change due to BPIC**
1.1	*Dayshift*										
1.1.1	CW2 (BPIC 2 equivalent)	$ 8,465,936	$54.07	156,574	$ 2,279,763	$ 30.52	- 29,541	$ 10,745,699	$84.59	127,033	Labour rate build-up / program / classification adjustment / Early wokrs removed
1.1.2	CW3 (BPIC 4 equivalent)	$ 12,335,144	$56.05	220,074	$ 8,688,063	$ 35.80	8,812	$ 21,023,207	$91.85	228,886	Labour rate build-up / program / classification adjustment / Early wokrs removed
1.1.3	CW4 (BPIC 4 equivalent)	$ 6,052,000	$58.30	103,808	$ 3,507,241	$ 33.55	266	$ 9,559,241	$91.85	104,074	Labour rate build-up / program / classification adjustment / Early wokrs removed
1.1.4	CW5 (BPIC 5 equivalent)	$ 1,975,504	$60.74	32,524	$ 1,264,205	$ 38.87	-	$ 3,239,709	$99.61	32,524	Labour rate build-up / program / classification adjustment / Early wokrs removed
1.1.5	CW6 (BPIC 7 equivalent)	$ 237,976	$62.82	3,788	$ 149,542	$ 39.48	-	$ 387,518	$102.30	3,788	Labour rate build-up / program / classification adjustment / Early wokrs removed
1.1.6	Plumber Trade Level 2	$ -	$0.00	-	$ 2,720,358	$ 109.43	24,859	$ 2,720,358	$109.43	24,859	Labour rate build-up / program / classification adjustment / Early wokrs removed
1.2	*Nightshift*										
1.2.1	CW2 (BPIC 2 equivalent)	$ 3,689,669	$66.27	55,676	-$ 487,390	$ 35.32	- 24,155	$ 3,202,279	$101.59	31,522	Labour rate build-up / program / classification adjustment / Early wokrs removed
1.2.2	CW3 (BPIC 4 equivalent)	$ 2,357,865	$68.77	34,286	$ 1,766,447	$ 41.33	3,173	$ 4,124,312	$110.10	37,460	Labour rate build-up / program / classification adjustment / Early wokrs removed
1.2.3	CW4 (BPIC 4 equivalent)	$ 1,164,496	$71.53	16,280	$ 627,913	$ 38.57	-	$ 1,792,409	$110.10	16,280	Labour rate build-up / program / classification adjustment / Early wokrs removed
1.2.4	CW6 (BPIC 7 equivalent)	$ 983,026	$76.44	12,860	$ 601,338	$ 46.76	-	$ 1,584,364	$123.20	12,860	Labour rate build-up / program / classification adjustment / Early wokrs removed
1.2.5	Plumber Trade Level 2	$ -	$0.00	-	$ 1,349,680	$ 131.51	10,263	$ 1,349,680	$131.51	10,263	Labour rate build-up / program / classification adjustment / Early wokrs removed
	Subtotal / Avg	$ 37,261,616			$ 22,467,161		- 6,322	$ 59,728,777			

		Baseline Tender Assumption			BPIC Impact (if any)			Revised Tender Value			Supporting Documentation to be provided as requested by the IE
2	**Plant (Direct Job Cost only)**	**Tender Value ($)**	**Average Rate**	**Utilisation**	**Tender Value impact ($)**	**Hr Rate impact ($)**	**Impact Utilisation**	**Revised Tender Value ($)**	**Average Rate**	**Utilisation**	**Comments to support reasons for change due to BPIC**
2.1	*Dry Hire*										
2.1.1	Concrete Barriers	$ 1,314,486	$0.53	2,480,162	$ 186,902	$ -	352,646	$ 1,501,388	$0.53	2,832,808	Program
2.1.2	Waterfilled Barriers	$ 582,994	$0.80	728,743	$ 238,310	$ -	297,888	$ 821,305	$0.80	1,026,631	Program
2.2	*Wet Hire*										
2.2.1	Earthmoving	$ 8,628,202	$123.67	69,770	$ 5,600,684	$ 64.96	5,662	$ 14,228,886	$188.63	75,432	Plant operator rate impact from subcontractor and wet plant supplier
2.2.2	Trucking	$ 4,064,472	$100.01	40,641	$ 2,585,127	$ 46.98	4,597	$ 6,649,599	$146.99	45,238	Plant operator rate impact from subcontractor and wet plant supplier
2.2.3	Craneage	$ 1,414,520	$154.91	9,131	$ 242,641	$ 26.57	-	$ 1,657,161	$181.48	9,131	Plant operator rate impact from subcontractor and wet plant supplier
2.2.4	Concrete Pump	$ 276,170	$160.00	1,726	$ 215,757	$ 125.00	-	$ 491,927	$285.00	1,726	Plant operator rate impact from subcontractor and wet plant supplier
	Subtotal / Avg	$ 16,280,844			$ 9,069,422			$ 25,350,266			

		Baseline Tender Assumption			BPIC Impact			Revised Tender Value			Supporting Documentation to be provided as requested by the IE
4	**Subcontractor (Direct Job Cost only)**	**Tender Value ($)**			**Tender Value impact ($)**	**Impact (%)**		**Revised Tender Value ($)**			**Comments to support reasons for change due to BPIC**
4.1	Site Based Works										
4.1	*List of Subcontractors*										
4.1.1	Rail Systems Core	$ 35,083,926			$ 3,326,809	9.5%		$ 38,410,735			Subcontractor Impact / Shadow pricing (nominated subcontractor)
4.1.2	Traffic Control	$ 32,497,990			$ 36,107,209	111.1%		$ 68,605,200			Subcontractor Impact / quotes received
4.1.3	Vac Trucks	$ 12,138,291			$ 305,591	2.5%		$ 12,443,882			Subcontractor Impact / quotes received
4.1.4	ITSE Subcontractor	$ 12,745,283			$ 2,309,400	18.1%		$ 15,054,683			Subcontractor Impact / quotes received
4.1.5	Landscaping Subcontractor	$ 7,283,947			$ 4,351,460	59.7%		$ 11,635,407			Subcontractor Impact / quotes received
4.1.6	Asphalt / Seal Subcontractor	$ 13,670,873			$ 2,983,597	21.8%		$ 16,654,470			Subcontractor Impact / Shadow pricing
4.1.7	TPIS & TPS Complete Solution	$ 7,388,387			$ 1,256,026	17.0%		$ 8,644,413			Subcontractor Impact / market impact average (nominated subcontractor list)
4.1.8	Track Install	$ 6,148,404			$ 737,808	12.0%		$ 6,886,212			Subcontractor Impact / Shadow pricing
4.1.9	Temp Traffic Signalling / Lighting	$ 5,823,888			$ 265,648	4.6%		$ 6,089,536			Subcontractor Impact / quotes received
4.1.10	HDD - Water	$ 4,800,250			$ 816,043	17.0%		$ 5,616,293			Subcontractor Impact / market impact average
4.1.11	Building Subcontractor	$ 4,069,262			$ 685,681	16.9%		$ 4,754,943			Subcontractor Impact / market impact average
4.1.12	Cable & Termination & Earthing	$ 2,634,618			$ 184,423	7.0%		$ 2,819,041			Subcontractor Impact / Shadow pricing
4.2	*Balance*	$ 65,428,816			$ 12,906,219	19.7%		$ 78,335,035			Market impact average
	Subtotal / Avg	$ 209,713,935			$ 66,235,913	31.6%		$ 275,949,848			

		Baseline Tender Assumption			BPIC Impact			Revised Tender Value			
5	***Other Costs***	**Tender Value ($)**			**Impact ($)**	**Impact (%)**		**Value ($)**			**Comments to support reasons for change due to BPIC & to link indirect costs to Pricing Proforma template**
	Fees Guarantees & Insurances	$ 5,592,159			$ 1,709,300	30.6%		$ 7,301,459			Additional bank guarantees and Long Service Levy
	Other Mobilisation Costs	$ 4,955,143			$ 4,179,530	84.3%		$ 9,134,673			Additional training cost / additional on-boarding time
	Staff	$ 73,095,600			$ 20,020,247	27.4%		$ 93,115,847			Additional staff / program impact / increase key staff TFR
	Indirect Labour	$ 9,317,231			$ 7,014,492	75.3%		$ 16,331,723			Labour rate change / additional labour / program impact
	General Running Cost	$ 18,070,089			$ 2,972,749	16.5%		$ 21,042,838			program impact / additional facilities for work force
	Indirect Plant	$ 3,492,867			$ 2,447,391	70.1%		$ 5,940,258			Plant now includes operator / program impact
	Safety Allowance	$ 1,267,070			$ 368,000	29.0%		$ 1,635,070			CV related cost
	Demobilisation Overheads	$ 245,561			$ 4,958	2.0%		$ 250,519			Demobilisation of additional facilities
	Defects Rectification Provision	$ 3,167,675			$ 920,000	29.0%		$ 4,087,675			CV related cost
	Fixed Time / Delay Allowance	$ 1,532,027			$ 5,314,782	346.9%		$ 6,846,809			Labour rate change / program impact / lost time change
	Escalation, Rise & Fall	$ 19,084,407			$ 11,277,404	59.1%		$ 30,361,811			Additional Escalation based on the revised cost (maintain same % inputs on new cost)
	Design / Consultants Fees	$ 45,173,730			$ 605,441	1.3%		$ 45,779,171			Additional Construction Phase Services due to program impact
	Unallocated Risk Contingency	$ 6,335,350			$ 1,840,000	29.0%		$ 8,175,350			CV related cost
	Design Development Contingency	$ 5,519,862			$ -	0.0%		$ 5,519,862			-
	Estimating / Budget Uncertainty	$ 2,895,034			$ 1,124,535	38.8%		$ 4,019,569			Additional Estimating Uncertainty based on the revised cost (maintain same % inputs on new cost)
	Balance Risk & Opportunity	$ 10,475,698			$ 4,891,798	46.7%		$ 15,367,496			Additional R&O impact
	Schedule Risk Analysis	$ 7,966,200			$ 853,165	10.7%		$ 8,819,365			program risk
	Bid Preparation Costs	$ 11,510,682			$ 1,000,688	8.7%		$ 12,511,370			Additional Bid Cost
	Business Unit Project Support Costs	$ 3,141,744			$ 920,000	29.3%		$ 4,061,744			CV related cost
	Subtotal / Avg	$ 232,838,129			$ 67,464,480	29.0%		$ 300,302,609			

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEA		1555d	20-Nov-19 A	02-Apr-26	0d
KEY DATES		1431d	15-May-20 A	02-Apr-26	0d
OF3 - Client (GoldLinQ)		617d	15-May-20 A	24-Nov-22	100d
KD-GL-MS-1000	Client (GoldLinQ) - Tenders Close [15-May-20 12:00 RFT Cl 6.1 Nominated date]	0d		15-May-20 A	
KD-GL-MS-1020	Client (GoldLinQ) - Tender Presentations [21-May-20 RFT Cl 6.1 Nominated dates]	1d	20-May-20 A	20-May-20 A	
KD-GL-MS-1080	Client (GoldLinQ) - Preferred Tenderer Nominated [Aug-20 RFT Cl 6.1 Nominated date] Revised WShop 29-Ju	0d		31-Aug-20	283d
KD-GL-MS-1140	Client (GoldLinQ) - Financial Close - Post Tender Nominated as 04-Jun-21 First Day of Work 07-Jun	0d		07-Jun-21	3d
KD-GL-MS-1300	Client (GoldLinQ) - CoGC Design Info (WA-128/129) FC+3m Period	92d	09-Jun-21	08-Sep-21	43d
KD-GL-MS-1320	Client (GoldLinQ) - CoGC As-Built Info (WA-128/129) FC+9m Period	273d	09-Jun-21	08-Mar-22	63d
KD-GL-MS-1240	Client (GoldLinQ) - CoGC Design Info (WA-128/129) FC+3m Based on FC of 04-Jun + First Day of Work 07-Ju	0d		08-Sep-21	30d
KD-GL-MS-1340	Client (GoldLinQ) - CoGC As-Built Info (WA-128/129) Submitted to D&C Contractor (JH)	15d	16-Feb-22	08-Mar-22	41d
KD-GL-MS-1260	Client (GoldLinQ) - CoGC As-Built Info (WA-128/129) FC+9m Based on FC of 04-Jun + First Day of Work 07-J	0d		08-Mar-22	41d
KD-GL-MS-1280	Client (GoldLinQ) - CoGC complete MTO-8 Miami Shore Pde Drainage Works	0d		24-Nov-22	81d
D&C Contractor (JH)		1177d	08-Jun-21	02-Apr-26	0d
Commencement		74d	08-Jun-21	21-Sep-21	4d
KD-CO-MS-1020	D&C Contractor (JH) - Site Access	0d	08-Jun-21		77d
KD-CO-MS-1040	D&C Contractor (JH) - Senior Project Group - Initial Meeting (State /OF3(Rep+Chair) /O&M(MD) /D&C (GM) /	1d	08-Jun-21	08-Jun-21	77d
KD-CO-MP-1080	D&C Contractor (JH) - Plans Complete and Approved Able to Commence On-Site Works	0d	21-Sep-21		3d
KD-CO-MS-1060	D&C Contractor (JH) - Commence On-Site Investigation Works	0d	21-Sep-21		4d
Completion		1177d	08-Jun-21	02-Apr-26	0d
KD-GL-MS-1220	Client (GoldLinQ) - SPA - Depot Duration (Work Days)	420d	08-Jun-21	09-May-23	609d
KD-GL-MS-1180	Client (GoldLinQ) - D&C Contract Duration (Calendar Days)	1577d	08-Jun-21	01-Oct-25	0d
Depot		178d	25-Oct-22	20-Jul-23	659d
Separable Portion A - DEPOT Contractors Target Dates and Contingency		59d	09-Feb-23	09-May-23	666d
CO-MS-SPA-3020	D&C Contractor (JH) - SPA - D&C Contractors' Target Date to Reach Practical Completion	0d		09-Feb-23	266d
CO-MS-SPA-3040	D&C Contractor (JH) - SPA - Contractors' Contingency (Work Days)	47d	10-Feb-23	09-May-23	434d
CO-MS-SPA-1200	Client (GoldLinQ) - SPA - Depot Extension Works Handover [15-Jul-22 Date Nominated in RFC7109.14 DATE	0d		09-May-23	609d
Separable Portion A - Notice of Completion - Stage 3 - Depot /Stabling Yard (D&C Contract Cl 17.1 a)		172d	04-Nov-22	25-Apr-23	723d
KD-CO-NC-SPA-1000	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-A (i) 6 Months+5BD Prior to I	0d		04-Nov-22	723d
KD-CO-NC-SPA-1020	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-A (ii) 3 Months+5BD Prior to E	0d		30-Jan-23	723d
KD-CO-NC-SPA-1040	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-A (iii) 2 Months+5BD Prior to	0d		03-Mar-23	723d
KD-CO-NC-SPA-1060	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-A (iv) 1 Months+5BD Prior to	0d		01-Apr-23	723d
KD-CO-NC-SPA-1080	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-A (v) 2 Weeks Prior to Estima	0d		25-Apr-23	723d
Separable Portion A - D&C Completion - Stage 3 - Depot / Stabling Yard		178d	25-Oct-22	20-Jul-23	659d
Joint Inspection - 6 Months Prior Notice - (D&C Contract Cl 17.1 c)		12d	25-Oct-22	09-Nov-22	484d
KD-CO-SPA-1000	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	25-Oct-22	07-Nov-22	484d
KD-CO-SPA-1020	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldinQ3) Notice of	2d	08-Nov-22	09-Nov-22	484d
Joint Inspection - 3 Months Prior Notice - (D&C Contract Cl 17.1 c)		12d	31-Jan-23	15-Feb-23	484d
KD-CO-SPA-1040	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	31-Jan-23	13-Feb-23	484d
KD-CO-SPA-1060	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice o	2d	14-Feb-23	15-Feb-23	484d
Joint Inspection - 2 Month Prior Notice - (D&C Contract Cl 17.1 c)		12d	02-Mar-23	17-Mar-23	484d
KD-CO-SPA-1340	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	02-Mar-23	15-Mar-23	484d
KD-CO-SPA-1360	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldinQ3) Notice of	2d	16-Mar-23	17-Mar-23	484d
Joint Inspection - 1 Month Prior Notice - (D&C Contract Cl 17.1 c)		12d	31-Mar-23	19-Apr-23	484d
KD-CO-SPA-1080	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	31-Mar-23	17-Apr-23	484d
KD-CO-SPA-1100	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice o	2d	18-Apr-23	19-Apr-23	484d
Joint Inspection - 2 Weeks Prior Notice - (D&C Contract Cl 17.1 c)		12d	20-Apr-23	09-May-23	484d
KD-CO-SPA-1380	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	20-Apr-23	05-May-23	484d
KD-CO-SPA-1400	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice o	2d	08-May-23	09-May-23	484d
Stage 3 Completion Notification - (D&C Contract Cl 17.1 e)		6d	09-May-23	17-May-23	663d
KD-CO-SPA-1120	D&C Contractor (JH) - Advises OF3 (GoldLinQ3) & IC of D&C Completion for SP-A Depot [12-Sep-22]	0d		09-May-23	659d
KD-CO-SPA-1140	D&C Contractor (JH) - Supplies OF3 (GoldLinQ3) - Certification from Designer/Fire Engineer/D&C Contractor	5d	10-May-23	16-May-23	663d
KD-CO-SPA-1160	O&M Contractor - Supplies OF3 (GoldLinQ3) - Certification of Stage 3 Works Acceptable from Operations Pers	5d	10-May-23	16-May-23	663d
KD-CO-SPA-1180	Stage 3 Completion - OF3 (GoldLinQ3) - Notifies State / IV - Incls. Certificates and OF3 Compliance Certificatio	1d	17-May-23	17-May-23	663d
Joint Inspection - Stage 3 Completion - (D&C Contract Cl 17.1 f & g)		15d	10-May-23	30-May-23	659d
KD-CO-SPA-1200	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C, OF3 (GoldLinQ3), State, IV and IC	10d	10-May-23	23-May-23	659d
KD-CO-SPA-1220	Stage 3 Completion - IC (Within 5BD of Inspection) - Issues D&C & OF3 (GoldLinQ3) - Certificate of & Date of	5d	24-May-23	30-May-23	659d
Stage 3 Close Out - D&C Contract Cl 17.2		37d	31-May-23	20-Jul-23	659d
KD-CO-SPA-1240	Stage 3 Close Out - D&C Contractor (JH) - Progresses Balance of Stage 3 Works	20d	31-May-23	27-Jun-23	659d
KD-CO-SPA-1260	Stage 3 Close Out - D&C Contractor (JH) - Notifies OF3 & IC - Close Out Achieved & Request Close Out Certif	1d	28-Jun-23	28-Jun-23	659d
KD-CO-SPA-1280	Stage 3 Completion - IC (Within 15BD of Notice) - Inspect Stage 3 Works	15d	29-Jun-23	19-Jul-23	659d
KD-CO-SPA-1300	Stage 3 Completion - IV Issue Certificate of Stage 3 Close Out to D&C Contractor (JH) and OF3	1d	20-Jul-23	20-Jul-23	659d
Main Alignment		211d	18-Nov-24	01-Oct-25	0d
Separable Portion B - MAIN ALIGNMENT Contractors Target Dates and Contingency		76d	13-Jun-25	01-Oct-25	0d
CO-MS-SPB-1220	D&C Contractor (JH) - SPB - D&C Contractors' Target Date to Reach Practical Completion	0d		13-Jun-25	0d



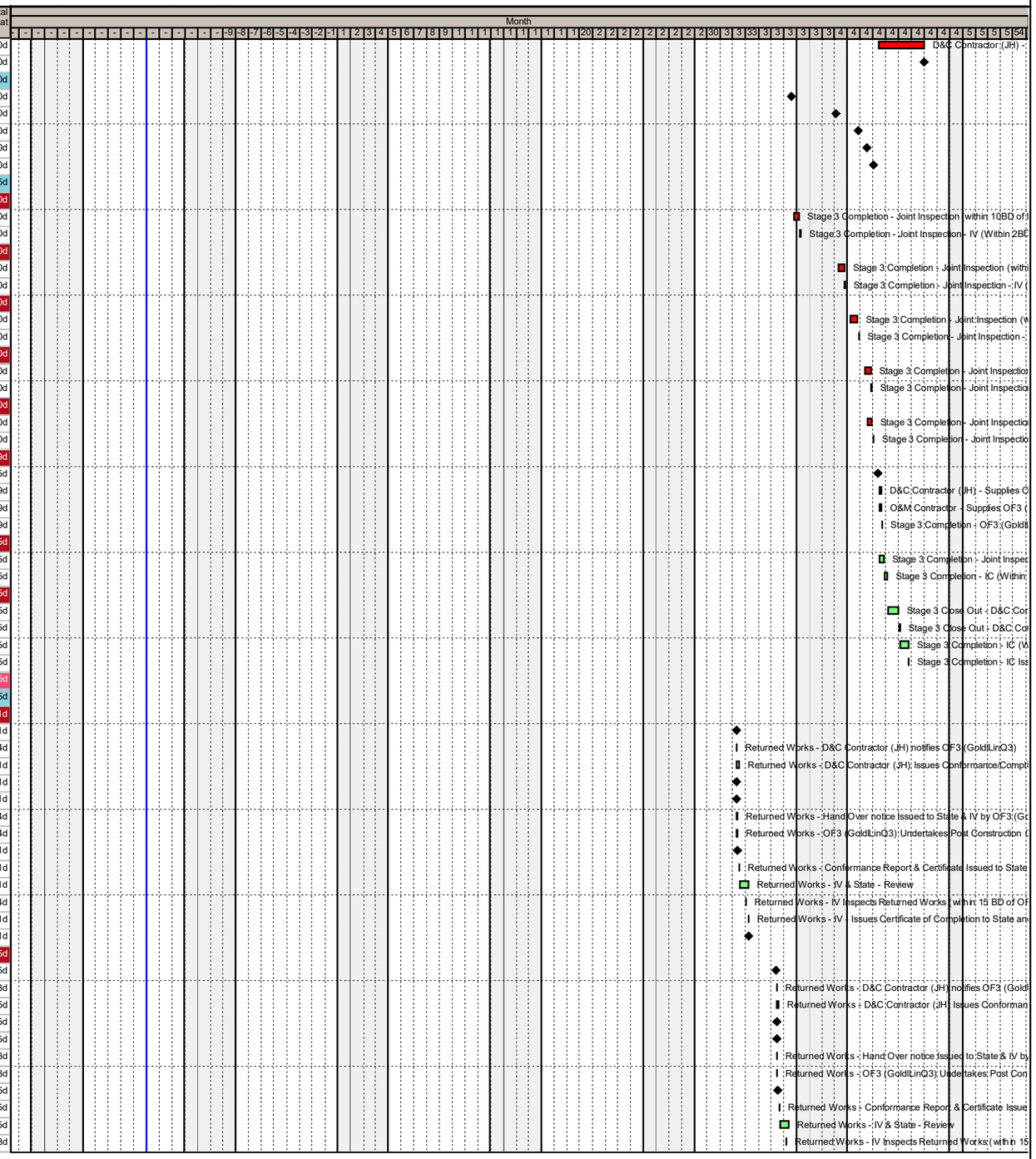
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CO-MS-SPB-1240	D&C Contractor (JH) - SPB - Contractors' Contingency (Work Days)	76d	14-Jun-25	01-Oct-25	0d
CO-MS-SPB-1260	D&C Contractor (JH) - SPB - Stage 3 D&C Completion [Submission 20 = 30-May-2025]	0d		01-Oct-25	0d
Separable Portion B - Notice of Completion - Stage 3 - Main Alignment (D&C Contract Cl 17.1 a)		126d	18-Nov-24	03-Jun-25	0d
KD-CO-SPB-1000	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-B (i) 6 Months+5BD Prior to I	0d		18-Nov-24	0d
KD-CO-SPB-1020	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-B (ii) 3 Months+5BD Prior to E	0d		04-Mar-25	0d
KD-CO-SPB-1040	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-B (iii) 2 Months+5BD Prior to	0d		27-Apr-25	0d
KD-CO-SPB-1060	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-B (iv) 1 Months+5BD Prior to	0d		17-May-25	0d
KD-CO-SPB-1080	D&C Contractor (JH) - Advises OF3 (GoldLinQ)+O&M - Notice of Completion SP-B (v) 2 Weeks Prior to Estima	0d		03-Jun-25	0d
Separable Portion B - D&C Completion - Stage 3 - Main Alignment		182d	25-Nov-24	26-Aug-25	25d
Joint Inspection - 6 Months Prior Notice - D&C Contract Cl 17.1 c		12d	25-Nov-24	10-Dec-24	0d
KD-CO-SPB-2000	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	25-Nov-24	06-Dec-24	0d
KD-CO-SPB-2020	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice c	2d	09-Dec-24	10-Dec-24	0d
Joint Inspection - 3 Months Prior Notice - D&C Contract Cl 17.1 c		12d	11-Mar-25	26-Mar-25	0d
KD-CO-SPB-2040	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	11-Mar-25	24-Mar-25	0d
KD-CO-SPB-2060	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice c	2d	25-Mar-25	26-Mar-25	0d
Joint Inspection - 2 Month Prior Notice - D&C Contract Cl 17.1 c		12d	09-Apr-25	29-Apr-25	0d
KD-CO-SPB-2080	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	09-Apr-25	24-Apr-25	0d
KD-CO-SPB-2100	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice c	2d	28-Apr-25	29-Apr-25	0d
Joint Inspection - 1 Month Prior Notice - D&C Contract Cl 17.1 c		12d	14-May-25	29-May-25	0d
KD-CO-SPB-2120	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldlLnQ3), State, O&M, IV & IC	10d	14-May-25	27-May-25	0d
KD-CO-SPB-2140	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice c	2d	28-May-25	29-May-25	0d
Joint Inspection - 2 Weeks Prior Notice - D&C Contract Cl 17.1 c		12d	19-May-25	03-Jun-25	0d
KD-CO-SPB-2160	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C , OF3 (GoldLinQ3), State, O&M, IV & IC	10d	19-May-25	30-May-25	0d
KD-CO-SPB-2180	Stage 3 Completion - Joint Inspection - IV (Within 2BD of Inspection) - Gives State & OF3 (GoldLinQ3) Notice c	2d	02-Jun-25	03-Jun-25	0d
Stage 3 Completion Notification - D&C Contract Cl 17.1 e		6d	13-Jun-25	23-Jun-25	29d
KD-CO-SPB-2220	D&C Contractor (JH) - Advises OF3 (GoldLinQ3) & IC of D&C Completion for SP-B Alignment	0d		13-Jun-25	25d
KD-CO-SPB-2240	D&C Contractor (JH) - Supplies OF3 (GoldLinQ3) - Certification from Designer/Fire Engineer/D&C Contractor	5d	16-Jun-25	20-Jun-25	29d
KD-CO-SPB-2200	O&M Contractor - Supplies OF3 (GoldLinQ3) - Certification of Stage 3 Works Acceptable from Operations Pers	5d	16-Jun-25	20-Jun-25	29d
KD-CO-SPB-2260	Stage 3 Completion - OF3 (GoldlLinQ3) - Notifies State / IV - Incls. Certificates and OF3 Compliance Certificatic	1d	23-Jun-25	23-Jun-25	29d
Joint Inspection - Stage 3 Completion - D&C Contract Cl 17.1 f & g		15d	16-Jun-25	04-Jul-25	25d
KD-CO-SPB-2280	Stage 3 Completion - Joint Inspection (within 10BD of Notice) - D&C, OF3 (GoldlLinQ3), State, IV and IC	10d	16-Jun-25	27-Jun-25	25d
KD-CO-SPB-2300	Stage 3 Completion - IC (Within 5BD of Inspection) - Issues D&C & OF3 (GoldlLinQ3) - Certificate of & Date of	5d	30-Jun-25	04-Jul-25	25d
Stage 3 Close Out - D&C Contract Cl 17.2		37d	07-Jul-25	26-Aug-25	25d
KD-CO-SPB-2320	Stage 3 Close Out - D&C Contractor (JH) - Progresses Balance of Stage 3 Works	20d	07-Jul-25	01-Aug-25	25d
KD-CO-SPB-2340	Stage 3 Close Out - D&C Contractor (JH) - Notifies OF3 & IC - Close Out Achieved & Request Close Out Certif	1d	04-Aug-25	04-Aug-25	25d
KD-CO-SPB-2360	Stage 3 Completion - IC (Within 15BD of Notice) - Inspect Stage 3 Works	15d	05-Aug-25	25-Aug-25	25d
KD-CO-SPB-2380	Stage 3 Completion - IC Issue Certificate of Stage 3 Close Out to D&C Contractor and OF3	1d	26-Aug-25	26-Aug-25	25d
Returned Works Stage 3 - D&C Contract Cl 18		373d	04-Jun-24	04-Dec-25	75d
STATE Assets or Works Designed by D&C Contractor		88d	09-Jul-24	12-Nov-24	335d
Northern Area - Main Alignment		22d	09-Jul-24	08-Aug-24	401d
KD-SA-RW02-1000	Returned Works - Works Complete by D&C Contractor (JH)	0d		09-Jul-24	401d
KD-SA-RW02-1020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlLinQ3)	1d	10-Jul-24	10-Jul-24	404d
KD-SA-RW02-1060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to C	5d	10-Jul-24	16-Jul-24	401d
KD-SA-RW02-1220	Stage 3 - D&C Contractor (JH) - Facility Completion - Defects Correction Period for Stage 3 Cert or as Notified	0d	11-Jul-24		631d
KD-SA-RW02-1240	Stage 3 - Completion - Complete 24 Month Defects Liability Period for all Other Returned Works Excl Pup's	0d		11-Jul-24	631d
KD-SA-RW02-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlLinQ3)	1d	11-Jul-24	11-Jul-24	404d
KD-SA-RW02-1180	Returned Works - OF3 (GoldlLinQ3) Undertakes Post Construction Condition Survey	1d	11-Jul-24	11-Jul-24	404d
KD-SA-RW02-1160	Returned Works - Commence OF3 (GoldlLinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	12-Jul-24		421d
KD-SA-RW02-1080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlLinQ3) Cl 18.2 c i	1d	17-Jul-24	17-Jul-24	401d
KD-SA-RW02-1100	Returned Works - IV & State - Review	15d	18-Jul-24	07-Aug-24	401d
KD-SA-RW02-1120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	02-Aug-24	02-Aug-24	404d
KD-SA-RW02-1200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlLinQ3)	1d	08-Aug-24	08-Aug-24	401d
KD-SA-RW02-1140	Returned Works - Facility / Area Completed	0d		08-Aug-24	401d
Southern Area - Main Alignment		22d	11-Oct-24	12-Nov-24	335d
KD-SA-RW02-2000	Returned Works - Works Complete by D&C Contractor (JH)	0d		11-Oct-24	335d
KD-SA-RW02-2020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlLinQ3)	1d	14-Oct-24	14-Oct-24	338d
KD-SA-RW02-2060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to C	5d	14-Oct-24	18-Oct-24	335d
KD-SA-RW02-2220	Stage 3 - D&C Contractor (JH) - Facility Completion - Defects Correction Period for Stage 3 Cert or as Notified	0d	15-Oct-24		535d
KD-SA-RW02-2240	Stage 3 - Completion - Complete 24 Month Defects Liability Period for all Other Returned Works Excl Pup's	0d		15-Oct-24	535d
KD-SA-RW02-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlLinQ3)	1d	15-Oct-24	15-Oct-24	338d
KD-SA-RW02-2180	Returned Works - OF3 (GoldlLinQ3) Undertakes Post Construction Condition Survey	1d	15-Oct-24	15-Oct-24	338d
KD-SA-RW02-2160	Returned Works - Commence OF3 (GoldlLinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	16-Oct-24		355d
KD-SA-RW02-2080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlLinQ3) Cl 18.2 c i	1d	21-Oct-24	21-Oct-24	335d
KD-SA-RW02-2100	Returned Works - IV & State - Review	15d	22-Oct-24	11-Nov-24	335d
KD-SA-RW02-2120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	06-Nov-24	06-Nov-24	338d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
KD-SA-RW02-2200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlLinQ3)	1d	12-Nov-24	12-Nov-24	335d
KD-SA-RW02-2140	Returned Works - Facility / Area Completed	0d		12-Nov-24	335d
CoGC Assets or Works Designed by D&C Contractor		38d	05-Jul-24	28-Aug-24	387d
Northern Area - Main Alignment		22d	05-Jul-24	06-Aug-24	403d
KD-SA-RW03-1000	Returned Works - Works Complete by D&C Contractor (JH)	0d		05-Jul-24	403d
KD-SA-RW03-1020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlinQ3)	1d	08-Jul-24	08-Jul-24	406d
KD-SA-RW03-1060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to C	5d	08-Jul-24	12-Jul-24	403d
KD-SA-RW03-1220	Stage 3 - D&C Contractor (JH) - Facility Completion - Defects Correction Period for Stage 3 Cert or as Notified	0d	09-Jul-24		633d
KD-SA-RW03-1240	Stage 3 - Completion - Complete 24 Month Defects Liability Period for all Other Returned Works Excl Pup's	0d		09-Jul-24	633d
KD-SA-RW03-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	09-Jul-24	09-Jul-24	406d
KD-SA-RW03-1180	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	09-Jul-24	09-Jul-24	406d
KD-SA-RW03-1160	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	10-Jul-24		423d
KD-SA-RW03-1080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	15-Jul-24	15-Jul-24	403d
KD-SA-RW03-1100	Returned Works - IV & State - Review	15d	16-Jul-24	05-Aug-24	403d
KD-SA-RW03-1120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	31-Jul-24	31-Jul-24	406d
KD-SA-RW03-1200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	06-Aug-24	06-Aug-24	403d
KD-SA-RW03-1140	Returned Works - Facility / Area Completed	0d		06-Aug-24	403d
Southern Area - Main Alignment		22d	29-Jul-24	28-Aug-24	387d
KD-SA-RW03-2000	Returned Works - Works Complete by D&C Contractor (JH)	0d		29-Jul-24	387d
KD-SA-RW03-2020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlinQ3)	1d	30-Jul-24	30-Jul-24	390d
KD-SA-RW03-2060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to C	5d	30-Jul-24	05-Aug-24	387d
KD-SA-RW03-2220	Stage 3 - D&C Contractor (JH) - Facility Completion - Defects Correction Period for Stage 3 Cert or as Notified	0d	31-Jul-24		611d
KD-SA-RW03-2240	Stage 3 - Completion - Complete 24 Month Defects Liability Period for all Other Returned Works Excl Pup's	0d		31-Jul-24	611d
KD-SA-RW03-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	31-Jul-24	31-Jul-24	390d
KD-SA-RW03-2180	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	31-Jul-24	31-Jul-24	390d
KD-SA-RW03-2160	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	01-Aug-24		407d
KD-SA-RW03-2080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	06-Aug-24	06-Aug-24	387d
KD-SA-RW03-2100	Returned Works - IV & State - Review	15d	07-Aug-24	27-Aug-24	387d
KD-SA-RW03-2120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	22-Aug-24	22-Aug-24	390d
KD-SA-RW03-2200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	28-Aug-24	28-Aug-24	387d
KD-SA-RW03-2140	Returned Works - Facility / Area Completed	0d		28-Aug-24	387d
Telstra		19d	04-Jun-24	01-Jul-24	429d
Northern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	429d
KD-TLS-RW04-1000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	429d
KD-TLS-RW04-1020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	429d
KD-TLS-RW04-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	429d
KD-TLS-RW04-1060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	429d
KD-TLS-RW04-1080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		446d
KD-TLS-RW04-1100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	429d
KD-TLS-RW04-1120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	429d
KD-TLS-RW04-1140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	429d
KD-TLS-RW04-1160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	429d
KD-TLS-RW04-1180	Returned Works - Facility / Area Completed	0d		01-Jul-24	429d
Southern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	429d
KD-TLS-RW04-2000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	429d
KD-TLS-RW04-2020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	429d
KD-TLS-RW04-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	429d
KD-TLS-RW04-2060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	429d
KD-TLS-RW04-2080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		446d
KD-TLS-RW04-2100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	429d
KD-TLS-RW04-2120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	429d
KD-TLS-RW04-2140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	429d
KD-TLS-RW04-2160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	429d
KD-TLS-RW04-2180	Returned Works - Facility / Area Completed	0d		01-Jul-24	429d
CoGC Water		19d	04-Jun-24	01-Jul-24	429d
Northern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	429d
KD-WT-RW03-1000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	429d
KD-WT-RW03-1020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	429d
KD-WT-RW03-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	429d
KD-WT-RW03-1060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	429d
KD-WT-RW03-1080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		446d
KD-WT-RW03-1100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	429d
KD-WT-RW03-1120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	429d
KD-WT-RW03-1140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	429d
KD-WT-RW03-1160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	429d



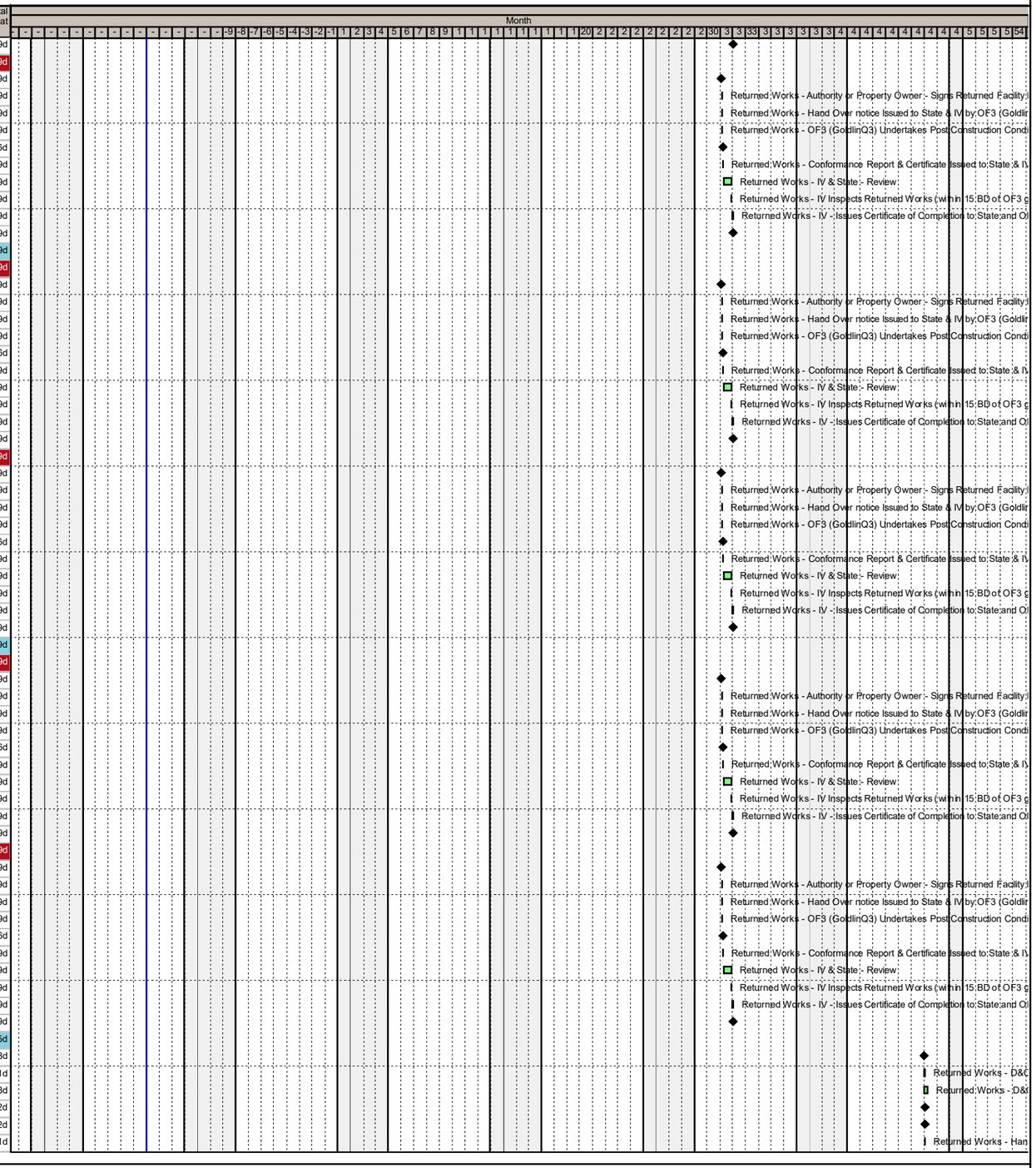
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
KD-WT-RW03-1180	Returned Works - Facility / Area Completed	0d		01-Jul-24	429d
Southern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	429d
KD-WT-RW03-2000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	429d
KD-WT-RW03-2020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	429d
KD-WT-RW03-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	429d
KD-WT-RW03-2060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	429d
KD-WT-RW03-2080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		446d
KD-WT-RW03-2100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	429d
KD-WT-RW03-2120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	429d
KD-WT-RW03-2140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	429d
KD-WT-RW03-2160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	429d
KD-WT-RW03-2180	Returned Works - Facility / Area Completed	0d		01-Jul-24	429d
CoGC Sewer		19d	04-Jun-24	01-Jul-24	429d
Northern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	429d
KD-SW-RW03-1000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	429d
KD-SW-RW03-1020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	429d
KD-SW-RW03-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	429d
KD-SW-RW03-1060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	429d
KD-SW-RW03-1080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		446d
KD-SW-RW03-1100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	429d
KD-SW-RW03-1120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	429d
KD-SW-RW03-1140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	429d
KD-SW-RW03-1160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	429d
KD-SW-RW03-1180	Returned Works - Facility / Area Completed	0d		01-Jul-24	429d
Southern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	429d
KD-SW-RW03-2000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	429d
KD-SW-RW03-2020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	429d
KD-SW-RW03-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	429d
KD-SW-RW03-2060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	429d
KD-SW-RW03-2080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		446d
KD-SW-RW03-2100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	429d
KD-SW-RW03-2120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	429d
KD-SW-RW03-2140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	429d
KD-SW-RW03-2160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	429d
KD-SW-RW03-2180	Returned Works - Facility / Area Completed	0d		01-Jul-24	429d
Energex		19d	04-Jun-24	01-Jul-24	429d
Northern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	429d
KD-EG-RW05-1000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	429d
KD-EG-RW05-1020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	429d
KD-EG-RW05-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	429d
KD-EG-RW05-1060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	429d
KD-EG-RW05-1080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		446d
KD-EG-RW05-1100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	429d
KD-EG-RW05-1120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	429d
KD-EG-RW05-1140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	429d
KD-EG-RW05-1160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	429d
KD-EG-RW05-1180	Returned Works - Facility / Area Completed	0d		01-Jul-24	429d
Southern Area - Main Alignment - Works not Designed by D&C Contractor		19d	04-Jun-24	01-Jul-24	429d
KD-EG-RW05-2000	Returned Works - Works Complete by Authority or Property Owner	0d		04-Jun-24	429d
KD-EG-RW05-2020	Returned Works - Authority or Property Owner - Signs Returned Facility Hand Over Notice	1d	05-Jun-24	05-Jun-24	429d
KD-EG-RW05-2040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	06-Jun-24	06-Jun-24	429d
KD-EG-RW05-2060	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	06-Jun-24	06-Jun-24	429d
KD-EG-RW05-2080	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Jun-24		446d
KD-EG-RW05-2100	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	07-Jun-24	07-Jun-24	429d
KD-EG-RW05-2120	Returned Works - IV & State - Review	15d	10-Jun-24	28-Jun-24	429d
KD-EG-RW05-2140	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Jun-24	28-Jun-24	429d
KD-EG-RW05-2160	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	01-Jul-24	01-Jul-24	429d
KD-EG-RW05-2180	Returned Works - Facility / Area Completed	0d		01-Jul-24	429d
GoldlinQ Assets or Works Designed by D&C Contractor		45d	01-Oct-25	04-Dec-25	75d
KD-GL-RW01-1000	Returned Works - Works Complete by D&C Contractor (JH)	0d		01-Oct-25	98d
KD-GL-RW01-1020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlinQ3)	1d	02-Oct-25	02-Oct-25	101d
KD-SA-RW01-1060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to C	5d	02-Oct-25	09-Oct-25	98d
KD-GL-RW01-1220	Stage 3 - D&C Contractor (JH) - Facility Completion - Defects Correction Period for Stage 3 Cert or as Notified	0d	03-Oct-25		182d
KD-GL-RW01-1240	Stage 3 - Completion - Complete 24 Month Defects Liability Period for all Other Returned Works Excl Pup's	0d		03-Oct-25	182d
KD-GL-RW01-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	03-Oct-25	03-Oct-25	101d



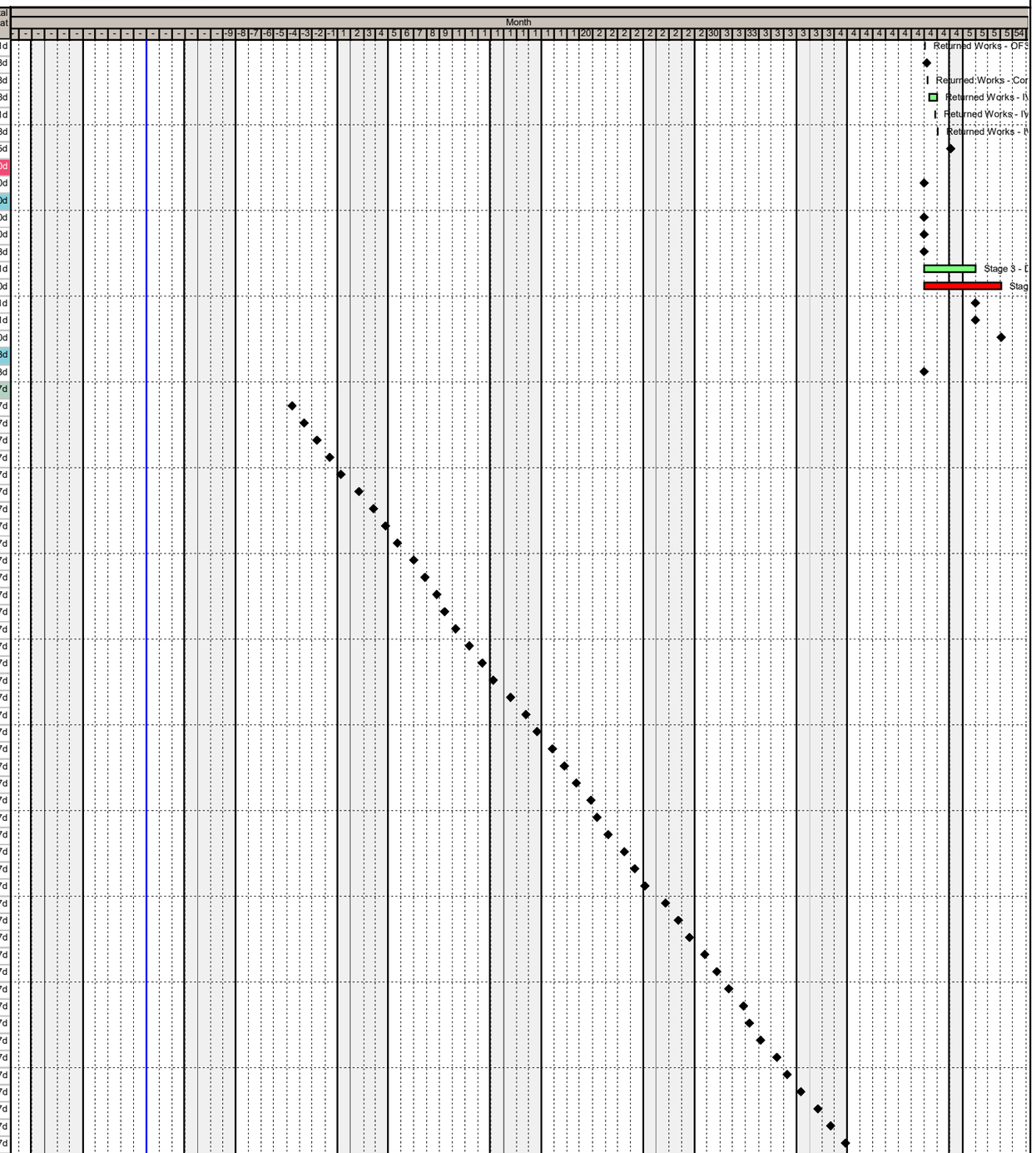
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
KD-GL-RW01-1180	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	03-Oct-25	03-Oct-25	101d
KD-GL-RW01-1160	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	07-Oct-25		118d
KD-GL-RW01-1080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	10-Oct-25	10-Oct-25	98d
KD-GL-RW01-1100	Returned Works - IV & State - Review	15d	13-Oct-25	31-Oct-25	98d
KD-GL-RW01-1120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	28-Oct-25	28-Oct-25	101d
KD-GL-RW01-1200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	03-Nov-25	03-Nov-25	98d
KD-GL-RW01-1140	Returned Works - Facility / Area Completed	0d		04-Dec-25	75d
Stage 3 Completion		183d	01-Oct-25	02-Apr-26	0d
CO-MS-S3-3000	Stage 3 - Completion excl Temp Works & Minor Defects [D&C Contract Definition + Works Deed Definition]	0d		01-Oct-25	0d
D&C Contractor - D&C Contract - Separable Portion B [Main Alignment]		183d	01-Oct-25	02-Apr-26	0d
CO-MS-SPB-3160	Stage 3 - Bond Issue to OF3 by D&C Contractor (JH) Cl 4A.1	0d		01-Oct-25	0d
CO-MS-SPB-3020	Stage 3 - D&C Completion - Separable Portion B [Contract Part A Cl 1.1 Definition p12]	0d		01-Oct-25	0d
CO-MS-SPB-3040	Stage 3 - D&C Commence 8 Month Sunset Period [Contract Part A Cl 1.1 Definition p12]	0d	02-Oct-25		183d
CO-MS-SPB-3080	Stage 3 - D&C 4 Month Close Out Period [Contract Part A Cl 1.1 Definition p12]	122d	02-Oct-25	31-Jan-26	61d
CO-MS-SPB-3120	Stage 3 - 6 Month Close Out Date Period [Contract Part A Cl 1.1 Definition p12]	183d	02-Oct-25	02-Apr-26	0d
CO-MS-SPB-3180	Stage 3 - Temporary Works Area Release Issued	0d		31-Jan-26	61d
CO-MS-SPB-3100	Stage 3 - D&C Close Out Date	0d		31-Jan-26	61d
CO-MS-SPB-3140	Stage 3 - Close Out Date	0d		02-Apr-26	0d
OF3 - Works Deed		0d	02-Oct-25	02-Oct-25	183d
CO-MS-S3-4000	Stage 3 - Completion - Commence 12 Month Sunset Period [Works Deed Part A Cl 1.1 Definition p37]	0d	02-Oct-25		183d
Reports Appendix A Item 7		941d	13-Aug-21	27-Jun-25	187d
CO-MS-RP-1000	D&C Contractor (JH) - Monthly Report Submission 1 to GoldLinQ (2nd Last Friday of following month)	0d		13-Aug-21	187d
CO-MS-RP-1020	D&C Contractor (JH) - Monthly Report Submission 2 to GoldLinQ (2nd Last Friday of following month)	0d		10-Sep-21	187d
CO-MS-RP-1040	D&C Contractor (JH) - Monthly Report Submission 3 to GoldLinQ (2nd Last Friday of following month)	0d		11-Oct-21	187d
CO-MS-RP-1060	D&C Contractor (JH) - Monthly Report Submission 4 to GoldLinQ (2nd Last Friday of following month)	0d		11-Nov-21	187d
CO-MS-RP-1080	D&C Contractor (JH) - Monthly Report Submission 5 to GoldLinQ (2nd Last Friday of following month)	0d		07-Dec-21	187d
CO-MS-RP-1100	D&C Contractor (JH) - Monthly Report Submission 6 to GoldLinQ (2nd Last Friday of following month)	0d		19-Jan-22	187d
CO-MS-RP-1120	D&C Contractor (JH) - Monthly Report Submission 7 to GoldLinQ (2nd Last Friday of following month)	0d		24-Feb-22	187d
CO-MS-RP-1140	D&C Contractor (JH) - Monthly Report Submission 8 to GoldLinQ (2nd Last Friday of following month)	0d		24-Mar-22	187d
CO-MS-RP-1160	D&C Contractor (JH) - Monthly Report Submission 9 to GoldLinQ (2nd Last Friday of following month)	0d		22-Apr-22	187d
CO-MS-RP-1180	D&C Contractor (JH) - Monthly Report Submission 10 to GoldLinQ (2nd Last Friday of following month)	0d		30-May-22	187d
CO-MS-RP-1200	D&C Contractor (JH) - Monthly Report Submission 11 to GoldLinQ (2nd Last Friday of following month)	0d		27-Jun-22	187d
CO-MS-RP-1220	D&C Contractor (JH) - Monthly Report Submission 12 to GoldLinQ (2nd Last Friday of following month)	0d		25-Jul-22	187d
CO-MS-RP-1240	D&C Contractor (JH) - Monthly Report Submission 13 to GoldLinQ (2nd Last Friday of following month)	0d		12-Aug-22	187d
CO-MS-RP-1260	D&C Contractor (JH) - Monthly Report Submission 14 to GoldLinQ (2nd Last Friday of following month)	0d		09-Sep-22	187d
CO-MS-RP-1280	D&C Contractor (JH) - Monthly Report Submission 15 to GoldLinQ (2nd Last Friday of following month)	0d		10-Oct-22	187d
CO-MS-RP-1300	D&C Contractor (JH) - Monthly Report Submission 16 to GoldLinQ (2nd Last Friday of following month)	0d		10-Nov-22	187d
CO-MS-RP-1320	D&C Contractor (JH) - Monthly Report Submission 17 to GoldLinQ (2nd Last Friday of following month)	0d		06-Dec-22	187d
CO-MS-RP-1340	D&C Contractor (JH) - Monthly Report Submission 18 to GoldLinQ (2nd Last Friday of following month)	0d		17-Jan-23	187d
CO-MS-RP-1360	D&C Contractor (JH) - Monthly Report Submission 19 to GoldLinQ (2nd Last Friday of following month)	0d		22-Feb-23	187d
CO-MS-RP-1380	D&C Contractor (JH) - Monthly Report Submission 20 to GoldLinQ (2nd Last Friday of following month)	0d		22-Mar-23	187d
CO-MS-RP-1400	D&C Contractor (JH) - Monthly Report Submission 21 to GoldLinQ (2nd Last Friday of following month)	0d		28-Apr-23	187d
CO-MS-RP-1420	D&C Contractor (JH) - Monthly Report Submission 22 to GoldLinQ (2nd Last Friday of following month)	0d		26-May-23	187d
CO-MS-RP-1440	D&C Contractor (JH) - Monthly Report Submission 23 to GoldLinQ (2nd Last Friday of following month)	0d		23-Jun-23	187d
CO-MS-RP-1460	D&C Contractor (JH) - Monthly Report Submission 24 to GoldLinQ (2nd Last Friday of following month)	0d		28-Jul-23	187d
CO-MS-RP-1480	D&C Contractor (JH) - Monthly Report Submission 25 to GoldLinQ (2nd Last Friday of following month)	0d		11-Aug-23	187d
CO-MS-RP-1500	D&C Contractor (JH) - Monthly Report Submission 26 to GoldLinQ (2nd Last Friday of following month)	0d		08-Sep-23	187d
CO-MS-RP-1520	D&C Contractor (JH) - Monthly Report Submission 27 to GoldLinQ (2nd Last Friday of following month)	0d		16-Oct-23	187d
CO-MS-RP-1540	D&C Contractor (JH) - Monthly Report Submission 28 to GoldLinQ (2nd Last Friday of following month)	0d		09-Nov-23	187d
CO-MS-RP-1560	D&C Contractor (JH) - Monthly Report Submission 29 to GoldLinQ (2nd Last Friday of following month)	0d		05-Dec-23	187d
CO-MS-RP-1580	D&C Contractor (JH) - Monthly Report Submission 30 to GoldLinQ (2nd Last Friday of following month)	0d		23-Jan-24	187d
CO-MS-RP-1600	D&C Contractor (JH) - Monthly Report Submission 31 to GoldLinQ (2nd Last Friday of following month)	0d		21-Feb-24	187d
CO-MS-RP-1620	D&C Contractor (JH) - Monthly Report Submission 32 to GoldLinQ (2nd Last Friday of following month)	0d		20-Mar-24	187d
CO-MS-RP-1640	D&C Contractor (JH) - Monthly Report Submission 33 to GoldLinQ (2nd Last Friday of following month)	0d		26-Apr-24	187d
CO-MS-RP-1660	D&C Contractor (JH) - Monthly Report Submission 34 to GoldLinQ (2nd Last Friday of following month)	0d		24-May-24	187d
CO-MS-RP-1680	D&C Contractor (JH) - Monthly Report Submission 35 to GoldLinQ (2nd Last Friday of following month)	0d		21-Jun-24	187d
CO-MS-RP-1700	D&C Contractor (JH) - Monthly Report Submission 36 to GoldLinQ (2nd Last Friday of following month)	0d		26-Jul-24	187d
CO-MS-RP-1720	D&C Contractor (JH) - Monthly Report Submission 37 to GoldLinQ (2nd Last Friday of following month)	0d		09-Aug-24	187d
CO-MS-RP-1740	D&C Contractor (JH) - Monthly Report Submission 38 to GoldLinQ (2nd Last Friday of following month)	0d		06-Sep-24	187d
CO-MS-RP-1760	D&C Contractor (JH) - Monthly Report Submission 39 to GoldLinQ (2nd Last Friday of following month)	0d		14-Oct-24	187d
CO-MS-RP-1780	D&C Contractor (JH) - Monthly Report Submission 40 to GoldLinQ (2nd Last Friday of following month)	0d		07-Nov-24	187d
CO-MS-RP-1800	D&C Contractor (JH) - Monthly Report Submission 41 to GoldLinQ (2nd Last Friday of following month)	0d		10-Dec-24	187d
CO-MS-RP-1820	D&C Contractor (JH) - Monthly Report Submission 42 to GoldLinQ (2nd Last Friday of following month)	0d		21-Jan-25	187d
CO-MS-RP-1840	D&C Contractor (JH) - Monthly Report Submission 43 to GoldLinQ (2nd Last Friday of following month)	0d		19-Feb-25	187d
CO-MS-RP-1860	D&C Contractor (JH) - Monthly Report Submission 44 to GoldLinQ (2nd Last Friday of following month)	0d		26-Mar-25	187d



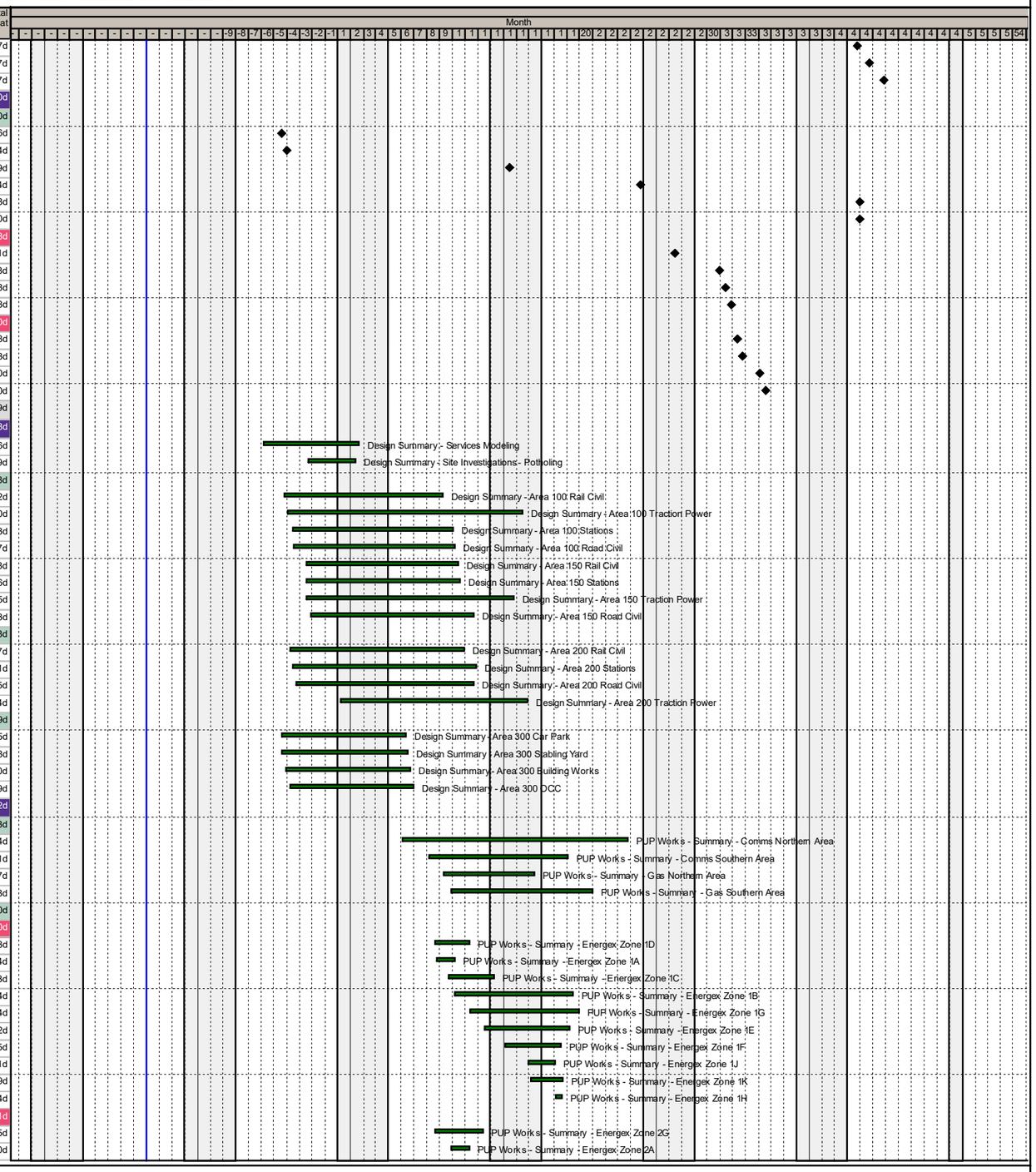
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CO-MS-RP-1880	D&C Contractor (JH) - Monthly Report Submission 45 to GoldLinQ (2nd Last Friday of following month)	0d		24-Apr-25	187d
CO-MS-RP-1900	D&C Contractor (JH) - Monthly Report Submission 46 to GoldLinQ (2nd Last Friday of following month)	0d		23-May-25	187d
CO-MS-RP-1920	D&C Contractor (JH) - Monthly Report Submission 47 to GoldLinQ (2nd Last Friday of following month)	0d		27-Jun-25	187d
Bombardier (BT)		920d	19-Jul-21	01-May-25	30d
Key Access Milestones		920d	19-Jul-21	01-May-25	30d
KD-MS-BT-SPB-1000	Bombardier (BT) - Conceptual Design (Incl Radio Coverage Analysis) Submission to Preferred D&C Contractor	0d		19-Jul-21	36d
KD-MS-BT-3740	Bombardier (BT) - Notified that AECOMM has commenced design	0d	02-Aug-21		84d
KD-MS-BT-SPA-1000	Bombardier (BT) - Depot on Site	0d	16-Jan-23		189d
KD-MS-BT-MI5714	Bombardier (BT) - Integrated Testing Facility	0d		24-Nov-23	184d
KD-MS-BT-S008	Bombardier (BT) - OCC Cutover Complete	0d		01-May-25	28d
KD-MS-BT-3750	Bombardier (BT) - Project Completion - BT's Scope	0d		01-May-25	30d
North		93d	13-Feb-24	27-Jun-24	18d
KD-N-MS-1000	Broadbeach South Station to Mermaid Beach Station - Handover to BT	0d		13-Feb-24*	51d
KD-N-MS-1020	Mermaid Beach Station to Mermaid Beach South Station - Handover to BT	0d		30-May-24	18d
KD-N-MS-1040	Mermaid Beach South Station to Nobby Beach Station - Handover to BT	0d		13-Jun-24	18d
KD-N-MS-1060	Nobby Beach Station to Miami North Station - Handover to BT	0d		27-Jun-24	18d
South		48d	11-Jul-24	18-Sep-24	0d
KD-S-MS-1000	Miami North Station to Miami Station - Handover to BT	0d		11-Jul-24	18d
KD-S-MS-1020	Miami Station to Christine Ave Station - Handover to BT	0d		25-Jul-24	18d
KD-S-MS-1040	Christine Ave Station to Second Ave Burleigh Station - Handover to BT	0d		04-Sep-24	0d
KD-S-MS-1060	Second Ave Burleigh Station to Burleigh Station - Handover to BT	0d		18-Sep-24	0d
PROJECT SUMMARY		1662d	18-May-21	04-Dec-25	119d
Design		630d	08-Jun-21	27-Feb-23	478d
PS-DG-1020	Design Summary - Services Modeling	227d	08-Jun-21	20-Jan-22	216d
PS-DG-1000	Design Summary - Site Investigations- Potholing	114d	21-Sep-21	12-Jan-22	19d
Northern Area		568d	27-Jul-21	14-Feb-23	428d
PS-DG-1040	Design Summary - Area 100 Rail Civil	378d	27-Jul-21	08-Aug-22	172d
PS-DG-1100	Design Summary - Area 100 Traction Power	561d	03-Aug-21	14-Feb-23	100d
PS-DG-1080	Design Summary - Area 100 Stations	382d	16-Aug-21	01-Sep-22	543d
PS-DG-1060	Design Summary - Area 100 Road Civil	384d	18-Aug-21	05-Sep-22	107d
PS-DG-1120	Design Summary - Area 150 Rail Civil	364d	17-Sep-21	15-Sep-22	258d
PS-DG-1160	Design Summary - Area 150 Stations	368d	17-Sep-21	19-Sep-22	576d
PS-DG-1180	Design Summary - Area 150 Traction Power	496d	17-Sep-21	25-Jan-23	155d
PS-DG-1140	Design Summary - Area 150 Road Civil	389d	27-Sep-21	20-Oct-22	183d
Southern Area		567d	10-Aug-21	27-Feb-23	478d
PS-DG-1220	Design Summary - Area 200 Rail Civil	416d	10-Aug-21	29-Sep-22	217d
PS-DG-1260	Design Summary - Area 200 Stations	438d	16-Aug-21	27-Oct-22	601d
PS-DG-1240	Design Summary - Area 200 Road Civil	425d	23-Aug-21	21-Oct-22	195d
PS-DG-1280	Design Summary - Area 200 Traction Power	447d	08-Dec-21	27-Feb-23	234d
Depot Area		316d	20-Jul-21	31-May-22	479d
PS-DG-1340	Design Summary - Area 300 Car Park	297d	20-Jul-21	12-May-22	285d
PS-DG-1360	Design Summary - Area 300 Stabling Yard	301d	20-Jul-21	16-May-22	298d
PS-DG-1380	Design Summary - Area 300 Building Works	298d	30-Jul-21	23-May-22	380d
PS-DG-1400	Design Summary - Area 300 OCC	295d	10-Aug-21	31-May-22	479d
Services		618d	31-Mar-22	08-Dec-23	272d
Other		539d	04-May-22	24-Oct-23	258d
PS-PUP-4020	PUP Works - Summary - Comms Northern Area	539d	04-May-22	24-Oct-23	224d
PS-PUP-4120	PUP Works - Summary - Comms Southern Area	331d	08-Jul-22	03-Jun-23	401d
PS-PUP-4000	PUP Works - Summary - Gas Northern Area	218d	10-Aug-22	15-Mar-23	177d
PS-PUP-4100	PUP Works - Summary - Gas Southern Area	337d	30-Aug-22	01-Aug-23	308d
Energex - Contestable		414d	21-Jul-22	07-Sep-23	160d
Northern Area		344d	21-Jul-22	29-Jun-23	230d
PS-PUP-1080	PUP Works - Summary - Energex Zone 1D	82d	21-Jul-22	10-Oct-22	33d
PS-PUP-1020	PUP Works - Summary - Energex Zone 1A	43d	26-Jul-22	06-Sep-22	94d
PS-PUP-1060	PUP Works - Summary - Energex Zone 1C	109d	23-Aug-22	09-Dec-22	153d
PS-PUP-1040	PUP Works - Summary - Energex Zone 1B	282d	07-Sep-22	15-Jun-23	244d
PS-PUP-1140	PUP Works - Summary - Energex Zone 1G	259d	14-Oct-22	29-Jun-23	134d
PS-PUP-1100	PUP Works - Summary - Energex Zone 1E	202d	18-Nov-22	07-Jun-23	132d
PS-PUP-1120	PUP Works - Summary - Energex Zone 1F	134d	05-Jan-23	18-May-23	95d
PS-PUP-1180	PUP Works - Summary - Energex Zone 1J	64d	02-Mar-23	04-May-23	111d
PS-PUP-1200	PUP Works - Summary - Energex Zone 1K	77d	07-Mar-23	22-May-23	49d
PS-PUP-1160	PUP Works - Summary - Energex Zone 1H	15d	05-May-23	19-May-23	194d
Southern Area		414d	21-Jul-22	07-Sep-23	131d
PS-PUP-1300	PUP Works - Summary - Energex Zone 2G	115d	21-Jul-22	12-Nov-22	185d
PS-PUP-1220	PUP Works - Summary - Energex Zone 2A	43d	30-Aug-22	11-Oct-22	150d



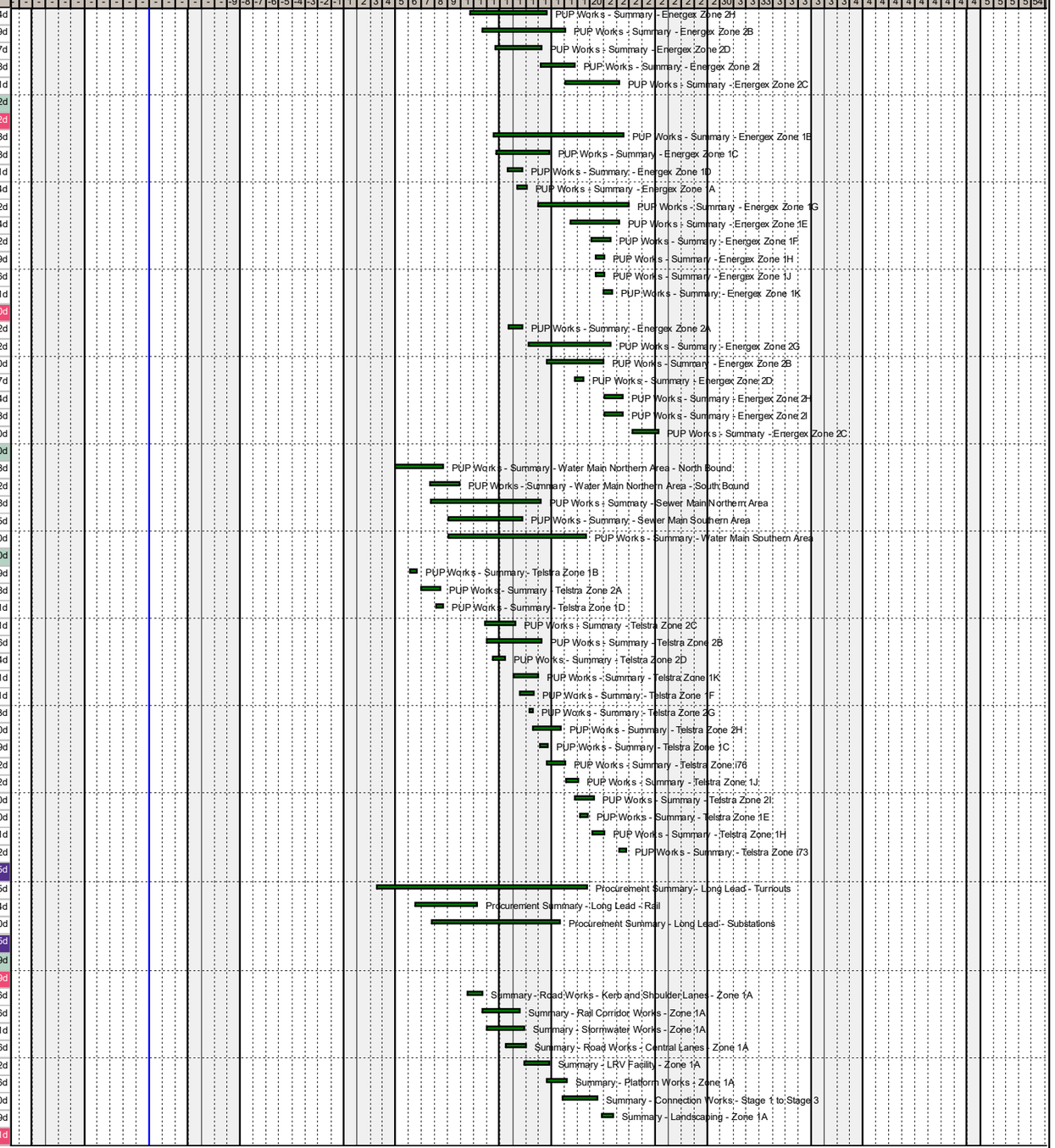
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PS-PUP-1320	PUP Works - Summary - Energex Zone 2H	181d	22-Sep-22	21-Mar-23	114d
PS-PUP-1240	PUP Works - Summary - Energex Zone 2B	195d	21-Oct-22	03-May-23	89d
PS-PUP-1280	PUP Works - Summary - Energex Zone 2D	109d	22-Nov-22	10-Mar-23	7d
PS-PUP-1340	PUP Works - Summary - Energex Zone 2I	80d	07-Mar-23	25-May-23	98d
PS-PUP-1260	PUP Works - Summary - Energex Zone 2C	127d	04-May-23	07-Sep-23	131d
Energex - Non-Contestable		386d	18-Nov-22	08-Dec-23	272d
Northern Area		316d	18-Nov-22	29-Sep-23	342d
PS-PUP-2040	PUP Works - Summary - Energex Zone 1B	305d	18-Nov-22	18-Sep-23	343d
PS-PUP-2060	PUP Works - Summary - Energex Zone 1C	124d	24-Nov-22	27-Mar-23	518d
PS-PUP-2080	PUP Works - Summary - Energex Zone 1D	35d	20-Dec-22	23-Jan-23	581d
PS-PUP-2020	PUP Works - Summary - Energex Zone 1A	22d	12-Jan-23	02-Feb-23	294d
PS-PUP-2140	PUP Works - Summary - Energex Zone 1G	213d	01-Mar-23	29-Sep-23	332d
PS-PUP-2100	PUP Works - Summary - Energex Zone 1E	115d	16-May-23	07-Sep-23	354d
PS-PUP-2120	PUP Works - Summary - Energex Zone 1F	44d	05-Jul-23	17-Aug-23	372d
PS-PUP-2160	PUP Works - Summary - Energex Zone 1H	21d	14-Jul-23	03-Aug-23	389d
PS-PUP-2180	PUP Works - Summary - Energex Zone 1J	21d	14-Jul-23	03-Aug-23	386d
PS-PUP-2200	PUP Works - Summary - Energex Zone 1K	21d	01-Aug-23	21-Aug-23	381d
Southern Area		353d	21-Dec-22	08-Dec-23	270d
PS-PUP-2220	PUP Works - Summary - Energex Zone 2A	35d	21-Dec-22	24-Jan-23	582d
PS-PUP-2300	PUP Works - Summary - Energex Zone 2G	192d	07-Feb-23	17-Aug-23	382d
PS-PUP-2240	PUP Works - Summary - Energex Zone 2B	135d	21-Mar-23	02-Aug-23	390d
PS-PUP-2280	PUP Works - Summary - Energex Zone 2D	21d	26-May-23	15-Jun-23	407d
PS-PUP-2320	PUP Works - Summary - Energex Zone 2H	43d	04-Aug-23	15-Sep-23	354d
PS-PUP-2340	PUP Works - Summary - Energex Zone 2I	43d	04-Aug-23	15-Sep-23	353d
PS-PUP-2260	PUP Works - Summary - Energex Zone 2C	61d	09-Oct-23	08-Dec-23	270d
CoGC Water and Sewer		449d	31-Mar-22	22-Jun-23	340d
PS-PUP-3000	PUP Works - Summary - Water Main Northern Area - North Bound	112d	31-Mar-22	20-Jul-22	3d
PS-PUP-3020	PUP Works - Summary - Water Main Northern Area - South Bound	71d	20-Jun-22	29-Aug-22	2d
PS-PUP-3060	PUP Works - Summary - Sewer Main Northern Area	259d	22-Jun-22	07-Mar-23	248d
PS-PUP-3040	PUP Works - Summary - Sewer Main Southern Area	174d	03-Aug-22	23-Jan-23	435d
PS-PUP-3100	PUP Works - Summary - Water Main Southern Area	324d	03-Aug-22	22-Jun-23	340d
Telstra		508d	04-May-22	23-Sep-23	290d
PS-PUP-5000	PUP Works - Summary - Telstra Zone 1B	17d	04-May-22	20-May-22	319d
PS-PUP-5240	PUP Works - Summary - Telstra Zone 2A	46d	31-May-22	15-Jul-22	238d
PS-PUP-5040	PUP Works - Summary - Telstra Zone 1D	16d	05-Jul-22	20-Jul-22	211d
PS-PUP-5300	PUP Works - Summary - Telstra Zone 2C	72d	27-Oct-22	06-Jan-23	311d
PS-PUP-5260	PUP Works - Summary - Telstra Zone 2B	130d	31-Oct-22	09-Mar-23	446d
PS-PUP-5340	PUP Works - Summary - Telstra Zone 2D	29d	15-Nov-22	13-Dec-22	114d
PS-PUP-5160	PUP Works - Summary - Telstra Zone 1K	57d	03-Jan-23	28-Feb-23	91d
PS-PUP-5080	PUP Works - Summary - Telstra Zone 1F	33d	17-Jan-23	18-Feb-23	151d
PS-PUP-5380	PUP Works - Summary - Telstra Zone 2G	10d	08-Feb-23	17-Feb-23	153d
PS-PUP-5420	PUP Works - Summary - Telstra Zone 2H	66d	18-Feb-23	24-Apr-23	180d
PS-PUP-5020	PUP Works - Summary - Telstra Zone 1C	18d	06-Mar-23	23-Mar-23	119d
PS-PUP-5460	PUP Works - Summary - Telstra Zone i76	45d	21-Mar-23	04-May-23	432d
PS-PUP-5140	PUP Works - Summary - Telstra Zone 1J	30d	05-May-23	03-Jun-23	112d
PS-PUP-5220	PUP Works - Summary - Telstra Zone 2I	46d	26-May-23	10-Jul-23	100d
PS-PUP-5060	PUP Works - Summary - Telstra Zone 1E	19d	08-Jun-23	26-Jun-23	130d
PS-PUP-5120	PUP Works - Summary - Telstra Zone 1H	29d	06-Jul-23	03-Aug-23	211d
PS-PUP-5440	PUP Works - Summary - Telstra Zone i73	16d	08-Sep-23	23-Sep-23	222d
Procurement - Long Leads		493d	16-Feb-22	23-Jun-23	525d
PS-PR-1020	Procurement Summary - Long Lead - Turnouts	493d	16-Feb-22	23-Jun-23	525d
PS-PR-1000	Procurement Summary - Long Lead - Rail	146d	17-May-22	09-Oct-22	284d
PS-PR-1040	Procurement Summary - Long Lead - Substations	302d	25-Jun-22	22-Apr-23	180d
Civil - Main Alignment		756d	17-Sep-22	11-Oct-24	245d
Northern Area		662d	17-Sep-22	09-Jul-24	339d
Zone 1A		342d	17-Sep-22	24-Aug-23	659d
PS-DP-1A-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1A	35d	17-Sep-22	21-Oct-22	116d
PS-DP-1A-1020	Summary - Rail Corridor Works - Zone 1A	88d	22-Oct-22	17-Jan-23	106d
PS-DP-1A-1040	Summary - Stormwater Works - Zone 1A	89d	31-Oct-22	27-Jan-23	241d
PS-DP-1A-1010	Summary - Road Works - Central Lanes - Zone 1A	48d	15-Dec-22	31-Jan-23	106d
PS-DP-1A-1060	Summary - LRV Facility - Zone 1A	59d	28-Jan-23	27-Mar-23	242d
PS-DP-1A-1080	Summary - Platform Works - Zone 1A	48d	22-Mar-23	08-May-23	296d
PS-DP-1A-1100	Summary - Connection Works - Stage 1 to Stage 3	82d	27-Apr-23	17-Jul-23	270d
PS-DP-1A-1120	Summary - Landscaping - Zone 1A	27d	29-Jul-23	24-Aug-23	659d
Zone 1B		132d	02-Feb-23	13-Jun-23	731d



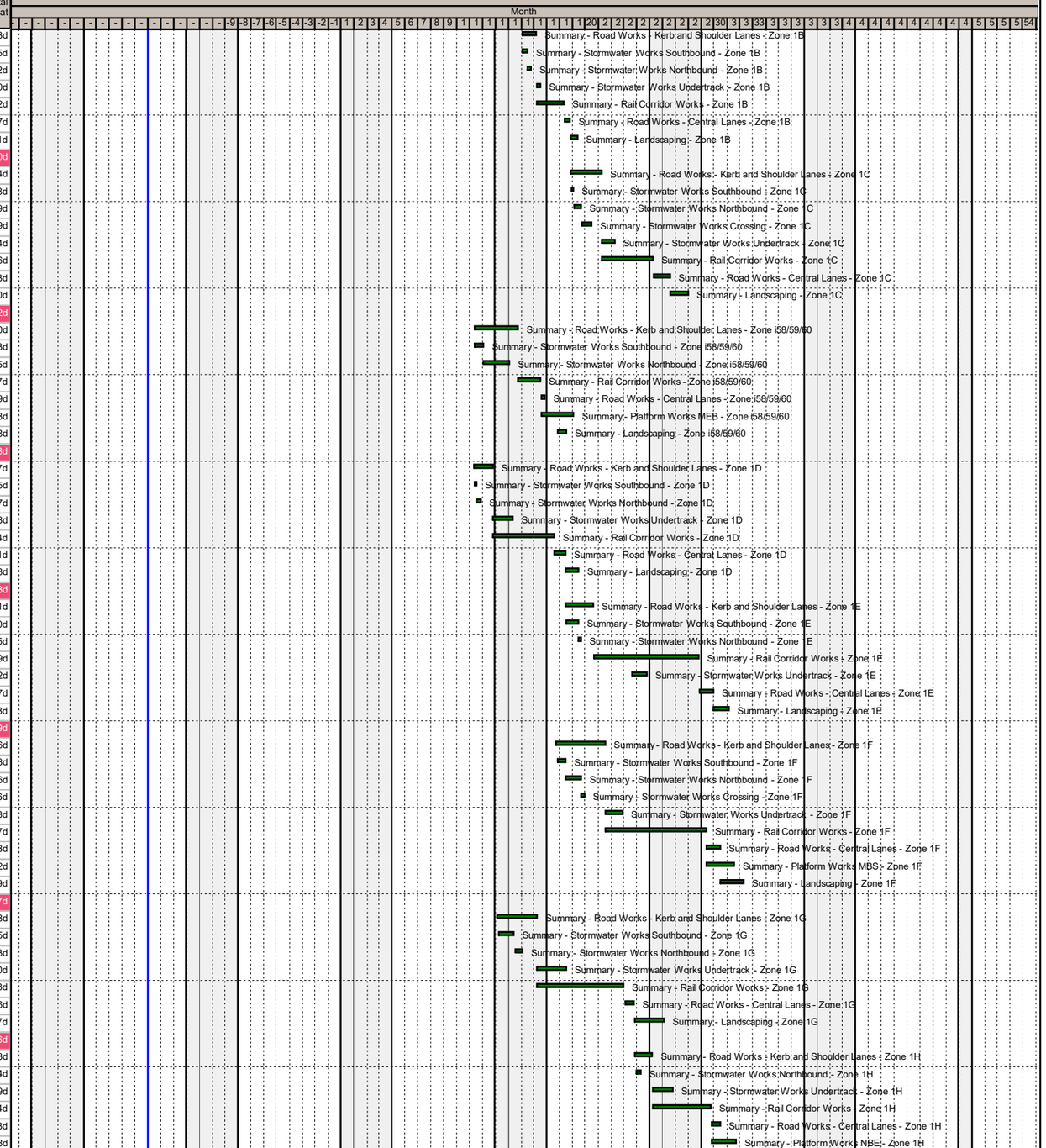
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PS-DP-1B-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1B	35d	02-Feb-23	08-Mar-23	103d
PS-DP-1B-1040	Summary - Stormwater Works Southbound - Zone 1B	12d	03-Feb-23	14-Feb-23	105d
PS-DP-1B-1045	Summary - Stormwater Works Northbound - Zone 1B	8d	16-Feb-23	23-Feb-23	102d
PS-DP-1B-1050	Summary - Stormwater Works Undertrack - Zone 1B	10d	09-Mar-23	18-Mar-23	100d
PS-DP-1B-1020	Summary - Rail Corridor Works - Zone 1B	65d	09-Mar-23	12-May-23	82d
PS-DP-1B-1010	Summary - Road Works - Central Lanes - Zone 1B	14d	13-May-23	26-May-23	87d
PS-DP-1B-1120	Summary - Landscaping - Zone 1B	16d	29-May-23	13-Jun-23	731d
Zone 1C		277d	29-May-23	29-Feb-24	470d
PS-DP-1C-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1C	73d	29-May-23	09-Aug-23	94d
PS-DP-1C-1040	Summary - Stormwater Works Southbound - Zone 1C	4d	31-May-23	03-Jun-23	88d
PS-DP-1C-1042	Summary - Stormwater Works Northbound - Zone 1C	18d	05-Jun-23	22-Jun-23	89d
PS-DP-1C-1048	Summary - Stormwater Works Crossing - Zone 1C	23d	23-Jun-23	15-Jul-23	89d
PS-DP-1C-1046	Summary - Stormwater Works Undertrack - Zone 1C	31d	10-Aug-23	09-Sep-23	94d
PS-DP-1C-1020	Summary - Rail Corridor Works - Zone 1C	122d	10-Aug-23	09-Dec-23	126d
PS-DP-1C-1010	Summary - Road Works - Central Lanes - Zone 1C	39d	11-Dec-23	18-Jan-24	218d
PS-DP-1C-1120	Summary - Landscaping - Zone 1C	42d	19-Jan-24	29-Feb-24	470d
Zone i58		233d	13-Oct-22	02-Jun-23	742d
PS-DP-I58-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone i58/59/60	103d	13-Oct-22	23-Jan-23	190d
PS-DP-I58-1040	Summary - Stormwater Works Southbound - Zone i58/59/60	20d	14-Oct-22	02-Nov-22	143d
PS-DP-I58-1042	Summary - Stormwater Works Northbound - Zone i58/59/60	62d	03-Nov-22	03-Jan-23	135d
PS-DP-I58-1020	Summary - Rail Corridor Works - Zone i58/59/60	54d	24-Jan-23	18-Mar-23	187d
PS-DP-I58-1010	Summary - Road Works - Central Lanes - Zone i58/59/60	9d	20-Mar-23	28-Mar-23	189d
PS-DP-I58-1080	Summary - Platform Works MEB - Zone i58/59/60	75d	20-Mar-23	02-Jun-23	483d
PS-DP-I58-1120	Summary - Landscaping - Zone i58/59/60	20d	28-Apr-23	17-May-23	758d
Zone 1D		249d	11-Oct-22	16-Jun-23	728d
PS-DP-1D-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1D	45d	11-Oct-22	24-Nov-22	187d
PS-DP-1D-1040	Summary - Stormwater Works Southbound - Zone 1D	5d	13-Oct-22	17-Oct-22	185d
PS-DP-1D-1042	Summary - Stormwater Works Northbound - Zone 1D	10d	18-Oct-22	27-Oct-22	187d
PS-DP-1D-1044	Summary - Stormwater Works Undertrack - Zone 1D	47d	25-Nov-22	10-Jan-23	163d
PS-DP-1D-1020	Summary - Rail Corridor Works - Zone 1D	145d	25-Nov-22	18-Apr-23	144d
PS-DP-1D-1010	Summary - Road Works - Central Lanes - Zone 1D	27d	20-Apr-23	16-May-23	141d
PS-DP-1D-1120	Summary - Landscaping - Zone 1D	31d	17-May-23	16-Jun-23	728d
Zone 1E		386d	17-May-23	05-Jun-24	373d
PS-DP-1E-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1E	66d	17-May-23	21-Jul-23	171d
PS-DP-1E-1040	Summary - Stormwater Works Southbound - Zone 1E	28d	19-May-23	15-Jun-23	140d
PS-DP-1E-1042	Summary - Stormwater Works Northbound - Zone 1E	7d	16-Jun-23	22-Jun-23	145d
PS-DP-1E-1020	Summary - Rail Corridor Works - Zone 1E	249d	22-Jul-23	26-Mar-24	79d
PS-DP-1E-1044	Summary - Stormwater Works Undertrack - Zone 1E	35d	20-Oct-23	23-Nov-23	82d
PS-DP-1E-1010	Summary - Road Works - Central Lanes - Zone 1E	33d	28-Mar-24	29-Apr-24	347d
PS-DP-1E-1120	Summary - Landscaping - Zone 1E	37d	30-Apr-24	05-Jun-24	373d
Zone 1F		443d	24-Apr-23	09-Jul-24	339d
PS-DP-1F-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1F	116d	24-Apr-23	17-Aug-23	26d
PS-DP-1F-1040	Summary - Stormwater Works Southbound - Zone 1F	18d	28-Apr-23	15-May-23	23d
PS-DP-1F-1042	Summary - Stormwater Works Northbound - Zone 1F	37d	16-May-23	21-Jun-23	26d
PS-DP-1F-1046	Summary - Stormwater Works Crossing - Zone 1F	8d	22-Jun-23	29-Jun-23	26d
PS-DP-1F-1044	Summary - Stormwater Works Undertrack - Zone 1F	42d	18-Aug-23	28-Sep-23	28d
PS-DP-1F-1020	Summary - Rail Corridor Works - Zone 1F	239d	18-Aug-23	12-Apr-24	27d
PS-DP-1F-1010	Summary - Road Works - Central Lanes - Zone 1F	33d	13-Apr-24	15-May-24	313d
PS-DP-1F-1080	Summary - Platform Works MBS - Zone 1F	66d	13-Apr-24	17-Jun-24	102d
PS-DP-1F-1120	Summary - Landscaping - Zone 1F	55d	16-May-24	09-Jul-24	339d
Zone 1G		394d	06-Dec-22	03-Jan-24	527d
PS-DP-1G-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1G	94d	06-Dec-22	09-Mar-23	43d
PS-DP-1G-1040	Summary - Stormwater Works Southbound - Zone 1G	36d	09-Dec-22	13-Jan-23	35d
PS-DP-1G-1042	Summary - Stormwater Works Northbound - Zone 1G	17d	17-Jan-23	02-Feb-23	33d
PS-DP-1G-1044	Summary - Stormwater Works Undertrack - Zone 1G	69d	10-Mar-23	17-May-23	30d
PS-DP-1G-1020	Summary - Rail Corridor Works - Zone 1G	204d	10-Mar-23	29-Sep-23	33d
PS-DP-1G-1010	Summary - Road Works - Central Lanes - Zone 1G	22d	04-Oct-23	25-Oct-23	36d
PS-DP-1G-1120	Summary - Landscaping - Zone 1G	70d	26-Oct-23	03-Jan-24	527d
Zone 1H		241d	26-Oct-23	22-Jun-24	356d
PS-DP-1H-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1H	43d	26-Oct-23	07-Dec-23	53d
PS-DP-1H-1040	Summary - Stormwater Works Northbound - Zone 1H	12d	30-Oct-23	10-Nov-23	34d
PS-DP-1H-1140	Summary - Stormwater Works Undertrack - Zone 1H	49d	08-Dec-23	25-Jan-24	39d
PS-DP-1H-1020	Summary - Rail Corridor Works - Zone 1H	139d	08-Dec-23	24-Apr-24	34d
PS-DP-1H-1010	Summary - Road Works - Central Lanes - Zone 1H	21d	26-Apr-24	16-May-24	368d
PS-DP-1H-1080	Summary - Platform Works NBE - Zone 1H	58d	26-Apr-24	22-Jun-24	128d



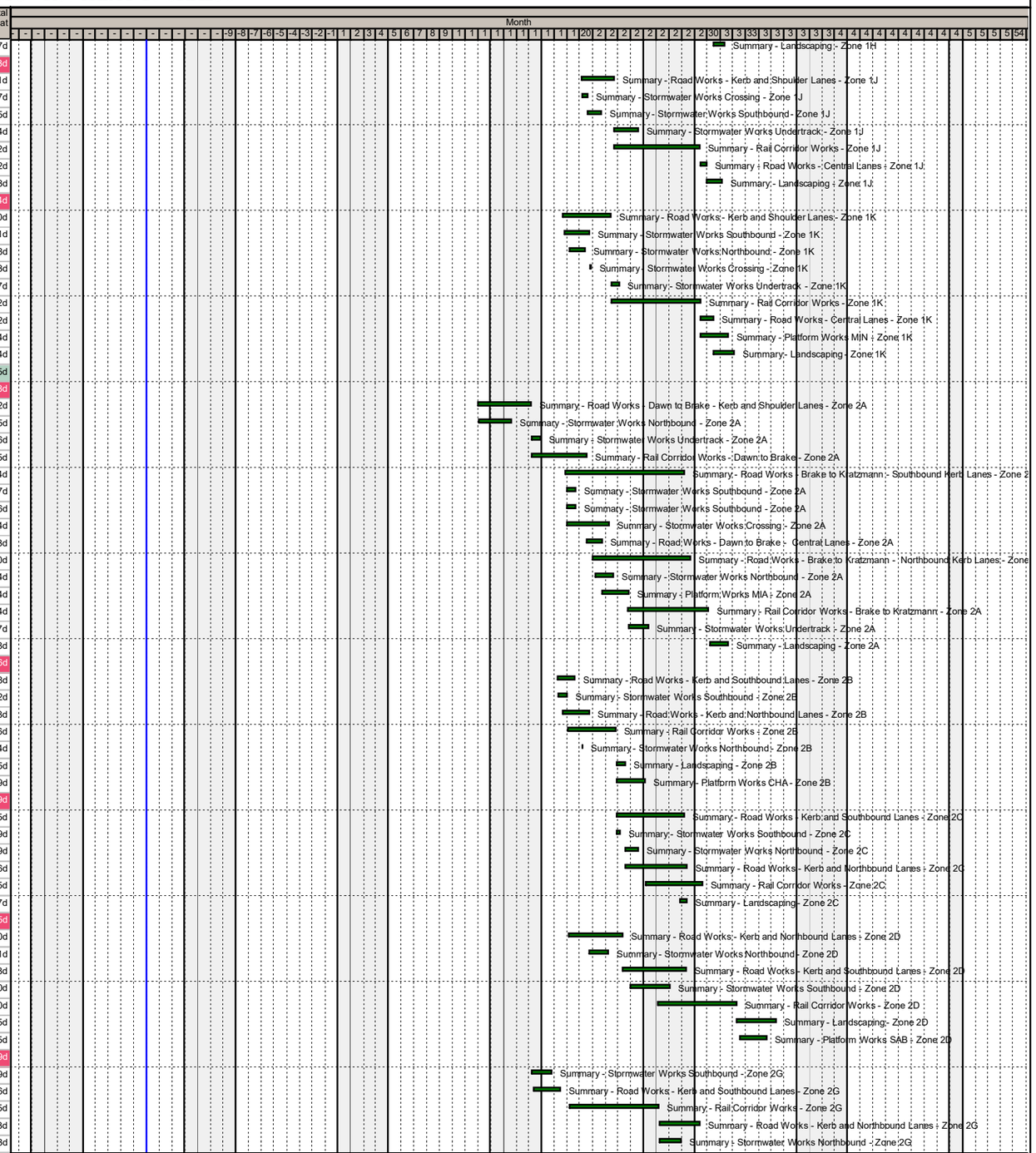
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PS-DP-1H-1120	Summary - Landscaping - Zone 1H	26d	17-May-24	11-Jun-24	367d
Zone 1J		336d	06-Jul-23	05-Jun-24	373d
PS-DP-1J-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1J	78d	06-Jul-23	21-Sep-23	141d
PS-DP-1J-1140	Summary - Stormwater Works Crossing - Zone 1J	13d	08-Jul-23	20-Jul-23	117d
PS-DP-1J-1040	Summary - Stormwater Works Southbound - Zone 1J	33d	21-Jul-23	22-Aug-23	135d
PS-DP-1J-1042	Summary - Stormwater Works Undertrack - Zone 1J	57d	22-Sep-23	17-Nov-23	154d
PS-DP-1J-1020	Summary - Rail Corridor Works - Zone 1J	205d	22-Sep-23	13-Apr-24	132d
PS-DP-1J-1010	Summary - Road Works - Central Lanes - Zone 1J	15d	15-Apr-24	29-Apr-24	332d
PS-DP-1J-1120	Summary - Landscaping - Zone 1J	37d	30-Apr-24	05-Jun-24	373d
Zone 1K		409d	23-May-23	04-Jul-24	344d
PS-DP-1K-1000	Summary - Road Works - Kerb and Shoulder Lanes - Zone 1K	115d	23-May-23	14-Sep-23	50d
PS-DP-1K-1040	Summary - Stormwater Works Southbound - Zone 1K	61d	26-May-23	25-Jul-23	51d
PS-DP-1K-1042	Summary - Stormwater Works Northbound - Zone 1K	37d	08-Jun-23	14-Jul-23	68d
PS-DP-1K-1046	Summary - Stormwater Works Crossing - Zone 1K	4d	26-Jul-23	29-Jul-23	53d
PS-DP-1K-1044	Summary - Stormwater Works Undertrack - Zone 1K	20d	15-Sep-23	04-Oct-23	57d
PS-DP-1K-1020	Summary - Rail Corridor Works - Zone 1K	214d	15-Sep-23	15-Apr-24	52d
PS-DP-1K-1010	Summary - Road Works - Central Lanes - Zone 1K	30d	16-Apr-24	15-May-24	322d
PS-DP-1K-1080	Summary - Platform Works MIN - Zone 1K	65d	16-Apr-24	19-Jun-24	134d
PS-DP-1K-1120	Summary - Landscaping - Zone 1K	50d	16-May-24	04-Jul-24	344d
Southern Area		712d	31-Oct-22	11-Oct-24	245d
Zone 2A		599d	31-Oct-22	20-Jun-24	358d
PS-DP-2A-1000	Summary - Road Works - Dawn to Brake - Kerb and Shoulder Lanes - Zone 2A	129d	31-Oct-22	08-Mar-23	132d
PS-DP-2A-1042	Summary - Stormwater Works Northbound - Zone 2A	78d	03-Nov-22	19-Jan-23	145d
PS-DP-2A-1048	Summary - Stormwater Works Undertrack - Zone 2A	22d	09-Mar-23	30-Mar-23	126d
PS-DP-2A-1020	Summary - Rail Corridor Works - Dawn to Brake - Zone 2A	132d	09-Mar-23	18-Jul-23	305d
PS-DP-2A-1140	Summary - Road Works - Brake to Kratzmann - Southbound Kerb Lanes - Zone 2A	285d	29-May-23	08-Mar-24	144d
PS-DP-2A-1040	Summary - Stormwater Works Southbound - Zone 2A	21d	01-Jun-23	21-Jun-23	127d
PS-DP-2A-1050	Summary - Stormwater Works Southbound - Zone 2A	22d	01-Jun-23	22-Jun-23	126d
PS-DP-2A-1220	Summary - Stormwater Works Crossing - Zone 2A	101d	01-Jun-23	09-Sep-23	154d
PS-DP-2A-1010	Summary - Road Works - Dawn to Brake - Central Lanes - Zone 2A	36d	19-Jul-23	23-Aug-23	303d
PS-DP-2A-1180	Summary - Road Works - Brake to Kratzmann - Northbound Kerb Lanes - Zone 2A	234d	02-Aug-23	22-Mar-24	140d
PS-DP-2A-1044	Summary - Stormwater Works Northbound - Zone 2A	43d	08-Aug-23	19-Sep-23	144d
PS-DP-2A-1080	Summary - Platform Works MIA - Zone 2A	64d	24-Aug-23	26-Oct-23	354d
PS-DP-2A-1160	Summary - Rail Corridor Works - Brake to Kratzmann - Zone 2A	192d	25-Oct-23	03-May-24	174d
PS-DP-2A-1046	Summary - Stormwater Works Undertrack - Zone 2A	48d	26-Oct-23	12-Dec-23	157d
PS-DP-2A-1120	Summary - Landscaping - Zone 2A	45d	07-May-24	20-Jun-24	358d
Zone 2B		211d	09-May-23	05-Dec-23	556d
PS-DP-2B-1000	Summary - Road Works - Kerb and Southbound Lanes - Zone 2B	43d	09-May-23	20-Jun-23	408d
PS-DP-2B-1040	Summary - Stormwater Works Southbound - Zone 2B	21d	11-May-23	31-May-23	92d
PS-DP-2B-1010	Summary - Road Works - Kerb and Northbound Lanes - Zone 2B	64d	23-May-23	25-Jul-23	388d
PS-DP-2B-1020	Summary - Rail Corridor Works - Zone 2B	116d	03-Jun-23	26-Sep-23	336d
PS-DP-2B-1160	Summary - Stormwater Works Northbound - Zone 2B	0d	09-Jul-23	09-Jul-23	94d
PS-DP-2B-1120	Summary - Landscaping - Zone 2B	21d	27-Sep-23	17-Oct-23	605d
PS-DP-2B-1080	Summary - Platform Works CHA - Zone 2B	70d	27-Sep-23	05-Dec-23	259d
Zone 2C		207d	27-Sep-23	20-Apr-24	419d
PS-DP-2C-1000	Summary - Road Works - Kerb and Southbound Lanes - Zone 2C	164d	27-Sep-23	08-Mar-24	105d
PS-DP-2C-1040	Summary - Stormwater Works Southbound - Zone 2C	8d	28-Sep-23	05-Oct-23	119d
PS-DP-2C-1042	Summary - Stormwater Works Northbound - Zone 2C	30d	19-Oct-23	17-Nov-23	119d
PS-DP-2C-1010	Summary - Road Works - Kerb and Northbound Lanes - Zone 2C	148d	19-Oct-23	14-Mar-24	106d
PS-DP-2C-1020	Summary - Rail Corridor Works - Zone 2C	136d	07-Dec-23	20-Apr-24	95d
PS-DP-2C-1120	Summary - Landscaping - Zone 2C	17d	26-Feb-24	13-Mar-24	457d
Zone 2D		494d	06-Jun-23	11-Oct-24	245d
PS-DP-2D-1000	Summary - Road Works - Kerb and Northbound Lanes - Zone 2D	129d	06-Jun-23	12-Oct-23	0d
PS-DP-2D-1042	Summary - Stormwater Works Northbound - Zone 2D	47d	24-Jul-23	08-Sep-23	1d
PS-DP-2D-1010	Summary - Road Works - Kerb and Southbound Lanes - Zone 2D	152d	13-Oct-23	12-Mar-24	38d
PS-DP-2D-1040	Summary - Stormwater Works Southbound - Zone 2D	96d	30-Oct-23	02-Feb-24	0d
PS-DP-2D-1020	Summary - Rail Corridor Works - Zone 2D	188d	04-Jan-24	09-Jul-24	0d
PS-DP-2D-1120	Summary - Landscaping - Zone 2D	94d	10-Jul-24	11-Oct-24	245d
PS-DP-2D-1080	Summary - Platform Works SAB - Zone 2D	64d	18-Jul-24	19-Sep-24	25d
Zone 2G		419d	09-Mar-23	30-Apr-24	409d
PS-DP-2G-1040	Summary - Stormwater Works Southbound - Zone 2G	49d	09-Mar-23	26-Apr-23	139d
PS-DP-2G-1000	Summary - Road Works - Kerb and Southbound Lanes - Zone 2G	65d	13-Mar-23	16-May-23	136d
PS-DP-2G-1020	Summary - Rail Corridor Works - Zone 2G	213d	07-Jun-23	05-Jan-24	165d
PS-DP-2G-1010	Summary - Road Works - Kerb and Northbound Lanes - Zone 2G	96d	08-Jan-24	12-Apr-24	143d
PS-DP-2G-1042	Summary - Stormwater Works Northbound - Zone 2G	50d	09-Jan-24	27-Feb-24	153d



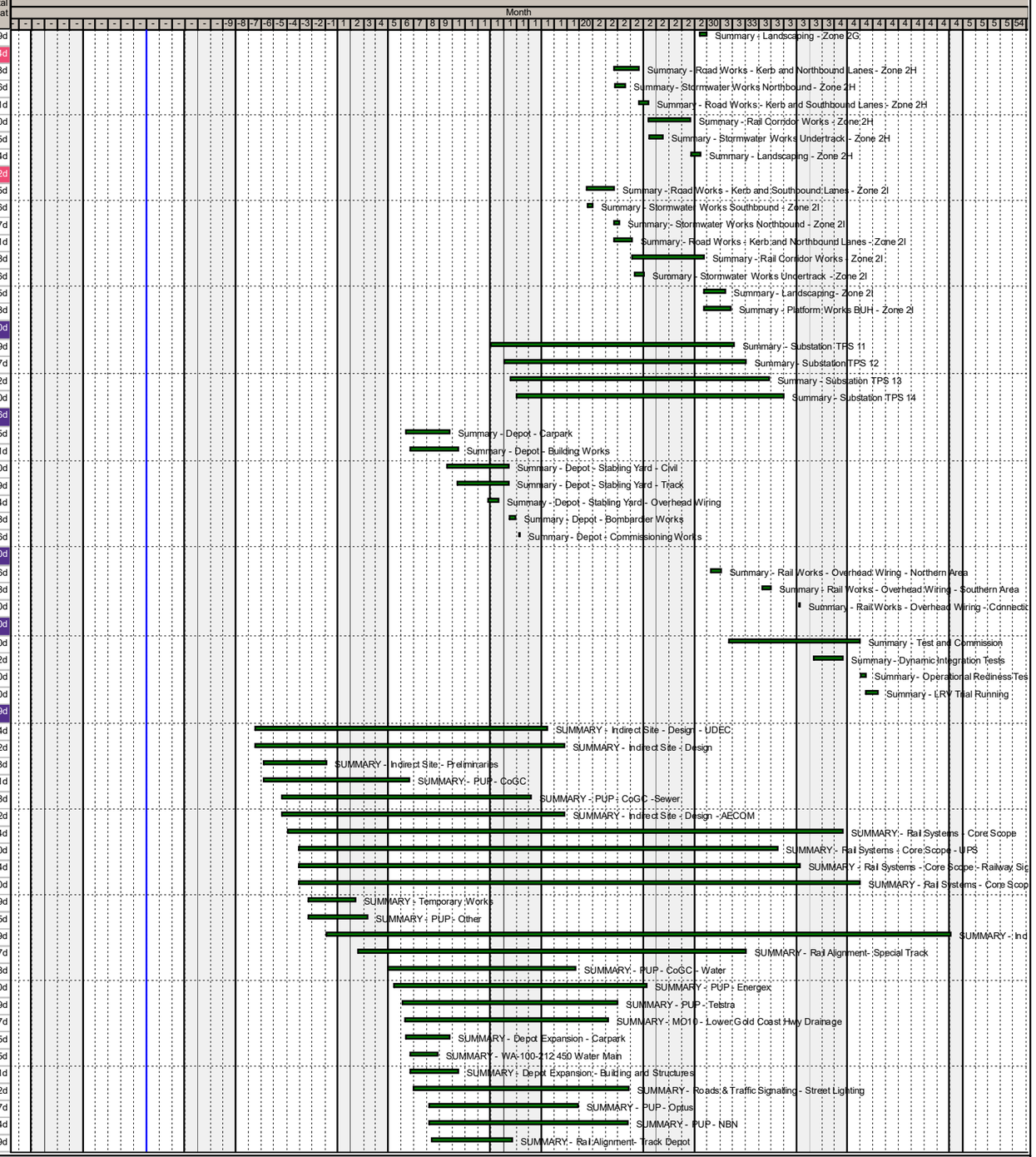
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JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PS-DP-2G-1120	Summary - Landscaping - Zone 2G	18d	13-Apr-24	30-Apr-24	409d
Zone 2H		207d	22-Sep-23	15-Apr-24	424d
PS-DP-2H-1000	Summary - Road Works - Kerb and Northbound Lanes - Zone 2H	60d	22-Sep-23	20-Nov-23	193d
PS-DP-2H-1040	Summary - Stormwater Works Northbound - Zone 2H	25d	23-Sep-23	17-Oct-23	196d
PS-DP-2H-1010	Summary - Road Works - Kerb and Southbound Lanes - Zone 2H	22d	21-Nov-23	12-Dec-23	191d
PS-DP-2H-1020	Summary - Rail Corridor Works - Zone 2H	101d	13-Dec-23	22-Mar-24	160d
PS-DP-2H-1140	Summary - Stormwater Works Undertrack - Zone 2H	34d	14-Dec-23	16-Jan-24	175d
PS-DP-2H-1120	Summary - Landscaping - Zone 2H	24d	23-Mar-24	15-Apr-24	424d
Zone 2I		345d	18-Jul-23	26-Jun-24	352d
PS-DP-2I-1000	Summary - Road Works - Kerb and Southbound Lanes - Zone 2I	66d	18-Jul-23	21-Sep-23	125d
PS-DP-2I-1040	Summary - Stormwater Works Southbound - Zone 2I	14d	20-Jul-23	02-Aug-23	106d
PS-DP-2I-1042	Summary - Stormwater Works Northbound - Zone 2I	13d	22-Sep-23	04-Oct-23	127d
PS-DP-2I-1010	Summary - Road Works - Kerb and Northbound Lanes - Zone 2I	43d	22-Sep-23	03-Nov-23	131d
PS-DP-2I-1020	Summary - Rail Corridor Works - Zone 2I	172d	04-Nov-23	23-Apr-24	98d
PS-DP-2I-1044	Summary - Stormwater Works Undertrack - Zone 2I	23d	09-Nov-23	01-Dec-23	136d
PS-DP-2I-1120	Summary - Landscaping - Zone 2I	51d	24-Apr-24	13-Jun-24	365d
PS-DP-2I-1080	Summary - Platform Works BUH - Zone 2I	64d	24-Apr-24	26-Jun-24	113d
Traction Power Substations		700d	02-Dec-22	31-Oct-24	20d
PS-DP-TP-1000	Summary - Substation TPS 11	581d	02-Dec-22	04-Jul-24	139d
PS-DP-TP-1020	Summary - Substation TPS 12	577d	03-Jan-23	01-Aug-24	107d
PS-DP-TP-1040	Summary - Substation TPS 13	619d	17-Jan-23	26-Sep-24	42d
PS-DP-TP-1060	Summary - Substation TPS 14	640d	31-Jan-23	31-Oct-24	0d
Depot / Stabling Yard		273d	13-May-22	09-Feb-23	266d
PS-DP-4A-1000	Summary - Depot - Carpark	104d	13-May-22	24-Aug-22	435d
PS-DP-4B-1060	Summary - Depot - Building Works	114d	24-May-22	14-Sep-22	411d
PS-DP-4B-1000	Summary - Depot - Stabling Yard - Civil	149d	18-Aug-22	13-Jan-23	290d
PS-DP-4B-1020	Summary - Depot - Stabling Yard - Track	123d	13-Sep-22	13-Jan-23	269d
PS-DP-4B-1040	Summary - Depot - Stabling Yard - Overhead Wiring	26d	25-Nov-22	20-Dec-22	314d
PS-DP-4B-1100	Summary - Depot - Bombardier Works	15d	16-Jan-23	30-Jan-23	273d
PS-DP-4B-1080	Summary - Depot - Commissioning Works	3d	07-Feb-23	09-Feb-23	266d
Rail		214d	09-May-24	08-Dec-24	0d
PS-OH-8000	Summary - Rail Works - Overhead Wiring - Northern Area	27d	09-May-24	04-Jun-24	186d
PS-OH-8020	Summary - Rail Works - Overhead Wiring - Southern Area	22d	09-Sep-24	30-Sep-24	68d
PS-OH-8040	Summary - Rail Works - Overhead Wiring - Connection to Stage 1 (BBS)	2d	07-Dec-24	08-Dec-24	0d
Commissioning		358d	21-Jun-24	13-Jun-25	0d
PS-CM-9000	Summary - Test and Commission	315d	21-Jun-24	01-May-25	0d
PS-CM-9960	Summary - Dynamic Integration Tests	69d	11-Jan-25	20-Mar-25	42d
PS-CM-9980	Summary - Operational Redness Tests (ORT)	14d	02-May-25	15-May-25	0d
PS-CM-9900	Summary - LRV Trial Running	29d	16-May-25	13-Jun-25	0d
Cost Breakdown Structure		1662d	18-May-21	04-Dec-25	119d
PS-R-DG-1040	SUMMARY - Indirect Site - Design - UDEC	697d	18-May-21	14-Apr-23	1084d
PS-R-DG-1000	SUMMARY - Indirect Site - Design	739d	18-May-21	26-May-23	1042d
PS-R-IDS-1000	SUMMARY - Indirect Site - Preliminaries	149d	08-Jun-21	03-Nov-21	128d
PS-R-PUP-1000	SUMMARY - PUP - CoGC	347d	08-Jun-21	20-May-22	31d
PS-R-PUP-1040	SUMMARY - PUP - CoGC -Sewer	596d	20-Jul-21	07-Mar-23	248d
PS-R-DG-1020	SUMMARY - Indirect Site - Design - AECOM	676d	20-Jul-21	26-May-23	1042d
PS-R-RSC-1000	SUMMARY - Rail Systems - Core Scope	1327d	03-Aug-21	21-Mar-25	84d
PS-R-RSC-1120	SUMMARY - Rail Systems - Core Scope - UPS	1145d	30-Aug-21	17-Oct-24	0d
PS-R-RSC-1140	SUMMARY - Rail Systems - Core Scope - Railway Signalling	1198d	30-Aug-21	09-Dec-24	4d
PS-R-RSC-1160	SUMMARY - Rail Systems - Core Scope - ITF + DRC	1341d	30-Aug-21	01-May-25	0d
PS-R-TW-1000	SUMMARY - Temporary Works	114d	21-Sep-21	12-Jan-22	19d
PS-R-PUP-1180	SUMMARY - PUP - Other	143d	21-Sep-21	10-Feb-22	5d
PS-R-IND-1020	SUMMARY - Indirect Site - Project Management	1492d	04-Nov-21	04-Dec-25	119d
PS-R-RAL-1020	SUMMARY - Rail Alignment- Special Track	927d	19-Jan-22	02-Aug-24	127d
PS-R-PUP-1020	SUMMARY - PUP - CoGC - Water	449d	31-Mar-22	22-Jun-23	118d
PS-R-PUP-1060	SUMMARY - PUP - Energex	603d	15-Apr-22	08-Dec-23	270d
PS-R-PUP-1080	SUMMARY - PUP - Telstra	514d	04-May-22	29-Sep-23	249d
PS-R-MO10-1000	SUMMARY - MO10 - Lower Gold Coast Hwy Drainage	486d	10-May-22	07-Sep-23	467d
PS-R-DE-1040	SUMMARY - Depot Expansion - Carpark	104d	13-May-22	24-Aug-22	435d
PS-R-450-1000	SUMMARY - WA-100-212 450 Water Main	65d	24-May-22	27-Jul-22	5d
PS-R-DE-1020	SUMMARY - Depot Expansion - Building and Structures	114d	24-May-22	14-Sep-22	411d
PS-R-RTS-1140	SUMMARY - Roads & Traffic Signalling - Street Lighting	514d	31-May-22	26-Oct-23	252d
PS-R-PUP-1120	SUMMARY - PUP - Optus	356d	07-Jul-22	27-Jun-23	157d
PS-R-PUP-1160	SUMMARY - PUP - NBN	474d	08-Jul-22	24-Oct-23	224d
PS-R-RAL-1060	SUMMARY - Rail Alignment- Track Depot	191d	14-Jul-22	20-Jan-23	269d



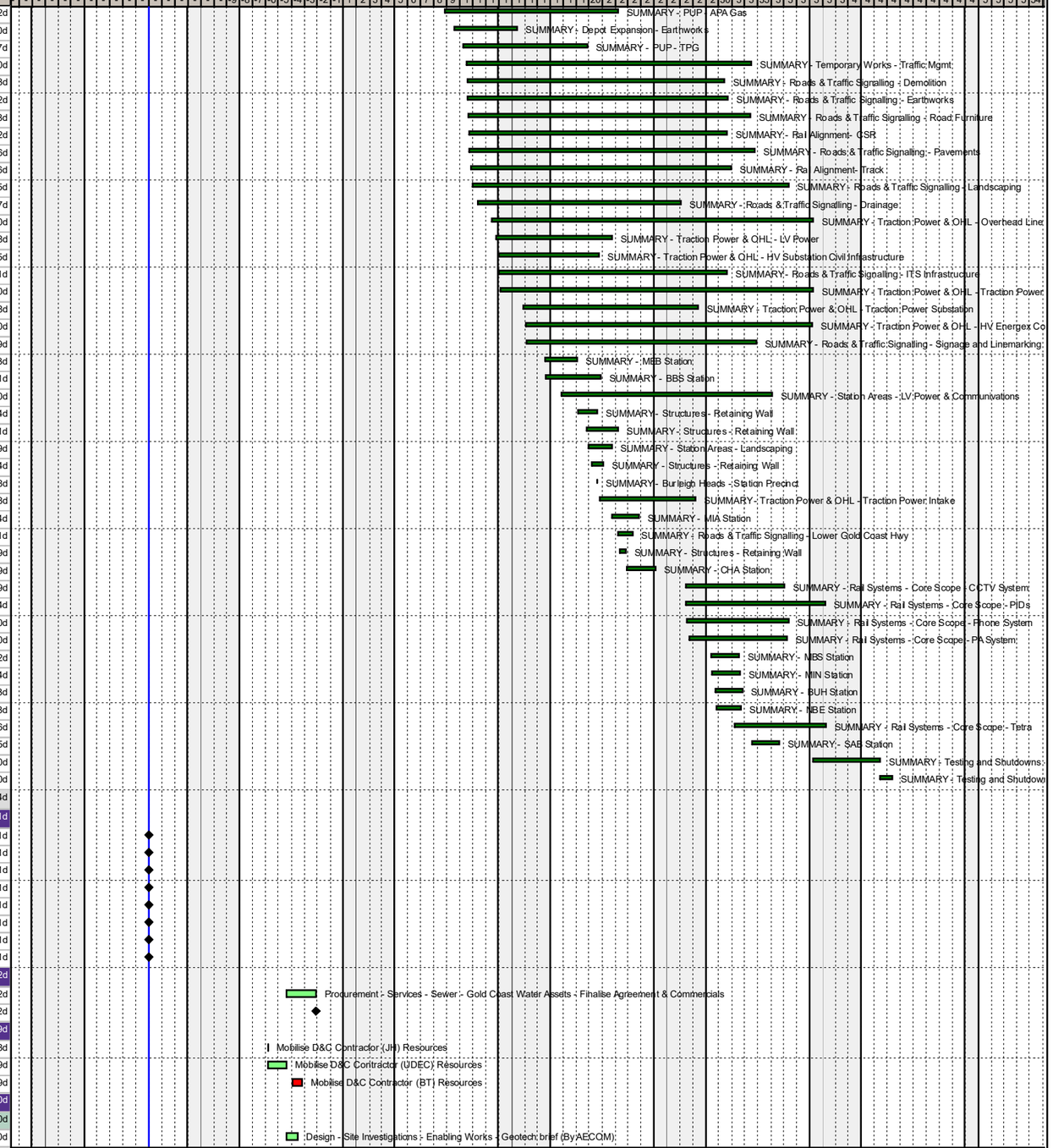
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PS-R-PUP-1100	SUMMARY - PUP - APA Gas	409d	27-Jul-22	08-Sep-23	132d
PS-R-DE-1000	SUMMARY - Depot Expansion - Earthworks	149d	18-Aug-22	13-Jan-23	290d
PS-R-PUP-1140	SUMMARY - PUP - TPG	293d	08-Sep-22	27-Jun-23	157d
PS-R-RSC-1180	SUMMARY - Temporary Works - Traffic Mgmt	670d	17-Sep-22	17-Jul-24	0d
PS-R-RTS-1000	SUMMARY - Roads & Traffic Signalling - Demolition	604d	19-Sep-22	14-May-24	93d
PS-R-RTS-1020	SUMMARY - Roads & Traffic Signalling - Earthworks	612d	19-Sep-22	22-May-24	92d
PS-R-RTS-1080	SUMMARY - Roads & Traffic Signalling - Road Furniture	664d	21-Sep-22	15-Jul-24	318d
PS-R-RAL-1040	SUMMARY - Rail Alignment- CSR	607d	22-Sep-22	20-May-24	92d
PS-R-RTS-1040	SUMMARY - Roads & Traffic Signalling - Pavements	671d	23-Sep-22	24-Jul-24	316d
PS-R-RAL-1000	SUMMARY - Rail Alignment- Track	613d	27-Sep-22	31-May-24	96d
PS-R-RTS-1100	SUMMARY - Roads & Traffic Signalling - Landscaping	743d	30-Sep-22	11-Oct-24	245d
PS-R-RTS-1120	SUMMARY - Roads & Traffic Signalling - Drainage	478d	13-Oct-22	02-Feb-24	187d
PS-R-TP-1120	SUMMARY - Traction Power & OHL - Overhead Line System	756d	14-Nov-22	08-Dec-24	0d
PS-R-TP-1000	SUMMARY - Traction Power & OHL - LV Power	272d	25-Nov-22	23-Aug-23	108d
PS-R-TP-1040	SUMMARY- Traction Power & OHL - HV Substation Civil Infrastructure	236d	02-Dec-22	25-Jul-23	85d
PS-R-RTS-1160	SUMMARY - Roads & Traffic Signalling - ITS Infrastructure	536d	02-Dec-22	20-May-24	151d
PS-R-TP-1100	SUMMARY - Traction Power & OHL - Traction Power Cabling	734d	06-Dec-22	08-Dec-24	0d
PS-R-TP-1080	SUMMARY - Traction Power & OHL - Traction Power Substation	412d	27-Jan-23	13-Mar-24	128d
PS-R-TP-1020	SUMMARY - Traction Power & OHL - HV Energex Connections TPS	673d	03-Feb-23	06-Dec-24	0d
PS-R-RTS-1180	SUMMARY - Roads & Traffic Signalling - Signage and Linemarking	542d	04-Feb-23	29-Jul-24	319d
PS-R-ST-1020	SUMMARY - MEB Station	75d	20-Mar-23	02-Jun-23	483d
PS-R-ST-1000	SUMMARY - BBS Station	129d	22-Mar-23	28-Jul-23	661d
PS-R-ST-1200	SUMMARY - Station Areas - LV Power & Communivations	497d	27-Apr-23	04-Sep-24	0d
PS-R-STR-1020	SUMMARY - Structures - Retaining Wall	44d	06-Jun-23	19-Jul-23	124d
PS-R-STR-1060	SUMMARY - Structures - Retaining Wall	75d	26-Jun-23	08-Sep-23	1d
PS-R-ST-1180	SUMMARY - Station Areas - Landscaping	56d	30-Jun-23	24-Aug-23	659d
PS-R-STR-1000	SUMMARY - Structures - Retaining Wall	27d	08-Jul-23	03-Aug-23	154d
PS-R-BUH-1000	SUMMARY - Burleigh Heads - Station Precinct	0d	20-Jul-23	20-Jul-23	988d
PS-R-TP-1060	SUMMARY - Traction Power & OHL - Traction Power Intake	225d	27-Jul-23	07-Mar-24	238d
PS-R-ST-1100	SUMMARY - MIA Station	64d	24-Aug-23	26-Oct-23	354d
PS-R-RTS-1060	SUMMARY - Roads & Traffic Signalling - Lower Gold Coast Hwy	35d	08-Sep-23	12-Oct-23	481d
PS-R-STR-1040	SUMMARY - Structures - Retaining Wall	14d	12-Sep-23	25-Sep-23	469d
PS-R-ST-1120	SUMMARY - CHA Station	70d	27-Sep-23	05-Dec-23	259d
PS-R-RSC-1080	SUMMARY - Rail Systems - Core Scope - CCTV System	232d	14-Feb-24	02-Oct-24	9d
PS-R-RSC-1040	SUMMARY - Rail Systems - Core Scope - PIDs	328d	14-Feb-24	06-Jan-25	4d
PS-R-RSC-1100	SUMMARY - Rail Systems - Core Scope - Phone System	239d	16-Feb-24	11-Oct-24	0d
PS-R-RSC-1060	SUMMARY - Rail Systems - Core Scope - PA System	230d	22-Feb-24	08-Oct-24	0d
PS-R-ST-1040	SUMMARY - MBS Station	66d	13-Apr-24	17-Jun-24	102d
PS-R-ST-1080	SUMMARY - MIN Station	65d	16-Apr-24	19-Jun-24	134d
PS-R-ST-1160	SUMMARY - BUH Station	64d	24-Apr-24	26-Jun-24	113d
PS-R-ST-1060	SUMMARY - NBE Station	58d	26-Apr-24	22-Jun-24	128d
PS-R-RSC-1020	SUMMARY - Rail Systems - Core Scope - Tetra	215d	07-Jun-24	07-Jan-25	56d
PS-R-ST-1140	SUMMARY - SAB Station	64d	18-Jul-24	19-Sep-24	25d
PS-R-TS-1000	SUMMARY - Testing and Shutdowns - Energisations	158d	09-Dec-24	15-May-25	0d
PS-R-TS-1020	SUMMARY - Testing and Shutdowns - Pre-Revenue Ops	29d	16-May-25	13-Jun-25	0d
ENABLING WORKS		344d	31-Aug-20	11-Feb-22	134d
GoldlinQ / State Approvals		0d	31-Aug-20	31-Aug-20	391d
PP-TMR-AP-1000	Approvals (DTMR) - Native Title Act - In Progress - Prior to Construction Start	0d		31-Aug-20	391d
PP-TMR-AP-1020	Approvals (DTMR) - Environmental Protection & Biodiversity - Obtained - Prior to Construction Start	0d		31-Aug-20	391d
PP-TMR-AP-1040	Approvals (DTMR) - Aboriginal Cultural Heritage - In Progress - Prior to Construction Start	0d		31-Aug-20	391d
PP-TMR-AP-1060	Approvals (DTMR) - Acquisition of Land - In Progress - Prior to Construction Start	0d		31-Aug-20	391d
GE-DC-OF-1000	GET Handover - Approvals - Receive Native Title Act - In Progress - Prior to Const Start - FROM OF to D&C	0d		31-Aug-20	391d
GE-DC-OF-1020	GET Handover - Approvals - Environmental Protect & Biodiversity - Obtained - Prior to Const Start- FROM OF	0d		31-Aug-20	391d
GE-DC-OF-1040	GET Handover - Approvals - Receive Aboriginal Cultural Heritage - In Progress - Prior to Const Start - FROM C	0d		31-Aug-20	391d
GE-DC-OF-1060	GET Handover - Approvals - Receive Acquisition of Land - In Progress - Prior to Construction Start - FROM OF	0d		31-Aug-20	391d
Procurement - Services Contract Agreement (CoGC)		50d	20-Jul-21	28-Sep-21	152d
PR-SV-SW-1000	Procurement - Services - Sewer - Gold Coast Water Assets - Finalise Agreement & Commercials	50d	20-Jul-21	28-Sep-21	152d
PR-SV-SW-1020	Procurement - Services - Sewer - Gold Coast Water Assets - Sign Agreement & Commercials	0d		28-Sep-21	152d
Mobilisation of Key Resources		58d	08-Jun-21	26-Aug-21	169d
DG-MO-3000	Mobilise D&C Contractor (JH) Resources	0d	08-Jun-21	08-Jun-21	8d
DG-MO-3020	Mobilise D&C Contractor (UDEC) Resources	30d	08-Jun-21	19-Jul-21	19d
DG-MO-3040	Mobilise D&C Contractor (BT) Resources	18d	03-Aug-21	26-Aug-21	169d
Site Investigations - AECOM		135d	20-Jul-21	11-Feb-22	90d
Geotech Site Investigation		135d	20-Jul-21	11-Feb-22	90d
DG-SI-9670	Design - Site Investigations - Enabling Works - Geotech brief (By AECOM)	20d	20-Jul-21	16-Aug-21	90d



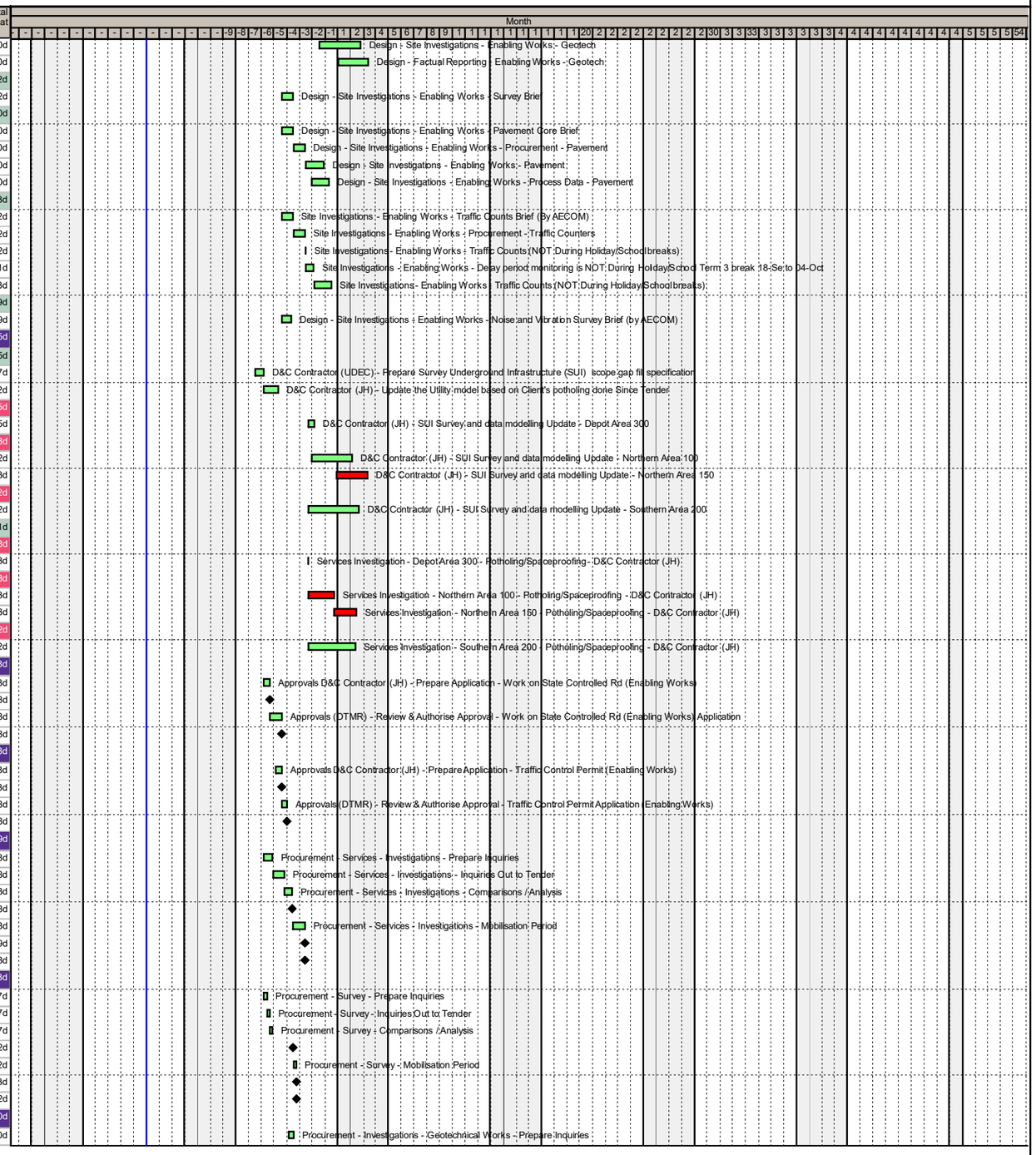
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-SI-9690	Design - Site Investigations - Enabling Works - Geotech	60d	18-Oct-21	24-Jan-22	90d
DG-SI-9700	Design - Factual Reporting - Enabling Works - Geotech	40d	02-Dec-21	11-Feb-22	90d
Survey Brief		20d	20-Jul-21	16-Aug-21	22d
DG-SI-9720	Design - Site Investigations - Enabling Works - Survey Brief	20d	20-Jul-21	16-Aug-21	22d
Pavement Site Investigation		80d	20-Jul-21	10-Nov-21	110d
DG-SI-9830	Design - Site Investigations - Enabling Works - Pavement Core Brief	20d	20-Jul-21	16-Aug-21	110d
DG-SI-9840	Design - Site Investigations - Enabling Works - Procurement - Pavement	20d	17-Aug-21	14-Sep-21	110d
DG-SI-9850	Design - Site Investigations - Enabling Works - Pavement	30d	15-Sep-21	27-Oct-21	110d
DG-SI-9860	Design - Site Investigations - Enabling Works - Process Data - Pavement	30d	29-Sep-21	10-Nov-21	110d
Traffic Counts		83d	20-Jul-21	15-Nov-21	103d
DG-SI-9880	Site Investigations - Enabling Works - Traffic Counts Brief (By AECOM)	20d	20-Jul-21	16-Aug-21	102d
DG-SI-9890	Site Investigations - Enabling Works - Procurement - Traffic Counters	20d	17-Aug-21	14-Sep-21	102d
DG-SI-9900	Site Investigations - Enabling Works - Traffic Counts (NOT During Holiday/School breaks)	0d	15-Sep-21	15-Sep-21	102d
DG-SI-9930	Site Investigations - Enabling Works - Delay period monitoring is NOT During Holiday/School Term 3 break 18-S	20d	15-Sep-21	04-Oct-21	161d
DG-SI-9950	Site Investigations - Enabling Works - Traffic Counts (NOT During Holiday/School breaks)	30d	05-Oct-21	15-Nov-21	103d
Noise and Vib Monitoring		17d	20-Jul-21	11-Aug-21	149d
DG-SI-NV-9780	Design - Site Investigations - Enabling Works - Noise and Vibration Survey Brief (by AECOM)	17d	20-Jul-21	11-Aug-21	149d
Services - Investigation, Modelling (JH) and Preliminary Design (UDEC)		179d	18-May-21	10-Feb-22	135d
Services - Preliminary Design + Modelling		179d	18-May-21	10-Feb-22	135d
DG-UDEC-1020	D&C Contractor (UDEC) - Prepare Survey Underground Infrastructure (SUI) scope gap fill specification	15d	18-May-21	07-Jun-21	57d
DG-SV-1020	D&C Contractor (JH) - Update the Utility model based on Client's potholing done Since Tender	25d	08-Jun-21	12-Jul-21	62d
Services - Preliminary Design + Modelling - Depot Area (300)		10d	21-Sep-21	05-Oct-21	215d
DG-300-SV-1200	D&C Contractor (JH) - SUI Survey and data modelling Update - Depot Area 300	10d	21-Sep-21	05-Oct-21	215d
Services - Preliminary Design + Modelling - Northern Area (100 & 150)		84d	29-Sep-21	10-Feb-22	3d
DG-100-SV-1120	D&C Contractor (JH) - SUI Survey and data modelling Update - Northern Area 100	58d	29-Sep-21	04-Jan-22	12d
DG-150-SV-1120	D&C Contractor (JH) - SUI Survey and data modelling Update - Northern Area 150	42d	29-Nov-21	10-Feb-22	3d
Services - Preliminary Design + Modelling - Southern Area (200)		75d	22-Sep-21	20-Jan-22	12d
DG-200-SV-1160	D&C Contractor (JH) - SUI Survey and data modelling Update - Southern Area 200	75d	22-Sep-21	20-Jan-22	12d
Services - Investigation -		71d	21-Sep-21	13-Jan-22	11d
Service Investigations - Depot Area (300)		1d	21-Sep-21	21-Sep-21	3d
DG-300-SV-3080	Services Investigation - Depot Area 300 - Potholing/Spaceproofing - D&C Contractor (JH)	1d	21-Sep-21	21-Sep-21	3d
Service Investigations - Northern Area (100 & 150)		70d	22-Sep-21	13-Jan-22	3d
DG-100-SV-3000	Services Investigation - Northern Area 100 - Potholing/Spaceproofing - D&C Contractor (JH)	43d	22-Sep-21	22-Nov-21	3d
DG-150-SV-3000	Services Investigation - Northern Area 150 - Potholing/Spaceproofing - D&C Contractor (JH)	27d	23-Nov-21	13-Jan-22	3d
Service Investigations - Southern Area (200)		70d	21-Sep-21	12-Jan-22	12d
DG-200-SV-3040	Services Investigation - Southern Area 200 - Potholing/Spaceproofing - D&C Contractor (JH)	70d	21-Sep-21	12-Jan-22	12d
DTMR Road Corridor Permit		30d	08-Jun-21	19-Jul-21	48d
PP-CO-AP-8060	Approvals D&C Contractor (JH) - Prepare Application - Work on State Controlled Rd (Enabling Works)	10d	08-Jun-21	21-Jun-21	38d
GI-DC-OF-8060	GIVE Handover - Approvals D&C (JH) - Submit Application - Work on State Controlled Rd (Enabling Works) - F	0d		21-Jun-21	38d
PP-CO-AP-8100	Approvals (DTMR) - Review & Authorise Approval - Work on State Controlled Rd (Enabling Works) Application	20d	22-Jun-21	19-Jul-21	38d
GE-DC-OF-8100	GET Handover - Approvals - Receive Approval - Work on State Controlled Rd (Enabling Works) - FROM OF to	0d		19-Jul-21	48d
DTMR Traffic Control Permit		20d	06-Jul-21	02-Aug-21	38d
PP-CO-AP-8120	Approvals D&C Contractor (JH) - Prepare Application - Traffic Control Permit (Enabling Works)	10d	06-Jul-21	19-Jul-21	38d
GI-DC-OF-8120	GIVE Handover - Approvals D&C (JH) - Submit Application - Traffic Control Permit (Enabling Works) - FROM D	0d		19-Jul-21	38d
PP-CO-AP-8160	Approvals (DTMR) - Review & Authorise Approval - Traffic Control Permit Application (Enabling Works)	10d	20-Jul-21	02-Aug-21	38d
GE-DC-OF-8160	GET Handover - Approvals - Receive Authorised - Traffic Control Permit (Enabling Works) FROM OF to D&C	0d		02-Aug-21	38d
Procurement - Subcontract - Services Investigations		69d	08-Jun-21	14-Sep-21	9d
PR-SV-IS-1000	Procurement - Services - Investigations - Prepare Inquiries	15d	08-Jun-21	28-Jun-21	8d
PR-SV-IS-1020	Procurement - Services - Investigations - Inquiries Out to Tender	20d	29-Jun-21	26-Jul-21	8d
PR-SV-IS-1040	Procurement - Services - Investigations - Comparisons / Analysis	14d	27-Jul-21	13-Aug-21	8d
PR-SV-IS-1060	Procurement - Services - Investigations - Award Subcontract	0d		13-Aug-21	8d
PR-SV-IS-1080	Procurement - Services - Investigations - Mobilisation Period	20d	16-Aug-21	13-Sep-21	8d
PR-SV-IS-1100	Procurement - Services - Investigations - Commence On-Site Works - Main Alignment	0d	14-Sep-21		9d
PR-SV-IS-1120	Procurement - Services - Investigations - Commence On-Site Works - Depot Area 300	0d	14-Sep-21		8d
Procurement - Subcontract - Survey		55d	08-Jun-21	24-Aug-21	23d
PR-SC-1000	Procurement - Survey - Prepare Inquiries	5d	08-Jun-21	14-Jun-21	57d
PR-SC-1020	Procurement - Survey - Inquiries Out to Tender	5d	15-Jun-21	21-Jun-21	57d
PR-SC-1040	Procurement - Survey - Comparisons / Analysis	5d	22-Jun-21	28-Jun-21	57d
PR-SC-1060	Procurement - Survey - Award Subcontract	0d		16-Aug-21	22d
PR-SC-1080	Procurement - Survey - Mobilisation Period	5d	17-Aug-21	23-Aug-21	22d
PR-SC-1100	Procurement - Survey - Commence On-Site Works - Main Alignment	0d	24-Aug-21		23d
PR-SC-1120	Procurement - Survey - Commence On-Site Works - Depot Area 300	0d	24-Aug-21		22d
Procurement - Subcontract - Geotechnical Works Investigations		50d	05-Aug-21	18-Oct-21	90d
PR-GW-1000	Procurement - Investigations - Geotechnical Works - Prepare Inquiries	10d	05-Aug-21	18-Aug-21	90d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PR-GW-01010	Procurement - Investigations - Geotechnical Works - Inquiries Out to Tender	10d	19-Aug-21	02-Sep-21	90d
PR-GW-01020	Procurement - Investigations - Geotechnical Works - Comparisons / Analysis	10d	03-Sep-21	16-Sep-21	90d
PR-GW-01030	Procurement - Investigations - Geotechnical Works - Award Subcontract	0d		16-Sep-21	90d
PR-GW-01040	Procurement - Investigations - Geotechnical Works - Mobilisation Period	20d	17-Sep-21	15-Oct-21	90d
PR-GW-01050	Procurement - Investigations - Geotechnical Works - Commence On-Site Works	0d	18-Oct-21		90d
PRELIMINARIES		570d	08-Jun-21	04-Oct-23	487d
Project Approvals		570d	08-Jun-21	04-Oct-23	97d
Contractor Approvals		570d	08-Jun-21	04-Oct-23	97d
Environmental Protection Act 1994 (EP Act)		500d	08-Jun-21	26-Jun-23	138d
Management Plan		74d	08-Jun-21	20-Sep-21	336d
PP-CO-AP-2000	Approvals D&C Contractor (JH) - Prepare and Submit Applicati- D&C Environmental Management Plan (Refer M	20d	08-Jun-21	05-Jul-21	27d
PP-CO-AP-2020	Approvals () - Review & Authorise Approval - D&C Environmental Management Plan	54d	06-Jul-21	20-Sep-21	3d
PP-CO-AP-2040	Approvals D&C Contractor (JH) - Receive Authorised Approval - D&C Environmental Management Plan	0d		20-Sep-21	336d
Site Management Plans		126d	24-Nov-21	09-Jun-22	393d
PP-CO-AP-2260	Approvals D&C Contractor (JH) - Prepare - Site Management Plan	56d	24-Nov-21	25-Feb-22	393d
GI-DC-OF-2260	GIVE Handover - Approvals D&C Contractor (JH) - Submit - Site Management Plan - FROM D&C to OF	0d		25-Feb-22	393d
PP-CO-AP-2280	Approvals (DEHP) - Review & Authorise - Site Management Plan (12 wks)	60d	28-Feb-22	26-May-22	393d
PP-CO-AP-2300	Approvals D&C Contractor (JH) - Condition Compliance - Site Management Plan	10d	27-May-22	09-Jun-22	393d
GE-DC-OF-2320	GET Handover - Approvals - Receive Authorised - Site Management Plan - FROM OF to D&C	0d		09-Jun-22	393d
Contaminated Soil Disposal Permits		45d	21-Apr-23	26-Jun-23	78d
PP-CO-AP-2200	Approvals D&C Contractor (JH) - Prepare Application - Disposal Permit	30d	21-Apr-23	05-Jun-23	78d
GI-DC-OF-2200	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Disposal Permit - FROM D&C to OF	0d		05-Jun-23	78d
PP-CO-AP-2220	Approvals (DEHP) - Review & Authorise - Disposal Permit	10d	06-Jun-23	19-Jun-23	78d
PP-CO-AP-2240	Approvals D&C Contractor (JH) - Condition Compliance - Disposal Permit	5d	20-Jun-23	26-Jun-23	78d
GE-DC-OF-2240	GET Handover - Approvals - Receive Authorised - Disposal Permit - FROM OF to D&C	0d		26-Jun-23	78d
Aboriginal Cultural Heritage Act 2003		0d	07-Feb-23	07-Feb-23	29d
PP-CO-AP-3000	D&C Contractor (JH) - Commence Compliance with Cultural Heritage Management Agreements	0d	07-Feb-23		29d
Waste Reduction and Recycling Act 2011		77d	13-Oct-22	13-Feb-23	29d
PP-CO-AP-4000	Approvals D&C Contractor (JH) - Prepare Application - Waste Levy Exemption	30d	13-Oct-22	23-Nov-22	29d
GI-DC-OF-4000	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Waste Levy Exemption - FROM D&C to	0d		23-Nov-22	29d
PP-CO-AP-4020	Approvals () - Review & Authorise Approval - Waste Levy Exemption	42d	24-Nov-22	06-Feb-23	29d
PP-CO-AP-4040	Approvals D&C Contractor (JH) - Condition Compliance - Waste Levy Exemption	5d	07-Feb-23	13-Feb-23	29d
GE-DC-OF-4060	GET Handover - Approvals - Receive Authorised - Waste Levy Exemption - FROM OF to D&C	0d		13-Feb-23	29d
Transport Infrastructure Act 1994		416d	28-Jan-22	04-Oct-23	97d
DTMR Road Corridor Permit		57d	28-Jan-22	20-Apr-22	174d
PP-CO-AP-5000	Approvals D&C Contractor (JH) - Prepare Application - To Work on State Controlled Rd	10d	28-Jan-22	10-Feb-22	174d
GI-DC-OF-5000	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - To Work on State Controlled Rd - FRO	0d		10-Feb-22	174d
PP-CO-AP-5020	Approvals (DTMR) - Review & Authorise Approval - To Work on State Controlled Rd	42d	11-Feb-22	11-Apr-22	174d
PP-CO-AP-5040	Approvals D&C Contractor (JH) - Condition Compliance - To Work on State Controlled Rd	5d	12-Apr-22	20-Apr-22	174d
GE-DC-OF-5040	GET Handover - Approvals - Receive Authorised Approval - To Work on State Controlled Rd - FROM OF to D&	0d		20-Apr-22	174d
DTMR Traffic Control Permit		25d	30-Aug-23	04-Oct-23	97d
PP-CO-AP-5100	Approvals D&C Contractor (JH) - Prepare Application - Traffic Control Permit	10d	30-Aug-23	12-Sep-23	97d
GI-DC-OF-5100	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Traffic Control Permit - FROM D&C to	0d		12-Sep-23	97d
PP-CO-AP-5120	Approvals (DTMR) - Review & Authorise Approval - Traffic Control Permit	10d	13-Sep-23	26-Sep-23	97d
PP-CO-AP-5140	Approvals D&C Contractor (JH) - Condition Compliance - Traffic Control Permit	5d	27-Sep-23	04-Oct-23	97d
GE-DC-OF-5140	GET Handover - Approvals - Receive Authorised - Traffic Control Permit - FROM OF to D&C	0d		04-Oct-23	97d
DTMR Noise and Vibration Compliance Management Plan		90d	16-Jun-22	21-Oct-22	133d
PP-CO-AP-NV-5200	Approvals D&C Contractor (JH) - Prepare - Noise and Vibration Compliance Management Plan	40d	16-Jun-22	10-Aug-22	133d
GI-DC-OF-5200	GIVE Handover - Approvals D&C Contractor (JH) - Submit - Noise and Vibration Compliance Management Plar	0d		10-Aug-22	133d
PP-CO-AP-NV-5220	Approvals (DTMR) - Review & Authorise Approval - Noise and Vibration Compliance Management Plan	40d	11-Aug-22	07-Oct-22	133d
PP-CO-AP-5240	Approvals D&C Contractor (JH) - Condition Compliance - Noise and Vibration Compliance Management Plan	10d	10-Oct-22	21-Oct-22	133d
GE-DC-OF-5240	GET Handover - Approvals - Receive Authorised - Noise and Vibration Compliance Management Plan - FROM	0d		21-Oct-22	133d
Local Government Act 2009		235d	13-Oct-21	29-Sep-22	86d
CoGC Road Excavation Work Permit		45d	28-Jul-22	29-Sep-22	71d
PP-CO-AP-6000	Approvals D&C Contractor (JH) - Prepare Application - Road Excavation Work Permit	10d	28-Jul-22	10-Aug-22	71d
GI-DC-OF-6000	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Road Excavation Work Permit - FROM	0d		10-Aug-22	71d
PP-CO-AP-6020	Approvals (CoGC) - Review & Authorise Approval - Road Excavation Work Permit	25d	11-Aug-22	15-Sep-22	71d
PP-CO-AP-6040	Approvals D&C Contractor (JH) - Condition Compliance - Road Excavation Work Permit	10d	16-Sep-22	29-Sep-22	71d
GE-DC-OF-6040	GET Handover - Approvals - Receive Authorised - Road Excavation Work Permit - FROM OF to D&C	0d		29-Sep-22	71d
CoGC Road Closure Permit		50d	21-Jul-22	29-Sep-22	71d
PP-CO-AP-6100	Approvals D&C Contractor (JH) - Prepare Application - Road Closure Permit	10d	21-Jul-22	03-Aug-22	71d
GI-DC-OF-6100	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Road Closure Permit - FROM D&C to	0d		03-Aug-22	71d
PP-CO-AP-6120	Approvals (CoGC) - Review & Authorise Approval - Road Closure Permit	30d	04-Aug-22	15-Sep-22	71d
PP-CO-AP-6140	Approvals D&C Contractor (JH) - Condition Compliance - Road Closure Permit	10d	16-Sep-22	29-Sep-22	71d
GE-DC-OF-6140	GET Handover - Approvals - Receive Authorised - Road Closure Permit - FROM OF to D&C	0d		29-Sep-22	71d



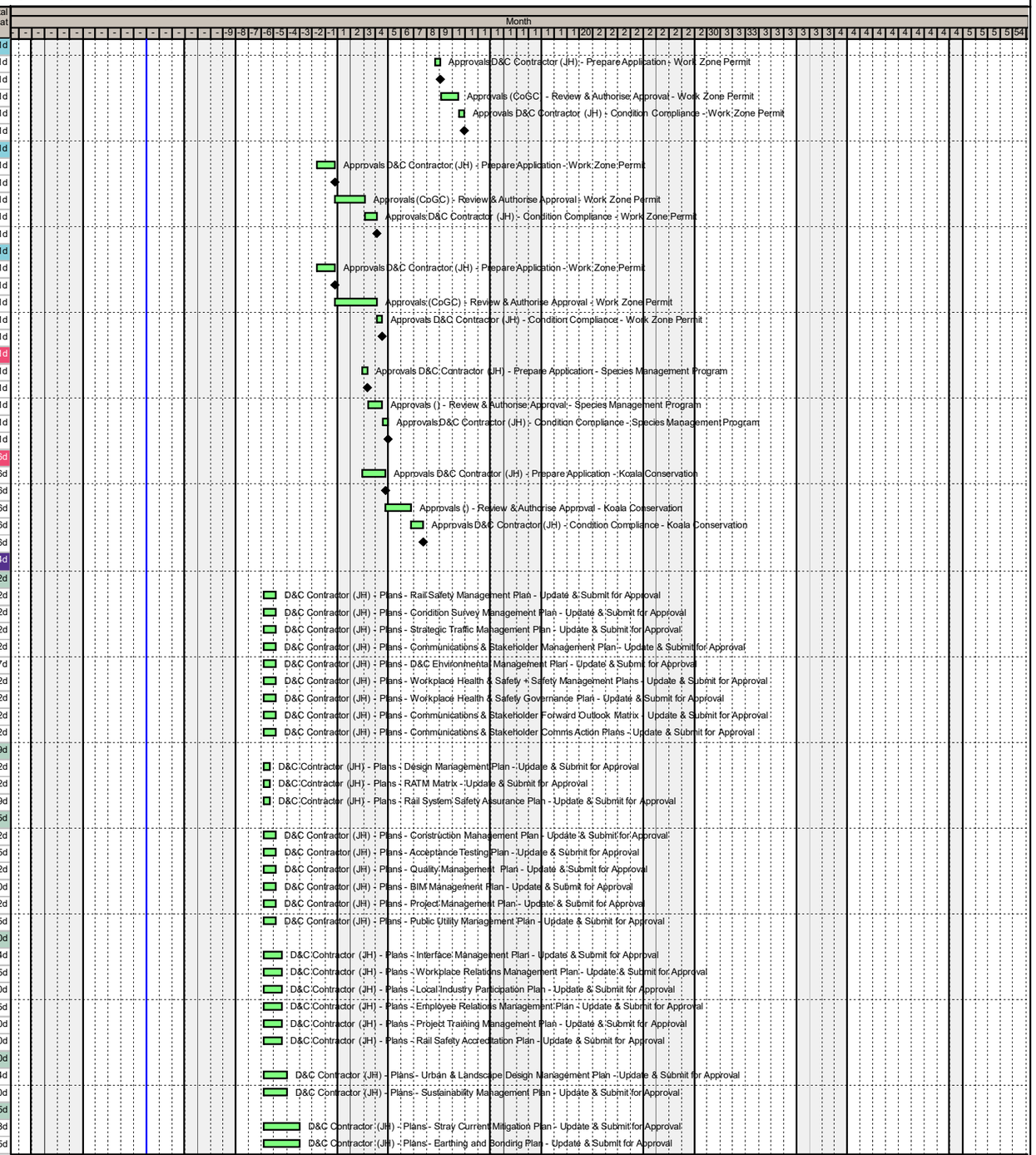
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CoGC Work Zone Permit		50d	21-Jul-22	29-Sep-22	71d
PP-CO-AP-6200	Approvals D&C Contractor (JH) - Prepare Application - Work Zone Permit	10d	21-Jul-22	03-Aug-22	71d
GI-DC-OF-6200	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Work Zone Permit - FROM D&C to OF	0d		03-Aug-22	71d
PP-CO-AP-6220	Approvals (CoGC) - Review & Authorise Approval - Work Zone Permit	30d	04-Aug-22	15-Sep-22	71d
PP-CO-AP-6240	Approvals D&C Contractor (JH) - Condition Compliance - Work Zone Permit	10d	16-Sep-22	29-Sep-22	71d
GE-DC-OF-6240	GET Handover - Approvals - Receive Authorised - Work Zone Permit - FROM OF to D&C	0d		29-Sep-22	71d
CoGC Park Access Permit		90d	13-Oct-21	03-Mar-22	231d
PP-CO-AP-6300	Approvals D&C Contractor (JH) - Prepare Application - Work Zone Permit	30d	13-Oct-21	23-Nov-21	231d
GI-DC-OF-6300	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Work Zone Permit - FROM D&C to OF	0d		23-Nov-21	231d
PP-CO-AP-6320	Approvals (CoGC) - Review & Authorise Approval - Work Zone Permit	40d	24-Nov-21	03-Feb-22	231d
PP-CO-AP-6340	Approvals D&C Contractor (JH) - Condition Compliance - Work Zone Permit	20d	04-Feb-22	03-Mar-22	231d
GE-DC-OF-6340	GET Handover - Approvals - Receive Authorised - Work Zone Permit - FROM OF to D&C	0d		03-Mar-22	231d
CoGC Vegetation Clearing Permit		100d	13-Oct-21	17-Mar-22	221d
PP-CO-AP-6400	Approvals D&C Contractor (JH) - Prepare Application - Work Zone Permit	30d	13-Oct-21	23-Nov-21	221d
GI-DC-OF-6400	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Work Zone Permit - FROM D&C to OF	0d		23-Nov-21	221d
PP-CO-AP-6420	Approvals (CoGC) - Review & Authorise Approval - Work Zone Permit	60d	24-Nov-21	03-Mar-22	221d
PP-CO-AP-6440	Approvals D&C Contractor (JH) - Condition Compliance - Work Zone Permit	10d	04-Mar-22	17-Mar-22	221d
GE-DC-OF-6440	GET Handover - Approvals - Receive Authorised - Work Zone Permit - FROM OF to D&C	0d		17-Mar-22	221d
Nature Conservation (Wildlife Management) Regulation 2006		45d	28-Jan-22	31-Mar-22	211d
PP-CO-AP-7000	Approvals D&C Contractor (JH) - Prepare Application - Species Management Program	10d	28-Jan-22	10-Feb-22	211d
GI-DC-OF-7000	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Species Management Program - FROM	0d		10-Feb-22	211d
PP-CO-AP-7020	Approvals () - Review & Authorise Approval - Species Management Program	25d	11-Feb-22	17-Mar-22	211d
PP-CO-AP-7040	Approvals D&C Contractor (JH) - Condition Compliance - Species Management Program	10d	18-Mar-22	31-Mar-22	211d
GE-DC-OF-7040	GET Handover - Approvals - Receive Authorised Approval - Species Management Program - FROM OF to D&C	0d		31-Mar-22	211d
State Government Supported Community Infrastructure - Koala Conservation Policy		100d	28-Jan-22	22-Jun-22	156d
PP-CO-AP-8000	Approvals D&C Contractor (JH) - Prepare Application - Koala Conservation	40d	28-Jan-22	24-Mar-22	156d
GI-DC-OG-8000	GIVE Handover - Approvals D&C Contractor (JH) - Submit Application - Koala Conservation - FROM D&C to O	0d		24-Mar-22	156d
PP-CO-AP-8020	Approvals () - Review & Authorise Approval - Koala Conservation	40d	25-Mar-22	25-May-22	156d
PP-CO-AP-8040	Approvals D&C Contractor (JH) - Condition Compliance - Koala Conservation	20d	26-May-22	22-Jun-22	156d
GE-DC-OF-8040	GET Handover - Approvals - Receive Authorised Approval - Koala Conservation - FROM OF to D&C	0d		22-Jun-22	156d
Management Plans		293d	08-Jun-21	16-Aug-22	764d
Tranche 0 - Potholing + Design		20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1250	D&C Contractor (JH) - Plans - Rail Safety Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1120	D&C Contractor (JH) - Plans - Condition Survey Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1160	D&C Contractor (JH) - Plans - Strategic Traffic Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1170	D&C Contractor (JH) - Plans - Communications & Stakeholder Management Plan - Update & Submit for Approv	20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1050	D&C Contractor (JH) - Plans - D&C Environmental Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	27d
PP-CO-MP-1060	D&C Contractor (JH) - Plans - Workplace Health & Safety + Safety Management Plans - Update & Submit for A	20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1620	D&C Contractor (JH) - Plans - Workplace Health & Safety Governance Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1640	D&C Contractor (JH) - Plans - Communications & Stakeholder Forward Outlook Matrix - Update & Submit for A	20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1660	D&C Contractor (JH) - Plans - Communications & Stakeholder Comms Action Plans - Update & Submit for Appr	20d	08-Jun-21	05-Jul-21	42d
Tranche 1		10d	08-Jun-21	21-Jun-21	109d
PP-CO-MP-1080	D&C Contractor (JH) - Plans - Design Management Plan - Update & Submit for Approval	10d	08-Jun-21	21-Jun-21	52d
PP-CO-MP-1580	D&C Contractor (JH) - Plans - RATM Matrix - Update & Submit for Approval	10d	08-Jun-21	21-Jun-21	82d
PP-CO-MP-1270	D&C Contractor (JH) - Plans - Rail System Safety Assurance Plan - Update & Submit for Approval	10d	08-Jun-21	21-Jun-21	109d
Tranche 2		20d	08-Jun-21	05-Jul-21	165d
PP-CO-MP-1140	D&C Contractor (JH) - Plans - Construction Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1150	D&C Contractor (JH) - Plans - Acceptance Testing Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	165d
PP-CO-MP-1040	D&C Contractor (JH) - Plans - Quality Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1330	D&C Contractor (JH) - Plans - BIM Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	130d
PP-CO-MP-1000	D&C Contractor (JH) - Plans - Project Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	42d
PP-CO-MP-1310	D&C Contractor (JH) - Plans - Public Utility Management Plan - Update & Submit for Approval	20d	08-Jun-21	05-Jul-21	165d
Tranche 3		30d	08-Jun-21	19-Jul-21	830d
PP-CO-MP-1290	D&C Contractor (JH) - Plans - Interface Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	364d
PP-CO-MP-1210	D&C Contractor (JH) - Plans - Workplace Relations Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	475d
PP-CO-MP-1190	D&C Contractor (JH) - Plans - Local Industry Participation Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	80d
PP-CO-MP-1030	D&C Contractor (JH) - Plans - Employee Relations Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	475d
PP-CO-MP-1020	D&C Contractor (JH) - Plans - Project Training Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	830d
PP-CO-MP-1700	D&C Contractor (JH) - Plans - Rail Safety Accreditation Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	680d
Tranche 4		40d	08-Jun-21	02-Aug-21	450d
PP-CO-MP-1110	D&C Contractor (JH) - Plans - Urban & Landscape Design Management Plan - Update & Submit for Approval	40d	08-Jun-21	02-Aug-21	354d
PP-CO-MP-1600	D&C Contractor (JH) - Plans - Sustainability Management Plan - Update & Submit for Approval	40d	08-Jun-21	02-Aug-21	450d
Tranche 5		60d	08-Jun-21	31-Aug-21	225d
PP-CO-MP-1100	D&C Contractor (JH) - Plans - Stray Current Mitigation Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	163d
PP-CO-MP-1480	D&C Contractor (JH) - Plans - Earthing and Bonding Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	225d



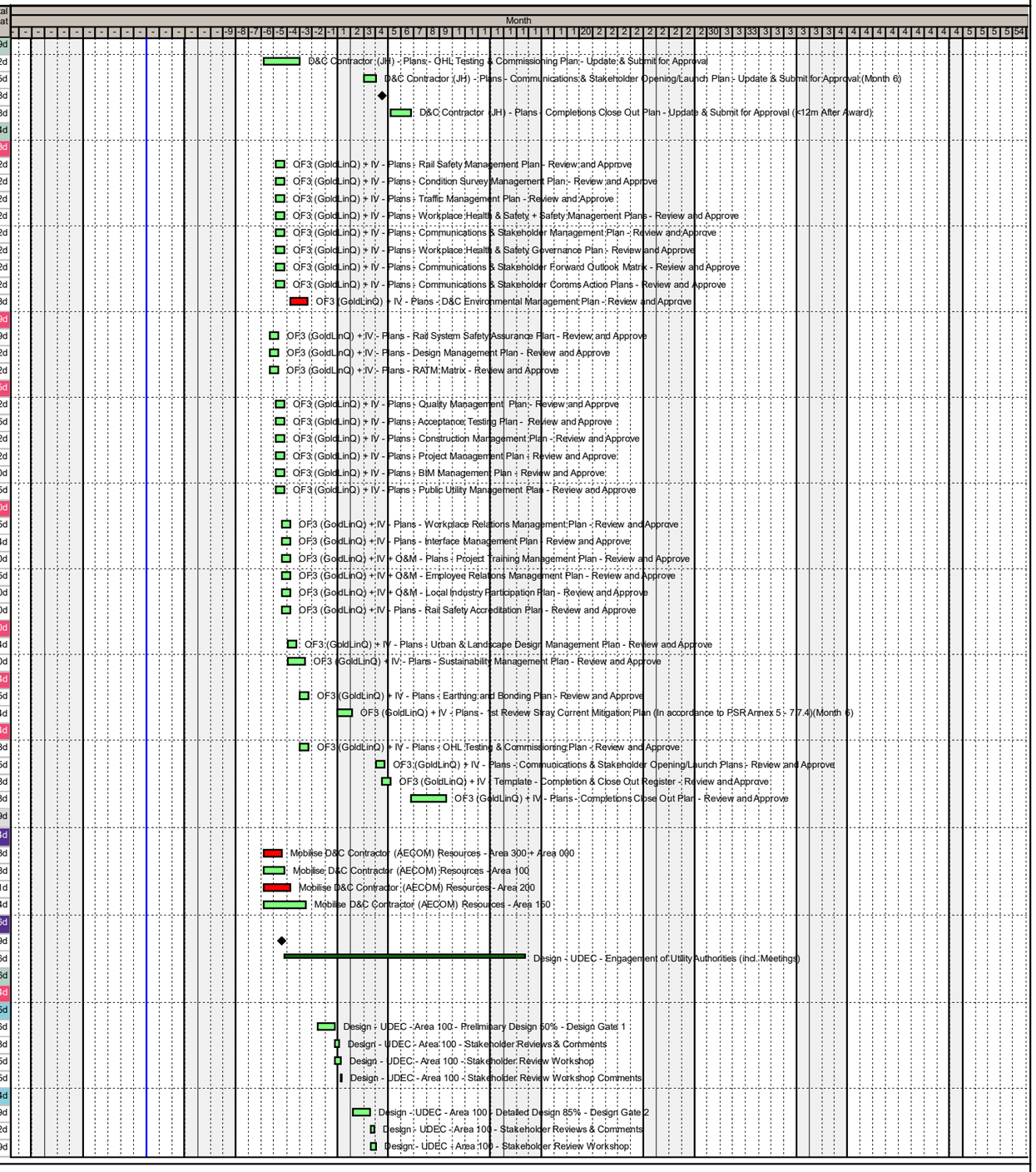
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Tranche 6		233d	08-Jun-21	24-May-22	809d
PP-CO-MP-1520	D&C Contractor (JH) - Plans - OHL Testing & Commissioning Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	712d
PP-CO-MP-1680	D&C Contractor (JH) - Plans - Communications & Stakeholder Opening/Launch Plan - Update & Submit for Appr	20d	02-Feb-22	01-Mar-22	865d
PP-CO-MP-1470	D&C Contractor (JH) - Template - Completion & Close Out Register - Submit for Approval	0d	17-Mar-22		298d
PP-CO-MP-1230	D&C Contractor (JH) - Plans - Completions Close Out Plan - Update & Submit for Approval (<12m After Award)	30d	07-Apr-22	24-May-22	298d
Management Plans - OF3 + Independant Verifier - Review Approve (Within 15BD of Submission) PD Cl 7.4		283d	22-Jun-21	16-Aug-22	764d
Tranche 0 - Potholing + Design		54d	06-Jul-21	20-Sep-21	3d
PP-GL-MP-1250	OF3 (GoldLinQ) + IV - Plans - Rail Safety Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1120	OF3 (GoldLinQ) + IV - Plans - Condition Survey Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1160	OF3 (GoldLinQ) + IV - Plans - Traffic Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1060	OF3 (GoldLinQ) + IV - Plans - Workplace Health & Safety + Safety Management Plans - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1170	OF3 (GoldLinQ) + IV - Plans - Communications & Stakeholder Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1620	OF3 (GoldLinQ) + IV - Plans - Workplace Health & Safety Governance Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1640	OF3 (GoldLinQ) + IV - Plans - Communications & Stakeholder Forward Outlook Matrix - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1660	OF3 (GoldLinQ) + IV - Plans - Communications & Stakeholder Comms Action Plans - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1050	OF3 (GoldLinQ) + IV - Plans - D&C Environmental Management Plan - Review and Approve	30d	09-Aug-21	20-Sep-21	3d
Tranche 1		15d	22-Jun-21	12-Jul-21	109d
PP-GL-MP-1270	OF3 (GoldLinQ) + IV - Plans - Rail System Safety Assurance Plan - Review and Approve	15d	22-Jun-21	12-Jul-21	109d
PP-GL-MP-1080	OF3 (GoldLinQ) + IV - Plans - Design Management Plan - Review and Approve	15d	22-Jun-21	12-Jul-21	52d
PP-GL-MP-1580	OF3 (GoldLinQ) + IV - Plans - RATM Matrix - Review and Approve	15d	22-Jun-21	12-Jul-21	82d
Tranche 2		15d	06-Jul-21	26-Jul-21	165d
PP-GL-MP-1040	OF3 (GoldLinQ) + IV - Plans - Quality Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1150	OF3 (GoldLinQ) + IV - Plans - Acceptance Testing Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	165d
PP-GL-MP-1140	OF3 (GoldLinQ) + IV - Plans - Construction Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1000	OF3 (GoldLinQ) + IV - Plans - Project Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	42d
PP-GL-MP-1330	OF3 (GoldLinQ) + IV - Plans - BIM Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	130d
PP-GL-MP-1310	OF3 (GoldLinQ) + IV - Plans - Public Utility Management Plan - Review and Approve	15d	06-Jul-21	26-Jul-21	165d
Tranche 3		15d	20-Jul-21	09-Aug-21	830d
PP-GL-MP-1210	OF3 (GoldLinQ) + IV - Plans - Workplace Relations Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	475d
PP-GL-MP-1290	OF3 (GoldLinQ) + IV - Plans - Interface Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	364d
PP-GL-MP-1020	OF3 (GoldLinQ) + IV + O&M - Plans - Project Training Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	830d
PP-GL-MP-1030	OF3 (GoldLinQ) + IV + O&M - Employee Relations Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	475d
PP-GL-MP-1190	OF3 (GoldLinQ) + IV + O&M - Local Industry Participation Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	80d
PP-GL-MP-1700	OF3 (GoldLinQ) + IV - Plans - Rail Safety Accreditation Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	680d
Tranche 4		30d	03-Aug-21	14-Sep-21	450d
PP-GL-MP-1110	OF3 (GoldLinQ) + IV - Plans - Urban & Landscape Design Management Plan - Review and Approve	15d	03-Aug-21	23-Aug-21	354d
PP-GL-MP-1610	OF3 (GoldLinQ) + IV - Plans - Sustainability Management Plan - Review and Approve	30d	03-Aug-21	14-Sep-21	450d
Tranche 5		78d	01-Sep-21	04-Jan-22	444d
PP-GL-MP-1480	OF3 (GoldLinQ) + IV - Plans - Earthing and Bonding Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	225d
PP-BT-MP-1040	OF3 (GoldLinQ) + IV - Plans - 1st Review Stray Current Mitigation Plan (In accordance to PSR Annex 5 - 7.7.4)	15d	30-Nov-21	04-Jan-22	444d
Tranche 6		233d	01-Sep-21	16-Aug-22	764d
PP-GL-MP-1530	OF3 (GoldLinQ) + IV - Plans - OHL Testing & Commissioning Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	783d
PP-GL-MP-1680	OF3 (GoldLinQ) + IV - Plans - Communications & Stakeholder Opening/Launch Plans - Review and Approve	15d	02-Mar-22	22-Mar-22	865d
PP-GL-MP-1490	OF3 (GoldLinQ) + IV - Template - Completion & Close Out Register - Review and Approve	15d	17-Mar-22	06-Apr-22	298d
PP-GL-MP-1230	OF3 (GoldLinQ) + IV - Plans - Completions Close Out Plan - Review and Approve	60d	25-May-22	16-Aug-22	298d
DESIGN (Annexure 17 - Part 1 Attach 1 Sect 3)		558d	08-Jun-21	15-Sep-23	619d
Mobilisation of Key Resources		71d	08-Jun-21	15-Sep-21	14d
DG-000-MO-1000	Mobilise D&C Contractor (AECOM) Resources - Area 300 + Area 000	30d	08-Jun-21	19-Jul-21	3d
DG-000-MO-1020	Mobilise D&C Contractor (AECOM) Resources - Area 100	35d	08-Jun-21	26-Jul-21	38d
DG-000-MO-1060	Mobilise D&C Contractor (AECOM) Resources - Area 200	45d	08-Jun-21	09-Aug-21	21d
DG-000-MO-1040	Mobilise D&C Contractor (AECOM) Resources - Area 150	71d	08-Jun-21	15-Sep-21	14d
Area 000 - Project Wide - Utilities (UDEC)		385d	20-Jul-21	21-Feb-23	176d
DG-UDEC-1120	Design - UDEC - Milestone - Financial Close / Commercial Engagement / Approval to commence	0d	20-Jul-21		19d
DG-UDEC-1140	Design - UDEC - Engagement of Utility Authorities (incl. Meetings)	380d	27-Jul-21	21-Feb-23	156d
Combined Utility Packages		325d	14-Oct-21	21-Feb-23	176d
Area 100 Broadbeach to Heron Ave (Ch 33,350 - 35,500) - Combined Utilities Package		297d	14-Oct-21	11-Jan-23	204d
Design Development Gate 1		42d	14-Oct-21	10-Dec-21	395d
DG-100-CU-1000	Design - UDEC - Area 100 - Preliminary Design 50% - Design Gate 1	30d	14-Oct-21	24-Nov-21	246d
DG-100-CU-1020	Design - UDEC - Area 100 - Stakeholder Reviews & Comments	7d	25-Nov-21	03-Dec-21	398d
DG-100-CU-1040	Design - UDEC - Area 100 - Stakeholder Review Workshop	10d	25-Nov-21	08-Dec-21	395d
DG-100-CU-1060	Design - UDEC - Area 100 - Stakeholder Review Workshop Comments	2d	09-Dec-21	10-Dec-21	395d
Design Development Gate 2		227d	05-Jan-22	28-Nov-22	204d
DG-100-CU-1080	Design - UDEC - Area 100 - Detailed Design 85% - Design Gate 2	30d	05-Jan-22	16-Feb-22	389d
DG-100-CU-1100	Design - UDEC - Area 100 - Stakeholder Reviews & Comments	7d	17-Feb-22	25-Feb-22	392d
DG-100-CU-1120	Design - UDEC - Area 100 - Stakeholder Review Workshop	10d	17-Feb-22	02-Mar-22	389d



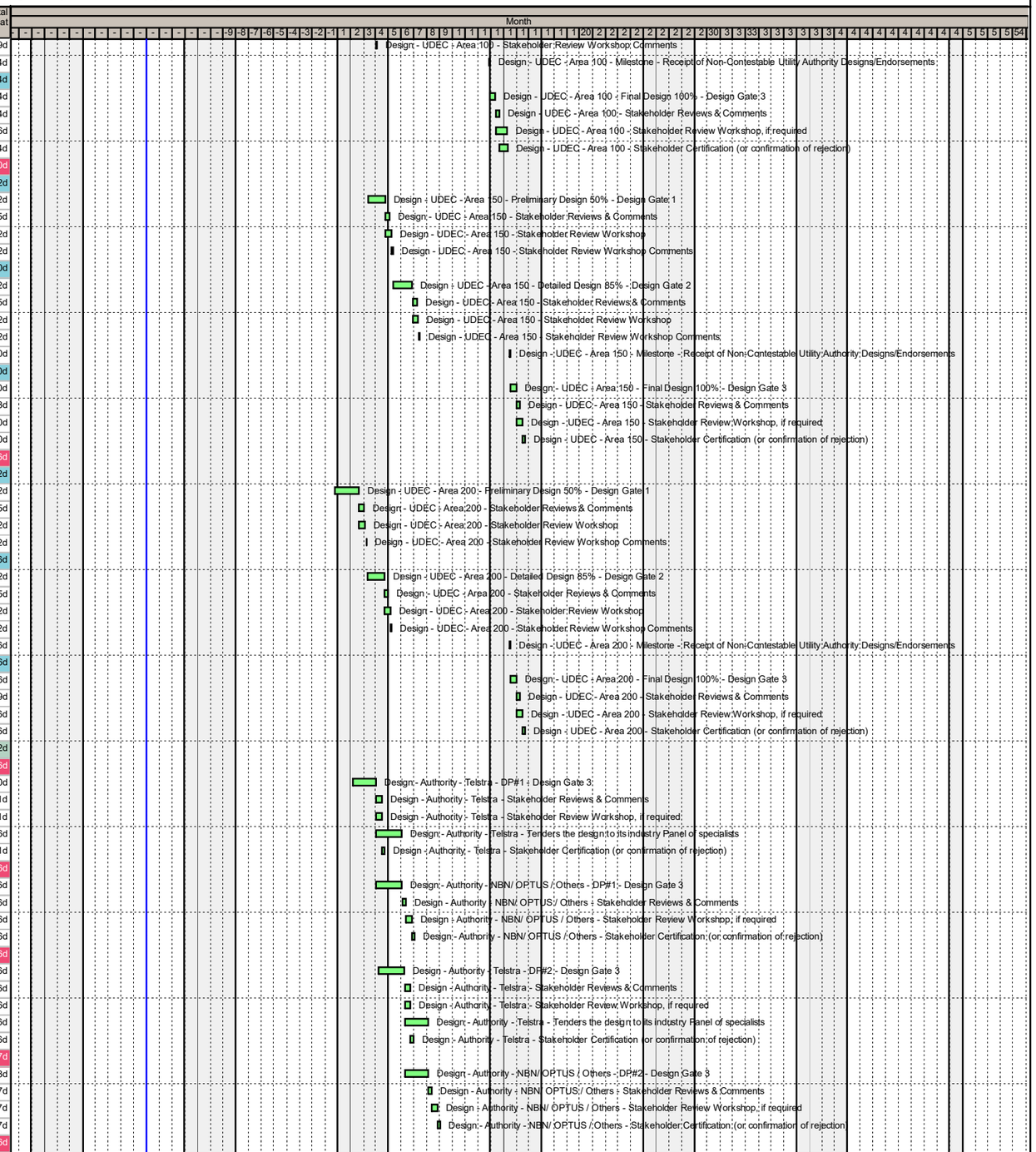
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

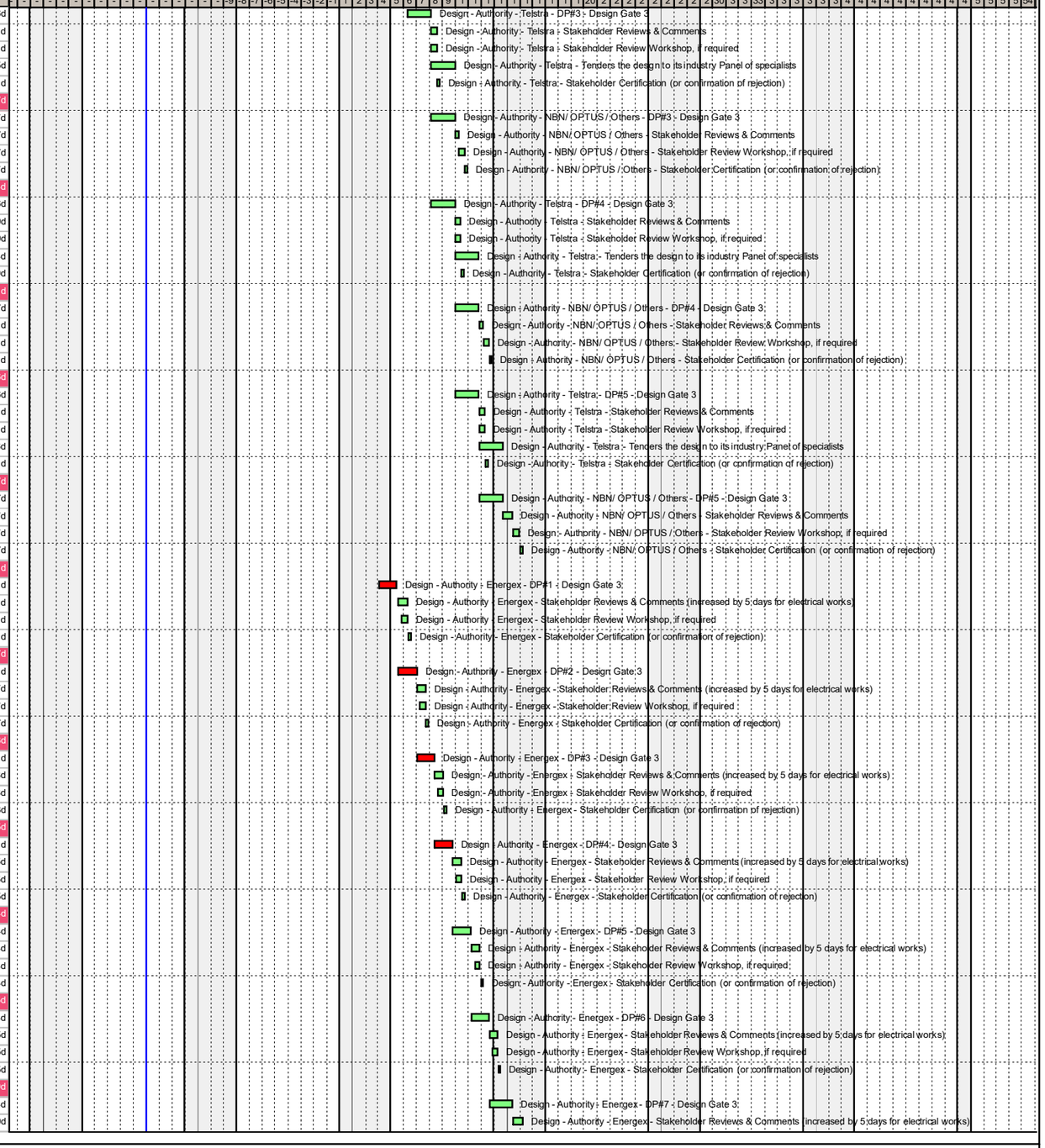
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-100-CU-1140	Design - UDEC - Area 100 - Stakeholder Review Workshop Comments	2d	03-Mar-22	04-Mar-22	389d
DG-100-CU-1160	Design - UDEC - Area 100 - Milestone - Receipt of Non-Contestable Utility Authority Designs/Endorsements	1d	28-Nov-22	28-Nov-22	204d
AFC Design Gate 3		22d	29-Nov-22	11-Jan-23	204d
DG-100-CU-1180	Design - UDEC - Area 100 - Final Design 100% - Design Gate 3	10d	29-Nov-22	12-Dec-22	204d
DG-100-CU-1200	Design - UDEC - Area 100 - Stakeholder Reviews & Comments	7d	13-Dec-22	21-Dec-22	204d
DG-100-CU-1220	Design - UDEC - Area 100 - Stakeholder Review Workshop, if required	10d	13-Dec-22	09-Jan-23	206d
DG-100-CU-1240	Design - UDEC - Area 100 - Stakeholder Certification (or confirmation of rejection)	5d	22-Dec-22	11-Jan-23	204d
Area 150 (200) Heron Ave to Dawn Pde (Ch 35,500 - 37,150) - Combined Utilities Package		251d	11-Feb-22	21-Feb-23	60d
Design Development Gate 1		42d	11-Feb-22	11-Apr-22	202d
DG-150-CU-2000	Design - UDEC - Area 150 - Preliminary Design 50% - Design Gate 1	30d	11-Feb-22	24-Mar-22	202d
DG-150-CU-2020	Design - UDEC - Area 150 - Stakeholder Reviews & Comments	7d	25-Mar-22	04-Apr-22	205d
DG-150-CU-2040	Design - UDEC - Area 150 - Stakeholder Review Workshop	10d	25-Mar-22	07-Apr-22	202d
DG-150-CU-2060	Design - UDEC - Area 150 - Stakeholder Review Workshop Comments	2d	08-Apr-22	11-Apr-22	202d
Design Development Gate 2		184d	12-Apr-22	16-Jan-23	60d
DG-150-CU-2080	Design - UDEC - Area 150 - Detailed Design 85% - Design Gate 2	30d	12-Apr-22	27-May-22	202d
DG-150-CU-2100	Design - UDEC - Area 150 - Stakeholder Reviews & Comments	7d	30-May-22	07-Jun-22	205d
DG-150-CU-2120	Design - UDEC - Area 150 - Stakeholder Review Workshop	10d	30-May-22	10-Jun-22	202d
DG-150-CU-2140	Design - UDEC - Area 150 - Stakeholder Review Workshop Comments	2d	13-Jun-22	14-Jun-22	202d
DG-150-CU-2160	Design - UDEC - Area 150 - Milestone - Receipt of Non-Contestable Utility Authority Designs/Endorsements	1d	16-Jan-23	16-Jan-23	60d
AFC Design Gate 3		25d	17-Jan-23	21-Feb-23	60d
DG-150-CU-2180	Design - UDEC - Area 150 - Final Design 100% - Design Gate 3	10d	17-Jan-23	31-Jan-23	60d
DG-150-CU-2200	Design - UDEC - Area 150 - Stakeholder Reviews & Comments	7d	01-Feb-23	09-Feb-23	63d
DG-150-CU-2220	Design - UDEC - Area 150 - Stakeholder Review Workshop, if required	10d	01-Feb-23	14-Feb-23	60d
DG-150-CU-2240	Design - UDEC - Area 150 - Stakeholder Certification (or confirmation of rejection)	5d	15-Feb-23	21-Feb-23	60d
Area 200 (300) Dawn Pde to Terminus End (Ch 37,150 - 40,135)- Combined Utilities Package		295d	25-Nov-21	21-Feb-23	156d
Design Development Gate 1		42d	25-Nov-21	08-Feb-22	342d
DG-200-CU-3000	Design - UDEC - Area 200 - Preliminary Design 50% - Design Gate 1	30d	25-Nov-21	20-Jan-22	342d
DG-200-CU-3020	Design - UDEC - Area 200 - Stakeholder Reviews & Comments	7d	21-Jan-22	01-Feb-22	345d
DG-200-CU-3040	Design - UDEC - Area 200 - Stakeholder Review Workshop	10d	21-Jan-22	04-Feb-22	342d
DG-200-CU-3060	Design - UDEC - Area 200 - Stakeholder Review Workshop Comments	2d	07-Feb-22	08-Feb-22	342d
Design Development Gate 2		228d	09-Feb-22	16-Jan-23	156d
DG-200-CU-3080	Design - UDEC - Area 200 - Detailed Design 85% - Design Gate 2	30d	09-Feb-22	22-Mar-22	342d
DG-200-CU-3100	Design - UDEC - Area 200 - Stakeholder Reviews & Comments	7d	23-Mar-22	31-Mar-22	345d
DG-200-CU-3120	Design - UDEC - Area 200 - Stakeholder Review Workshop	10d	23-Mar-22	05-Apr-22	342d
DG-200-CU-3140	Design - UDEC - Area 200 - Stakeholder Review Workshop Comments	2d	06-Apr-22	07-Apr-22	342d
DG-200-CU-3160	Design - UDEC - Area 200 - Milestone - Receipt of Non-Contestable Utility Authority Designs/Endorsements	1d	16-Jan-23	16-Jan-23	156d
AFC Design Gate 3		25d	17-Jan-23	21-Feb-23	156d
DG-200-CU-3180	Design - UDEC - Area 200 - Final Design 100% - Design Gate 3	10d	17-Jan-23	31-Jan-23	156d
DG-200-CU-3200	Design - UDEC - Area 200 - Stakeholder Reviews & Comments	7d	01-Feb-23	09-Feb-23	159d
DG-200-CU-3220	Design - UDEC - Area 200 - Stakeholder Review Workshop, if required	10d	01-Feb-23	14-Feb-23	156d
DG-200-CU-3240	Design - UDEC - Area 200 - Stakeholder Certification (or confirmation of rejection)	5d	15-Feb-23	21-Feb-23	156d
Non-Contestable Design Packages		271d	05-Jan-22	13-Feb-23	182d
Telstra DP#1 - Design Gate 3 (1A, i55, 1B, i56, 1C		80d	05-Jan-22	03-May-22	156d
DG-SV-TLS-1000	Design - Authority - Telstra - DP#1 - Design Gate 3	40d	05-Jan-22	02-Mar-22	60d
DG-SV-TLS-1020	Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	03-Mar-22	16-Mar-22	181d
DG-SV-TLS-1040	Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	03-Mar-22	16-Mar-22	181d
DG-SV-TLS-1080	Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	03-Mar-22	03-May-22	156d
DG-SV-TLS-1060	Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	17-Mar-22	23-Mar-22	181d
NBN/ OPTUS/ Others - DP#1 - Design Gate 3		62d	03-Mar-22	02-Jun-22	166d
DG-SV-NB-1030	Design - Authority - NBN/ OPTUS / Others - DP#1 - Design Gate 3	40d	03-Mar-22	03-May-22	166d
DG-SV-NB-1040	Design - Authority - NBN/ OPTUS / Others - Stakeholder Reviews & Comments	7d	04-May-22	12-May-22	166d
DG-SV-NB-1050	Design - Authority - NBN/ OPTUS / Others - Stakeholder Review Workshop, if required	10d	13-May-22	26-May-22	166d
DG-SV-NB-1060	Design - Authority - NBN/ OPTUS / Others - Stakeholder Certification (or confirmation of rejection)	5d	27-May-22	02-Jun-22	166d
Telstra DP#2 - Design Gate 3 (1D, i62, 1E, 2G, 2A		80d	09-Mar-22	04-Jul-22	136d
DG-SV-TLS-2000	Design - Authority - Telstra - DP#2 - Design Gate 3	40d	09-Mar-22	09-May-22	56d
DG-SV-TLS-2020	Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	10-May-22	23-May-22	156d
DG-SV-TLS-2040	Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	10-May-22	23-May-22	156d
DG-SV-TLS-2080	Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	10-May-22	04-Jul-22	136d
DG-SV-TLS-2060	Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	24-May-22	30-May-22	156d
NBN/ OPTUS/ Others - DP#2 - Design Gate 3		62d	10-May-22	03-Aug-22	307d
DG-SV-NB-2000	Design - Authority - NBN/ OPTUS / Others - DP#2 - Design Gate 3	40d	10-May-22	04-Jul-22	283d
DG-SV-NB-2020	Design - Authority - NBN/ OPTUS / Others - Stakeholder Reviews & Comments	7d	05-Jul-22	13-Jul-22	307d
DG-SV-NB-2040	Design - Authority - NBN/ OPTUS / Others - Stakeholder Review Workshop, if required	10d	14-Jul-22	27-Jul-22	307d
DG-SV-NB-2060	Design - Authority - NBN/ OPTUS / Others - Stakeholder Certification (or confirmation of rejection)	5d	28-Jul-22	03-Aug-22	307d
Telstra DP#3 - Design Gate 3 (i64, 1F, 1G, i76, 2B, i78, 2D		80d	10-May-22	30-Aug-22	86d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-SV-TLS-3000	Design - Authority - Telstra - DP#3 - Design Gate 3	40d	10-May-22	04-Jul-22	56d
DG-SV-TLS-3020	Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	05-Jul-22	18-Jul-22	111d
DG-SV-TLS-3040	Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	05-Jul-22	18-Jul-22	111d
DG-SV-TLS-3080	Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	05-Jul-22	30-Aug-22	65d
DG-SV-TLS-3060	Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	19-Jul-22	25-Jul-22	111d
NBN/ OPTUS/ Others - DP#3 - Design Gate 3		62d	05-Jul-22	29-Sep-22	267d
DG-SV-NB-3000	Design - Authority - NBN/ OPTUS / Others - DP#3 - Design Gate 3	40d	05-Jul-22	30-Aug-22	147d
DG-SV-NB-3020	Design - Authority - NBN/ OPTUS / Others - Stakeholder Reviews & Comments	7d	31-Aug-22	08-Sep-22	267d
DG-SV-NB-3040	Design - Authority - NBN/ OPTUS / Others - Stakeholder Review Workshop, if required	10d	09-Sep-22	22-Sep-22	267d
DG-SV-NB-3060	Design - Authority - NBN/ OPTUS / Others - Stakeholder Certification (or confirmation of rejection)	5d	23-Sep-22	29-Sep-22	267d
Telstra DP#4 - Design Gate 3 (i67, i69, 1H, i70, 2C, i79		80d	05-Jul-22	26-Oct-22	154d
DG-SV-TLS-4000	Design - Authority - Telstra - DP#4 - Design Gate 3	40d	05-Jul-22	30-Aug-22	56d
DG-SV-TLS-4020	Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	31-Aug-22	13-Sep-22	179d
DG-SV-TLS-4040	Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	31-Aug-22	13-Sep-22	179d
DG-SV-TLS-4080	Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	31-Aug-22	26-Oct-22	154d
DG-SV-TLS-4060	Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	14-Sep-22	20-Sep-22	179d
NBN/ OPTUS/ Others - DP#4 - Design Gate 3		62d	31-Aug-22	25-Nov-22	111d
DG-SV-NB-4000	Design - Authority - NBN/ OPTUS / Others - DP#4 - Design Gate 3	40d	31-Aug-22	26-Oct-22	107d
DG-SV-NB-4020	Design - Authority - NBN/ OPTUS / Others - Stakeholder Reviews & Comments	7d	27-Oct-22	04-Nov-22	111d
DG-SV-NB-4040	Design - Authority - NBN/ OPTUS / Others - Stakeholder Review Workshop, if required	10d	07-Nov-22	18-Nov-22	111d
DG-SV-NB-4060	Design - Authority - NBN/ OPTUS / Others - Stakeholder Certification (or confirmation of rejection)	5d	21-Nov-22	25-Nov-22	111d
Telstra DP#5 - Design Gate 3 (1J, i71, 1K, i86, 2I		80d	31-Aug-22	21-Dec-22	56d
DG-SV-TLS-5000	Design - Authority - Telstra - DP#5 - Design Gate 3	40d	31-Aug-22	26-Oct-22	56d
DG-SV-TLS-5020	Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	27-Oct-22	09-Nov-22	81d
DG-SV-TLS-5040	Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	27-Oct-22	09-Nov-22	81d
DG-SV-TLS-5080	Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	27-Oct-22	21-Dec-22	56d
DG-SV-TLS-5060	Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	10-Nov-22	16-Nov-22	81d
NBN/ OPTUS/ Others - DP#5 - Design Gate 3		62d	27-Oct-22	06-Feb-23	167d
DG-SV-NB-5000	Design - Authority - NBN/ OPTUS / Others - DP#5 - Design Gate 3	40d	27-Oct-22	21-Dec-22	67d
DG-SV-NB-5020	Design - Authority - NBN/ OPTUS / Others - Stakeholder Reviews & Comments	7d	22-Dec-22	13-Jan-23	167d
DG-SV-NB-5040	Design - Authority - NBN/ OPTUS / Others - Stakeholder Review Workshop, if required	10d	16-Jan-23	30-Jan-23	167d
DG-SV-NB-5060	Design - Authority - NBN/ OPTUS / Others - Stakeholder Certification (or confirmation of rejection)	5d	31-Jan-23	06-Feb-23	167d
Energex DP#1 - Design Gate 3 (1A, 1B, i56, 2A)		50d	04-Mar-22	18-May-22	111d
DG-SV-EG-1000	Design - Authority - Energex - DP#1 - Design Gate 3	30d	04-Mar-22	14-Apr-22	21d
DG-SV-EG-1020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	19-Apr-22	11-May-22	111d
DG-SV-EG-1040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	27-Apr-22	11-May-22	111d
DG-SV-EG-1060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	12-May-22	18-May-22	111d
Energex DP#2 - Design Gate 3 (1C, i58, 1D, 2G/i85)		50d	19-Apr-22	29-Jun-22	37d
DG-SV-EG-2000	Design - Authority - Energex - DP#2 - Design Gate 3	30d	19-Apr-22	01-Jun-22	21d
DG-SV-EG-2020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	02-Jun-22	22-Jun-22	37d
DG-SV-EG-2040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	09-Jun-22	22-Jun-22	37d
DG-SV-EG-2060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	23-Jun-22	29-Jun-22	37d
Energex DP#3 - Design Gate 3 (1E, i64, 1F, 2D)		50d	02-Jun-22	10-Aug-22	73d
DG-SV-EG-3000	Design - Authority - Energex - DP#3 - Design Gate 3	30d	02-Jun-22	13-Jul-22	21d
DG-SV-EG-3020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	14-Jul-22	03-Aug-22	73d
DG-SV-EG-3040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	21-Jul-22	03-Aug-22	73d
DG-SV-EG-3060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	04-Aug-22	10-Aug-22	73d
Energex DP#4 - Design Gate 3 (2B, i78, i79, 1G)		50d	14-Jul-22	22-Sep-22	35d
DG-SV-EG-4000	Design - Authority - Energex - DP#4 - Design Gate 3	30d	14-Jul-22	24-Aug-22	21d
DG-SV-EG-4020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	25-Aug-22	15-Sep-22	35d
DG-SV-EG-4040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	02-Sep-22	15-Sep-22	35d
DG-SV-EG-4060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	16-Sep-22	22-Sep-22	35d
Energex DP#5 - Design Gate 3 (i67, i69, 1H, 2C)		50d	25-Aug-22	04-Nov-22	174d
DG-SV-EG-5000	Design - Authority - Energex - DP#5 - Design Gate 3	30d	25-Aug-22	07-Oct-22	44d
DG-SV-EG-5020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	10-Oct-22	28-Oct-22	174d
DG-SV-EG-5040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	17-Oct-22	28-Oct-22	174d
DG-SV-EG-5060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	31-Oct-22	04-Nov-22	174d
Energex DP#6 - Design Gate 3 (i70, 1J, 2H/i86)		50d	10-Oct-22	16-Dec-22	95d
DG-SV-EG-6000	Design - Authority - Energex - DP#6 - Design Gate 3	30d	10-Oct-22	18-Nov-22	44d
DG-SV-EG-6020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	21-Nov-22	09-Dec-22	95d
DG-SV-EG-6040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	28-Nov-22	09-Dec-22	95d
DG-SV-EG-6060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	12-Dec-22	16-Dec-22	95d
Energex DP#7 - Design Gate 3 (2I, 1K)		50d	21-Nov-22	13-Feb-23	59d
DG-SV-EG-7000	Design - Authority - Energex - DP#7 - Design Gate 3	30d	21-Nov-22	13-Jan-23	44d
DG-SV-EG-7020	Design - Authority - Energex - Stakeholder Reviews & Comments (increased by 5 days for electrical works)	15d	16-Jan-23	06-Feb-23	59d



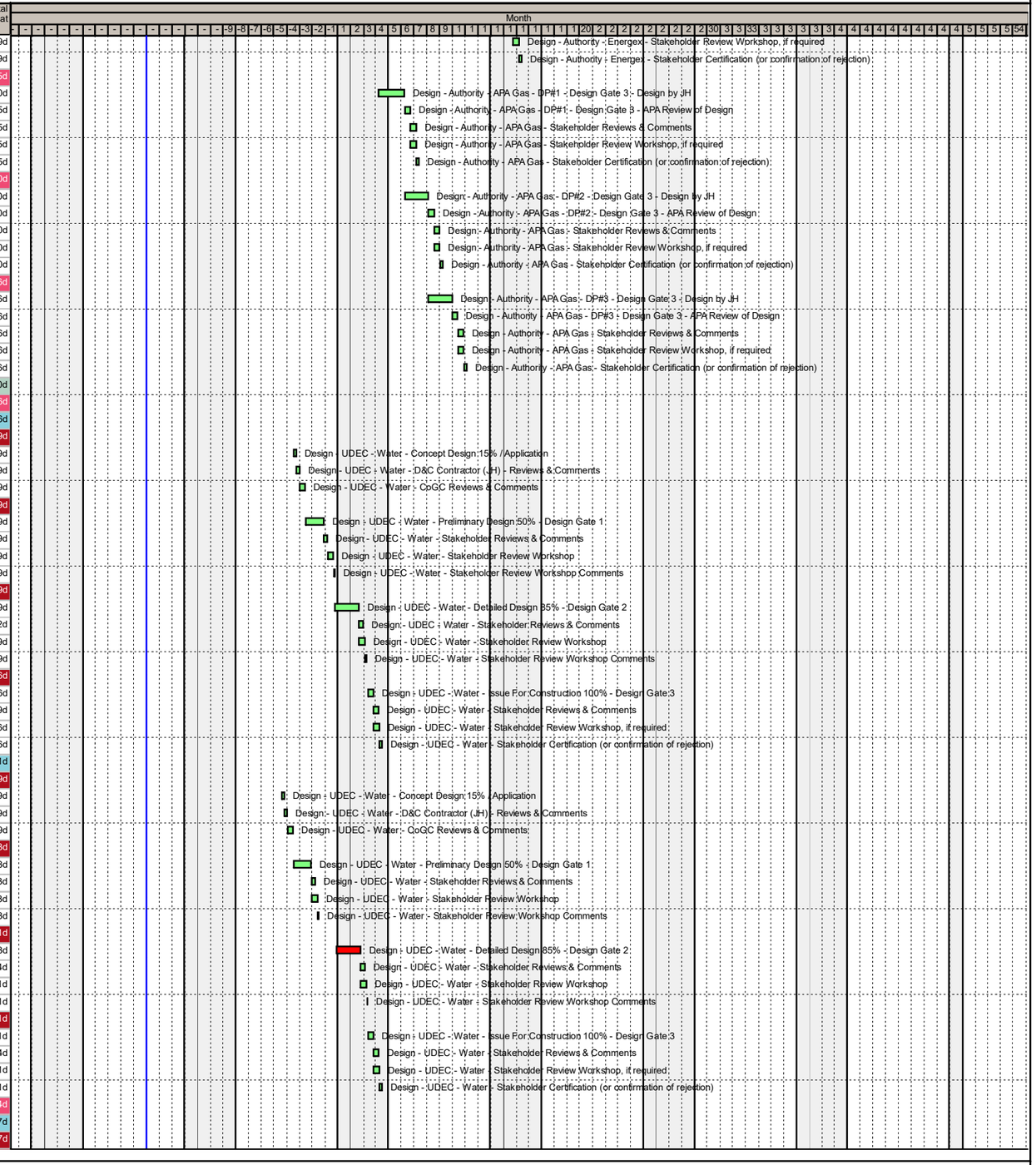
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-SV-EG-7040	Design - Authority - Energex - Stakeholder Review Workshop, if required	10d	23-Jan-23	06-Feb-23	59d
DG-SV-EG-7060	Design - Authority - Energex - Stakeholder Certification (or confirmation of rejection)	5d	07-Feb-23	13-Feb-23	59d
APA Gas DP#1 - Design Gate 3 (1A, 1B, 1C, 2A		65d	09-Mar-22	13-Jun-22	95d
DG-SV-GA-1000	Design - Authority - APA Gas - DP#1 - Design Gate 3 - Design by JH	40d	09-Mar-22	09-May-22	60d
DG-SV-GA-1080	Design - Authority - APA Gas - DP#1 - Design Gate 3 - APA Review of Design	10d	10-May-22	23-May-22	95d
DG-SV-GA-1020	Design - Authority - APA Gas - Stakeholder Reviews & Comments	10d	24-May-22	06-Jun-22	95d
DG-SV-GA-1040	Design - Authority - APA Gas - Stakeholder Review Workshop, if required	10d	24-May-22	06-Jun-22	95d
DG-SV-GA-1060	Design - Authority - APA Gas - Stakeholder Certification (or confirmation of rejection)	5d	07-Jun-22	13-Jun-22	95d
APA Gas DP#2 - Design Gate 3 (1D, 1G, 1F, 2D, 2G		65d	10-May-22	08-Aug-22	60d
DG-SV-GA-2000	Design - Authority - APA Gas - DP#2 - Design Gate 3 - Design by JH	40d	10-May-22	04-Jul-22	60d
DG-SV-GA-2080	Design - Authority - APA Gas - DP#2 - Design Gate 3 - APA Review of Design	10d	05-Jul-22	18-Jul-22	60d
DG-SV-GA-2020	Design - Authority - APA Gas - Stakeholder Reviews & Comments	10d	19-Jul-22	01-Aug-22	60d
DG-SV-GA-2040	Design - Authority - APA Gas - Stakeholder Review Workshop, if required	10d	19-Jul-22	01-Aug-22	60d
DG-SV-GA-2060	Design - Authority - APA Gas - Stakeholder Certification (or confirmation of rejection)	5d	02-Aug-22	08-Aug-22	60d
APA Gas DP#3 - Design Gate 3 (1E, i76, 2B, 2C, 2I		65d	05-Jul-22	05-Oct-22	106d
DG-SV-GA-3000	Design - Authority - APA Gas - DP#3 - Design Gate 3 - Design by JH	40d	05-Jul-22	30-Aug-22	106d
DG-SV-GA-3080	Design - Authority - APA Gas - DP#3 - Design Gate 3 - APA Review of Design	10d	31-Aug-22	13-Sep-22	106d
DG-SV-GA-3020	Design - Authority - APA Gas - Stakeholder Reviews & Comments	10d	14-Sep-22	27-Sep-22	106d
DG-SV-GA-3040	Design - Authority - APA Gas - Stakeholder Review Workshop, if required	10d	14-Sep-22	27-Sep-22	106d
DG-SV-GA-3060	Design - Authority - APA Gas - Stakeholder Certification (or confirmation of rejection)	5d	28-Sep-22	05-Oct-22	106d
CoGC Water / Sewer Design Packages		313d	20-Jul-21	27-Oct-22	120d
Design Group-1		159d	20-Jul-21	17-Mar-22	16d
Water DP#2 (ENABLING WORKS PACKAGE) (Zone 1D, 1F, i56, i62, i69) (WA-100-003/8/29/57/209/18/37/73		139d	17-Aug-21	17-Mar-22	16d
Design Development Concept (15%) / Application		20d	17-Aug-21	14-Sep-21	19d
DG-SV-WT-2000	Design - UDEC - Water - Concept Design 15% / Application	5d	17-Aug-21	23-Aug-21	19d
DG-SV-WT-2020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	24-Aug-21	31-Aug-21	19d
DG-SV-WT-2040	Design - UDEC - Water - CoGC Reviews & Comments	10d	01-Sep-21	14-Sep-21	19d
Design Development Gate 1 (50%)		49d	15-Sep-21	23-Nov-21	19d
DG-SV-WT-2060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	15-Sep-21	27-Oct-21	19d
DG-SV-WT-2080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	28-Oct-21	05-Nov-21	19d
DG-SV-WT-2100	Design - UDEC - Water - Stakeholder Review Workshop	10d	08-Nov-21	19-Nov-21	19d
DG-SV-WT-2120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	22-Nov-21	23-Nov-21	19d
Design Development Gate 2 (85%)		42d	24-Nov-21	07-Feb-22	19d
DG-SV-WT-2140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	24-Nov-21	19-Jan-22	19d
DG-SV-WT-2160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	20-Jan-22	31-Jan-22	22d
DG-SV-WT-2180	Design - UDEC - Water - Stakeholder Review Workshop	10d	20-Jan-22	03-Feb-22	19d
DG-SV-WT-2200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	04-Feb-22	07-Feb-22	19d
AFC Design Gate 3 (100%)		25d	11-Feb-22	17-Mar-22	16d
DG-SV-WT-2220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	11-Feb-22	24-Feb-22	16d
DG-SV-WT-2240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	25-Feb-22	07-Mar-22	19d
DG-SV-WT-2260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	25-Feb-22	10-Mar-22	16d
DG-SV-WT-2280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	11-Mar-22	17-Mar-22	16d
Water DP#3 (ENABLING WORKS PACKAGE) (Zone 1G & i62) (WA-100-212/224/229)		159d	20-Jul-21	17-Mar-22	11d
Design Development Concept (15%) / Application		20d	20-Jul-21	16-Aug-21	19d
DG-SV-WT-3000	Design - UDEC - Water - Concept Design 15% / Application	5d	20-Jul-21	26-Jul-21	19d
DG-SV-WT-3020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	27-Jul-21	02-Aug-21	19d
DG-SV-WT-3040	Design - UDEC - Water - CoGC Reviews & Comments	10d	03-Aug-21	16-Aug-21	19d
Design Development Gate 1 (50%)		42d	17-Aug-21	15-Oct-21	33d
DG-SV-WT-3060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	17-Aug-21	28-Sep-21	33d
DG-SV-WT-3080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	29-Sep-21	08-Oct-21	33d
DG-SV-WT-3100	Design - UDEC - Water - Stakeholder Review Workshop	10d	29-Sep-21	13-Oct-21	33d
DG-SV-WT-3120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	14-Oct-21	15-Oct-21	33d
Design Development Gate 2 (85%)		42d	29-Nov-21	10-Feb-22	11d
DG-SV-WT-3140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	29-Nov-21	24-Jan-22	3d
DG-SV-WT-3160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	25-Jan-22	03-Feb-22	14d
DG-SV-WT-3180	Design - UDEC - Water - Stakeholder Review Workshop	10d	25-Jan-22	08-Feb-22	11d
DG-SV-WT-3200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	09-Feb-22	10-Feb-22	11d
AFC Design Gate 3 (100%)		25d	11-Feb-22	17-Mar-22	11d
DG-SV-WT-3220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	11-Feb-22	24-Feb-22	11d
DG-SV-WT-3240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	25-Feb-22	07-Mar-22	14d
DG-SV-WT-3260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	25-Feb-22	10-Mar-22	11d
DG-SV-WT-3280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	11-Mar-22	17-Mar-22	11d
Design Group-2		134d	13-Oct-21	10-May-22	54d
Water DP#1 (Zone 1A-1E)		130d	13-Oct-21	04-May-22	27d
Design Development Concept (15%) / Application		20d	13-Oct-21	09-Nov-21	17d



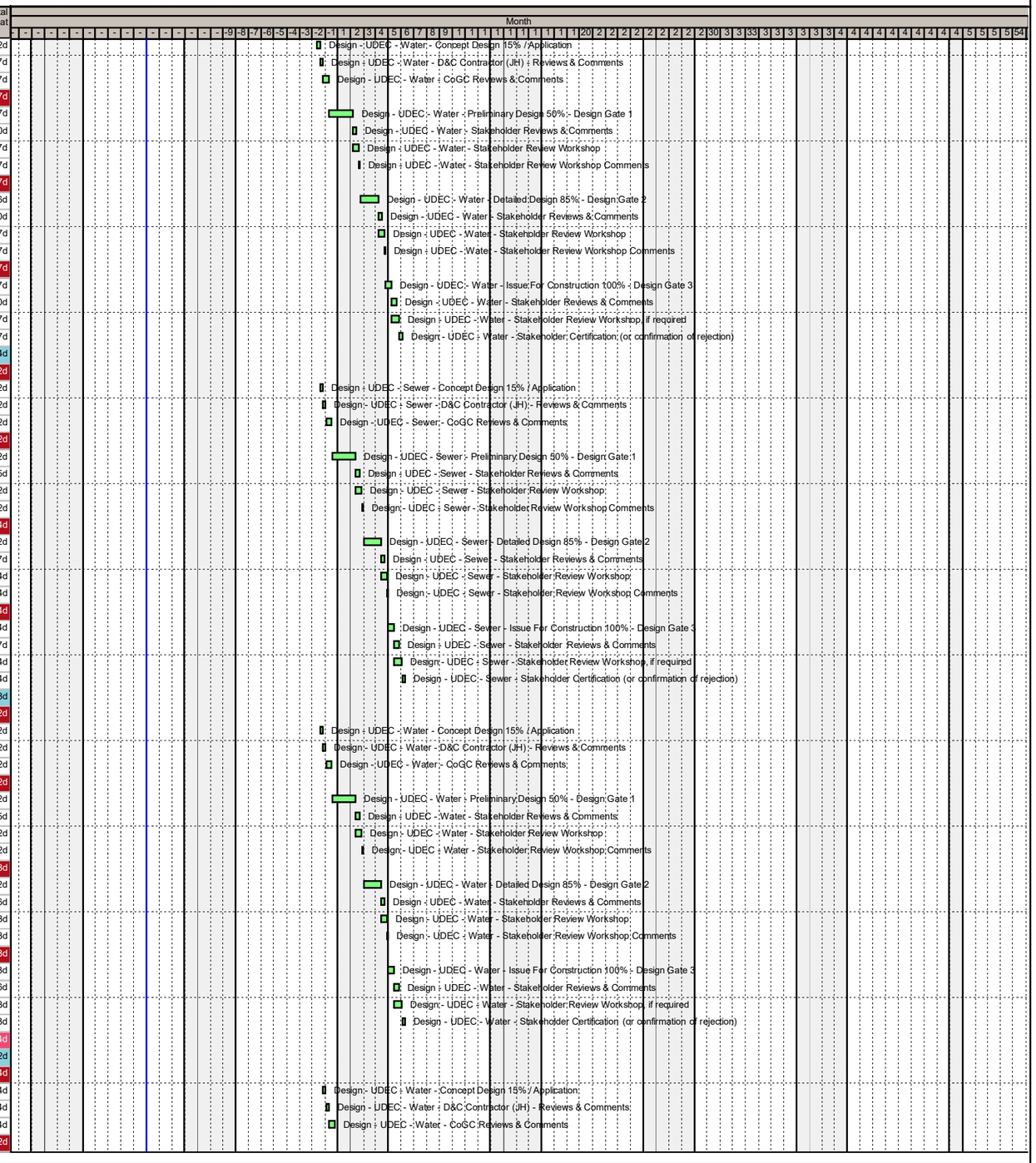
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-SV-WT-1000	Design - UDEC - Water - Concept Design 15% / Application	5d	13-Oct-21	19-Oct-21	12d
DG-SV-WT-1020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	20-Oct-21	26-Oct-21	17d
DG-SV-WT-1040	Design - UDEC - Water - CoGC Reviews & Comments	10d	27-Oct-21	09-Nov-21	17d
Design Development Gate 1 (50%)		42d	10-Nov-21	21-Jan-22	17d
DG-SV-WT-1060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	10-Nov-21	05-Jan-22	17d
DG-SV-WT-1080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	06-Jan-22	14-Jan-22	20d
DG-SV-WT-1100	Design - UDEC - Water - Stakeholder Review Workshop	10d	06-Jan-22	19-Jan-22	17d
DG-SV-WT-1120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	20-Jan-22	21-Jan-22	17d
Design Development Gate 2 (85%)		42d	25-Jan-22	24-Mar-22	27d
DG-SV-WT-1140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	25-Jan-22	08-Mar-22	16d
DG-SV-WT-1160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	09-Mar-22	17-Mar-22	30d
DG-SV-WT-1180	Design - UDEC - Water - Stakeholder Review Workshop	10d	09-Mar-22	22-Mar-22	27d
DG-SV-WT-1200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	23-Mar-22	24-Mar-22	27d
AFC Design Gate 3 (100%)		25d	25-Mar-22	04-May-22	27d
DG-SV-WT-1220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	25-Mar-22	07-Apr-22	27d
DG-SV-WT-1240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	08-Apr-22	20-Apr-22	30d
DG-SV-WT-1260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	08-Apr-22	26-Apr-22	27d
DG-SV-WT-1280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	27-Apr-22	04-May-22	27d
Sewer DP#5 (Zone 1A - 1F)		129d	20-Oct-21	10-May-22	54d
Design Development Concept (15%) / Application		20d	20-Oct-21	16-Nov-21	12d
DG-SV-SW-5000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	20-Oct-21	26-Oct-21	12d
DG-SV-SW-5020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	27-Oct-21	02-Nov-21	12d
DG-SV-SW-5040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	03-Nov-21	16-Nov-21	12d
Design Development Gate 1 (50%)		42d	17-Nov-21	31-Jan-22	12d
DG-SV-SW-5060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	17-Nov-21	12-Jan-22	12d
DG-SV-SW-5080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	13-Jan-22	21-Jan-22	15d
DG-SV-SW-5100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	13-Jan-22	27-Jan-22	12d
DG-SV-SW-5120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	28-Jan-22	31-Jan-22	12d
Design Development Gate 2 (85%)		42d	01-Feb-22	30-Mar-22	54d
DG-SV-SW-5140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	01-Feb-22	14-Mar-22	12d
DG-SV-SW-5160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	15-Mar-22	23-Mar-22	57d
DG-SV-SW-5180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	15-Mar-22	28-Mar-22	54d
DG-SV-SW-5200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	29-Mar-22	30-Mar-22	54d
AFC Design Gate 3 (100%)		25d	31-Mar-22	10-May-22	54d
DG-SV-SW-5220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	31-Mar-22	13-Apr-22	54d
DG-SV-SW-5240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	14-Apr-22	27-Apr-22	57d
DG-SV-SW-5260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	14-Apr-22	03-May-22	54d
DG-SV-SW-5280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	04-May-22	10-May-22	54d
Water DP#4 (Zone 1E - 1G)		129d	20-Oct-21	10-May-22	23d
Design Development Concept (15%) / Application		20d	20-Oct-21	16-Nov-21	12d
DG-SV-WT-4000	Design - UDEC - Water - Concept Design 15% / Application	5d	20-Oct-21	26-Oct-21	12d
DG-SV-WT-4020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	27-Oct-21	02-Nov-21	12d
DG-SV-WT-4040	Design - UDEC - Water - CoGC Reviews & Comments	10d	03-Nov-21	16-Nov-21	12d
Design Development Gate 1 (50%)		42d	17-Nov-21	31-Jan-22	12d
DG-SV-WT-4060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	17-Nov-21	12-Jan-22	12d
DG-SV-WT-4080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Jan-22	21-Jan-22	15d
DG-SV-WT-4100	Design - UDEC - Water - Stakeholder Review Workshop	10d	13-Jan-22	27-Jan-22	12d
DG-SV-WT-4120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	28-Jan-22	31-Jan-22	12d
Design Development Gate 2 (85%)		42d	01-Feb-22	30-Mar-22	23d
DG-SV-WT-4140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	01-Feb-22	14-Mar-22	12d
DG-SV-WT-4160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	15-Mar-22	23-Mar-22	26d
DG-SV-WT-4180	Design - UDEC - Water - Stakeholder Review Workshop	10d	15-Mar-22	28-Mar-22	23d
DG-SV-WT-4200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	29-Mar-22	30-Mar-22	23d
AFC Design Gate 3 (100%)		25d	31-Mar-22	10-May-22	23d
DG-SV-WT-4220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	31-Mar-22	13-Apr-22	23d
DG-SV-WT-4240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	14-Apr-22	27-Apr-22	26d
DG-SV-WT-4260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	14-Apr-22	03-May-22	23d
DG-SV-WT-4280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	04-May-22	10-May-22	23d
Design Group-3		154d	27-Oct-21	21-Jun-22	64d
Water DP#5 (Zone 1K - 2A)		154d	27-Oct-21	21-Jun-22	12d
Design Development Concept (15%) / Application		20d	27-Oct-21	23-Nov-21	24d
DG-SV-WT-5000	Design - UDEC - Water - Concept Design 15% / Application	5d	27-Oct-21	02-Nov-21	24d
DG-SV-WT-5020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	03-Nov-21	09-Nov-21	24d
DG-SV-WT-5040	Design - UDEC - Water - CoGC Reviews & Comments	10d	10-Nov-21	23-Nov-21	24d
Design Development Gate 1 (50%)		42d	13-Jan-22	14-Mar-22	12d



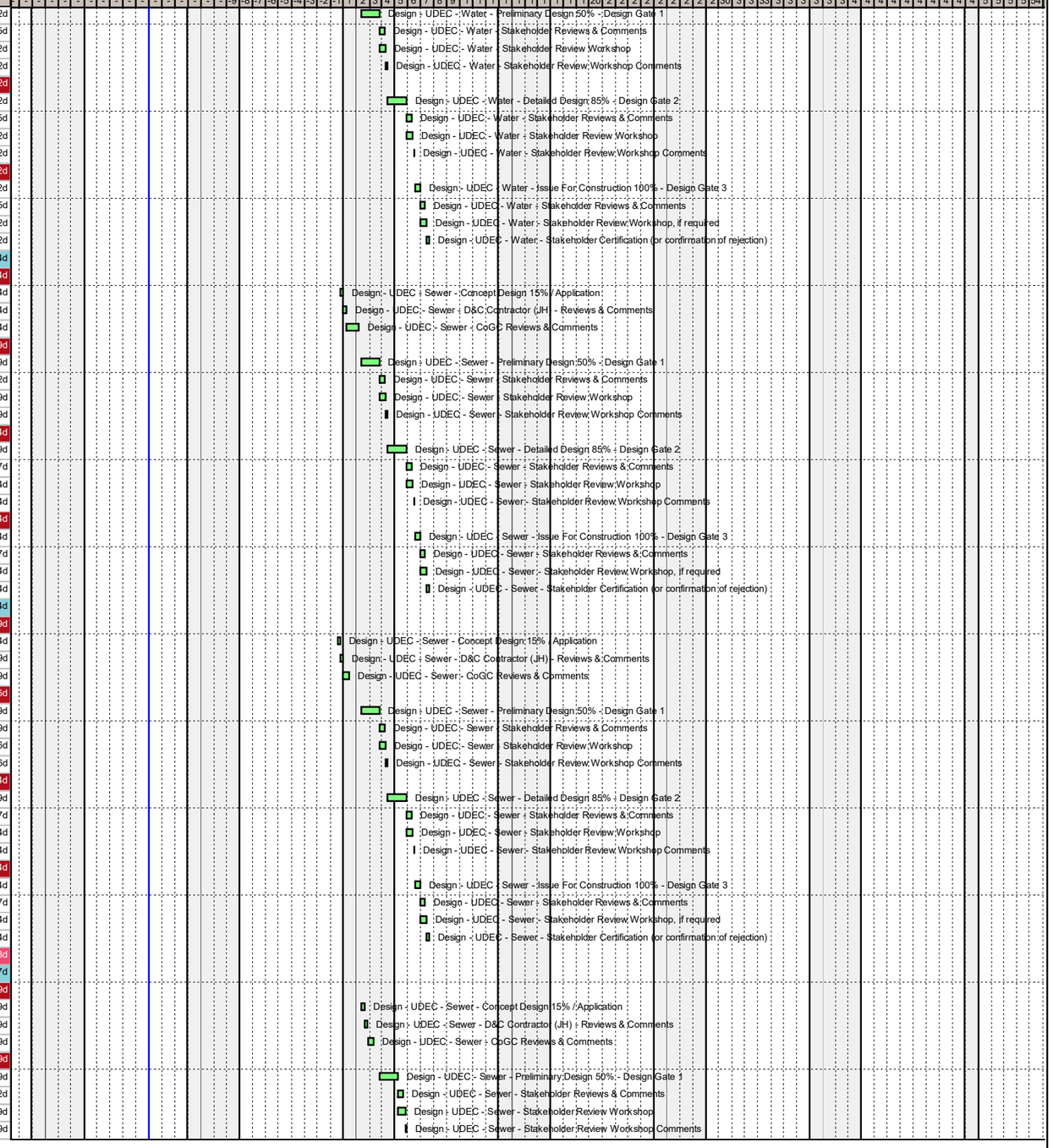
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JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-SV-WT-5060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	13-Jan-22	24-Feb-22	12d
DG-SV-WT-5080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	25-Feb-22	07-Mar-22	15d
DG-SV-WT-5100	Design - UDEC - Water - Stakeholder Review Workshop	10d	25-Feb-22	10-Mar-22	12d
DG-SV-WT-5120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	11-Mar-22	14-Mar-22	12d
Design Development Gate 2 (85%)		42d	15-Mar-22	17-May-22	12d
DG-SV-WT-5140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	15-Mar-22	28-Apr-22	12d
DG-SV-WT-5160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	29-Apr-22	10-May-22	15d
DG-SV-WT-5180	Design - UDEC - Water - Stakeholder Review Workshop	10d	29-Apr-22	13-May-22	12d
DG-SV-WT-5200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	16-May-22	17-May-22	12d
AFC Design Gate 3 (100%)		25d	18-May-22	21-Jun-22	12d
DG-SV-WT-5220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	18-May-22	31-May-22	12d
DG-SV-WT-5240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	01-Jun-22	09-Jun-22	15d
DG-SV-WT-5260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	01-Jun-22	14-Jun-22	12d
DG-SV-WT-5280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	15-Jun-22	21-Jun-22	12d
Sewer DP#2 (Zone 1E - 1I)		134d	24-Nov-21	21-Jun-22	64d
Design Development Concept (15%) / Application		20d	24-Nov-21	05-Jan-22	24d
DG-SV-SW-2000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	24-Nov-21	30-Nov-21	24d
DG-SV-SW-2020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	01-Dec-21	07-Dec-21	24d
DG-SV-SW-2040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	08-Dec-21	05-Jan-22	24d
Design Development Gate 1 (50%)		42d	13-Jan-22	14-Mar-22	19d
DG-SV-SW-2060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	13-Jan-22	24-Feb-22	19d
DG-SV-SW-2080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	25-Feb-22	07-Mar-22	22d
DG-SV-SW-2100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	25-Feb-22	10-Mar-22	19d
DG-SV-SW-2120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	11-Mar-22	14-Mar-22	19d
Design Development Gate 2 (85%)		42d	15-Mar-22	17-May-22	64d
DG-SV-SW-2140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	15-Mar-22	28-Apr-22	19d
DG-SV-SW-2160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	29-Apr-22	10-May-22	67d
DG-SV-SW-2180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	29-Apr-22	13-May-22	64d
DG-SV-SW-2200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	16-May-22	17-May-22	64d
AFC Design Gate 3 (100%)		25d	18-May-22	21-Jun-22	64d
DG-SV-SW-2220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	18-May-22	31-May-22	64d
DG-SV-SW-2240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	01-Jun-22	09-Jun-22	67d
DG-SV-SW-2260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	01-Jun-22	14-Jun-22	64d
DG-SV-SW-2280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	15-Jun-22	21-Jun-22	64d
Sewer DP#1 (Zone 1A - 1F)		139d	17-Nov-21	21-Jun-22	24d
Design Development Concept (15%) / Application		20d	17-Nov-21	14-Dec-21	29d
DG-SV-SW-1000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	17-Nov-21	23-Nov-21	24d
DG-SV-SW-1020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	24-Nov-21	30-Nov-21	29d
DG-SV-SW-1040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	01-Dec-21	14-Dec-21	29d
Design Development Gate 1 (50%)		42d	13-Jan-22	14-Mar-22	46d
DG-SV-SW-1060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	13-Jan-22	24-Feb-22	19d
DG-SV-SW-1080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	25-Feb-22	07-Mar-22	49d
DG-SV-SW-1100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	25-Feb-22	10-Mar-22	46d
DG-SV-SW-1120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	11-Mar-22	14-Mar-22	46d
Design Development Gate 2 (85%)		42d	15-Mar-22	17-May-22	24d
DG-SV-SW-1140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	15-Mar-22	28-Apr-22	19d
DG-SV-SW-1160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	29-Apr-22	10-May-22	27d
DG-SV-SW-1180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	29-Apr-22	13-May-22	24d
DG-SV-SW-1200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	16-May-22	17-May-22	24d
AFC Design Gate 3 (100%)		25d	18-May-22	21-Jun-22	24d
DG-SV-SW-1220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	18-May-22	31-May-22	24d
DG-SV-SW-1240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	01-Jun-22	09-Jun-22	27d
DG-SV-SW-1260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	01-Jun-22	14-Jun-22	24d
DG-SV-SW-1280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	15-Jun-22	21-Jun-22	24d
Design Group-4		217d	09-Sep-21	02-Aug-22	38d
Sewer DP#3 (Zone 1K - 2B)		139d	13-Jan-22	02-Aug-22	37d
Design Development Concept (15%) / Application		20d	13-Jan-22	10-Feb-22	29d
DG-SV-SW-3000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	13-Jan-22	19-Jan-22	29d
DG-SV-SW-3020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	20-Jan-22	27-Jan-22	29d
DG-SV-SW-3040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	28-Jan-22	10-Feb-22	29d
Design Development Gate 1 (50%)		42d	25-Feb-22	28-Apr-22	19d
DG-SV-SW-3060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	25-Feb-22	07-Apr-22	19d
DG-SV-SW-3080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	08-Apr-22	20-Apr-22	22d
DG-SV-SW-3100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	08-Apr-22	26-Apr-22	19d
DG-SV-SW-3120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	27-Apr-22	28-Apr-22	19d



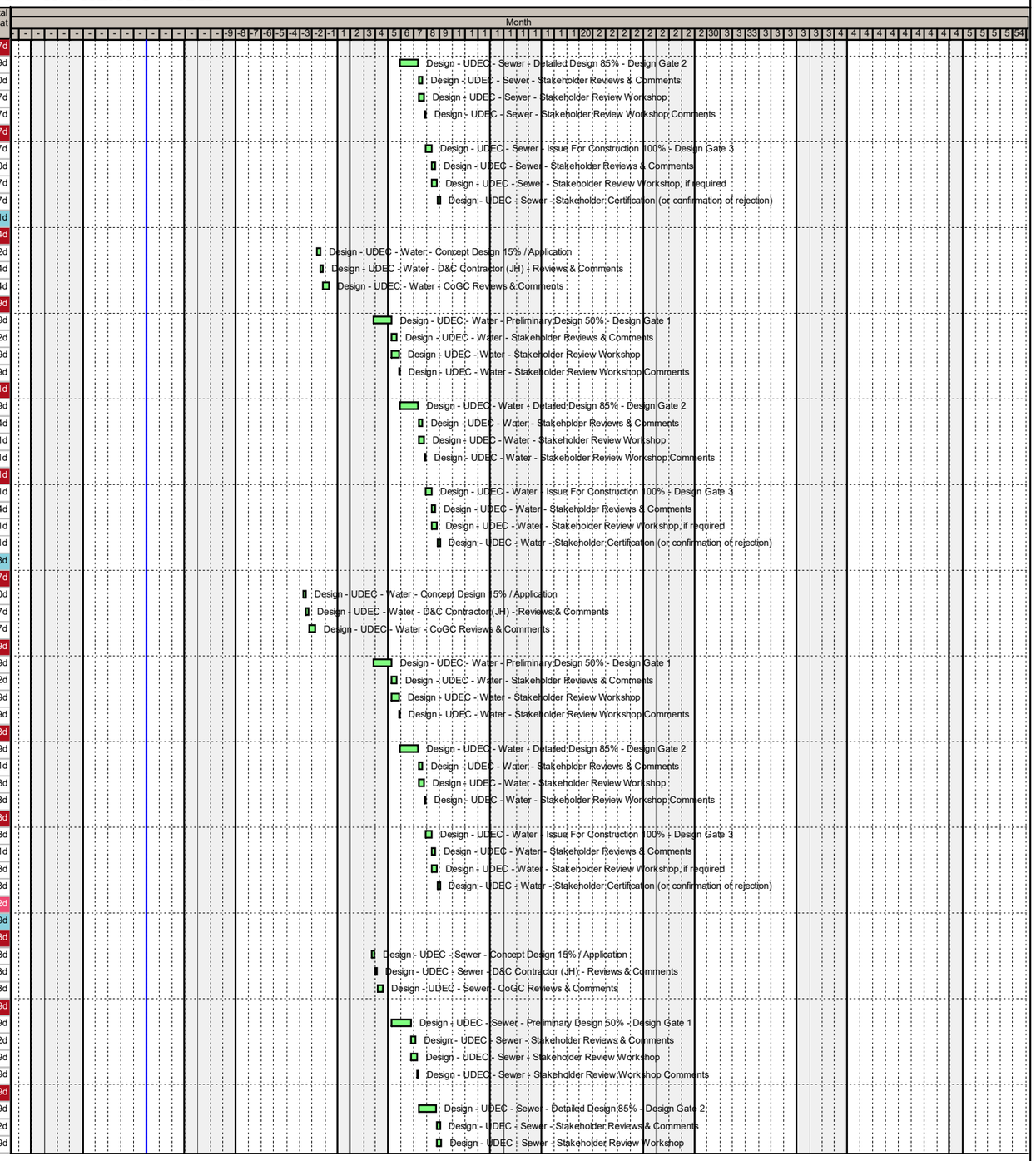
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JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Design Development Gate 2 (85%)		42d	29-Apr-22	28-Jun-22	37d
DG-SV-SW-3140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	29-Apr-22	10-Jun-22	19d
DG-SV-SW-3160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	13-Jun-22	21-Jun-22	40d
DG-SV-SW-3180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	13-Jun-22	24-Jun-22	37d
DG-SV-SW-3200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	27-Jun-22	28-Jun-22	37d
AFC Design Gate 3 (100%)		25d	29-Jun-22	02-Aug-22	37d
DG-SV-SW-3220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	29-Jun-22	12-Jul-22	37d
DG-SV-SW-3240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	13-Jul-22	21-Jul-22	40d
DG-SV-SW-3260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	13-Jul-22	26-Jul-22	37d
DG-SV-SW-3280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	27-Jul-22	02-Aug-22	37d
Water DP#8 (Zone 2D - 2I)		194d	13-Oct-21	02-Aug-22	31d
Design Development Concept (15%) / Application		20d	13-Oct-21	09-Nov-21	44d
DG-SV-WT-8000	Design - UDEC - Water - Concept Design 15% / Application	5d	13-Oct-21	19-Oct-21	12d
DG-SV-WT-8020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	20-Oct-21	26-Oct-21	44d
DG-SV-WT-8040	Design - UDEC - Water - CoGC Reviews & Comments	10d	27-Oct-21	09-Nov-21	44d
Design Development Gate 1 (50%)		42d	25-Feb-22	28-Apr-22	19d
DG-SV-WT-8060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	25-Feb-22	07-Apr-22	19d
DG-SV-WT-8080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	08-Apr-22	20-Apr-22	22d
DG-SV-WT-8100	Design - UDEC - Water - Stakeholder Review Workshop	10d	08-Apr-22	26-Apr-22	19d
DG-SV-WT-8120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	27-Apr-22	28-Apr-22	19d
Design Development Gate 2 (85%)		42d	29-Apr-22	28-Jun-22	31d
DG-SV-WT-8140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	29-Apr-22	10-Jun-22	19d
DG-SV-WT-8160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Jun-22	21-Jun-22	34d
DG-SV-WT-8180	Design - UDEC - Water - Stakeholder Review Workshop	10d	13-Jun-22	24-Jun-22	31d
DG-SV-WT-8200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	27-Jun-22	28-Jun-22	31d
AFC Design Gate 3 (100%)		25d	29-Jun-22	02-Aug-22	31d
DG-SV-WT-8220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	29-Jun-22	12-Jul-22	31d
DG-SV-WT-8240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Jul-22	21-Jul-22	34d
DG-SV-WT-8260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	13-Jul-22	26-Jul-22	31d
DG-SV-WT-8280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	27-Jul-22	02-Aug-22	31d
Water DP#6 (Zone 2A - 2C)		217d	09-Sep-21	02-Aug-22	38d
Design Development Concept (15%) / Application		20d	09-Sep-21	07-Oct-21	87d
DG-SV-WT-6000	Design - UDEC - Water - Concept Design 15% / Application	5d	09-Sep-21	15-Sep-21	30d
DG-SV-WT-6020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	16-Sep-21	22-Sep-21	87d
DG-SV-WT-6040	Design - UDEC - Water - CoGC Reviews & Comments	10d	23-Sep-21	07-Oct-21	87d
Design Development Gate 1 (50%)		42d	25-Feb-22	28-Apr-22	19d
DG-SV-WT-6060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	25-Feb-22	07-Apr-22	19d
DG-SV-WT-6080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	08-Apr-22	20-Apr-22	22d
DG-SV-WT-6100	Design - UDEC - Water - Stakeholder Review Workshop	10d	08-Apr-22	26-Apr-22	19d
DG-SV-WT-6120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	27-Apr-22	28-Apr-22	19d
Design Development Gate 2 (85%)		42d	29-Apr-22	28-Jun-22	38d
DG-SV-WT-6140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	29-Apr-22	10-Jun-22	19d
DG-SV-WT-6160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Jun-22	21-Jun-22	41d
DG-SV-WT-6180	Design - UDEC - Water - Stakeholder Review Workshop	10d	13-Jun-22	24-Jun-22	38d
DG-SV-WT-6200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	27-Jun-22	28-Jun-22	38d
AFC Design Gate 3 (100%)		25d	29-Jun-22	02-Aug-22	38d
DG-SV-WT-6220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	29-Jun-22	12-Jul-22	38d
DG-SV-WT-6240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Jul-22	21-Jul-22	41d
DG-SV-WT-6260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	13-Jul-22	26-Jul-22	38d
DG-SV-WT-6280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	27-Jul-22	02-Aug-22	38d
Design Group-5		189d	01-Dec-21	14-Sep-22	22d
Sewer DP#4 (Zone 2C - 2I)		143d	21-Feb-22	14-Sep-22	19d
Design Development Concept (15%) / Application		20d	21-Feb-22	18-Mar-22	33d
DG-SV-SW-4000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	21-Feb-22	25-Feb-22	33d
DG-SV-SW-4020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	28-Feb-22	04-Mar-22	33d
DG-SV-SW-4040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	07-Mar-22	18-Mar-22	33d
Design Development Gate 1 (50%)		42d	08-Apr-22	10-Jun-22	19d
DG-SV-SW-4060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	08-Apr-22	25-May-22	19d
DG-SV-SW-4080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	26-May-22	03-Jun-22	22d
DG-SV-SW-4100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	26-May-22	08-Jun-22	19d
DG-SV-SW-4120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	09-Jun-22	10-Jun-22	19d
Design Development Gate 2 (85%)		42d	13-Jun-22	09-Aug-22	19d
DG-SV-SW-4140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	13-Jun-22	22-Jul-22	19d
DG-SV-SW-4160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	25-Jul-22	02-Aug-22	22d
DG-SV-SW-4180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	25-Jul-22	05-Aug-22	19d



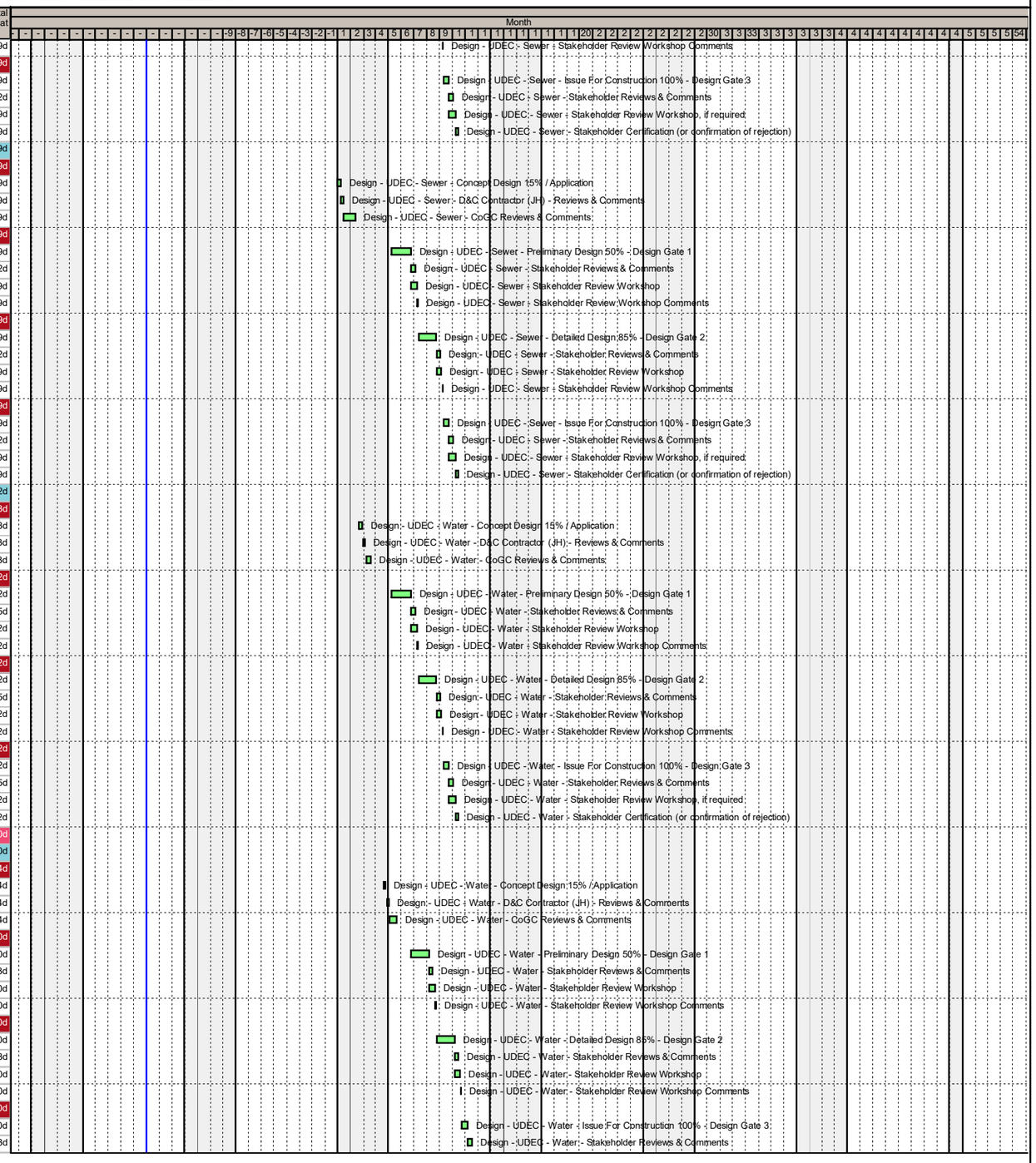
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-SV-SW-4200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	08-Aug-22	09-Aug-22	19d
AFC Design Gate 3 (100%)		25d	10-Aug-22	14-Sep-22	19d
DG-SV-SW-4220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	10-Aug-22	23-Aug-22	19d
DG-SV-SW-4240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	24-Aug-22	02-Sep-22	22d
DG-SV-SW-4260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	24-Aug-22	07-Sep-22	19d
DG-SV-SW-4280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	08-Sep-22	14-Sep-22	19d
Sewer DP#6 (Zone 1H - 2G)		189d	01-Dec-21	14-Sep-22	19d
Design Development Concept (15%) / Application		20d	01-Dec-21	12-Jan-22	29d
DG-SV-SW-6000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	01-Dec-21	07-Dec-21	29d
DG-SV-SW-6020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	08-Dec-21	14-Dec-21	29d
DG-SV-SW-6040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	15-Dec-21	12-Jan-22	29d
Design Development Gate 1 (50%)		42d	08-Apr-22	10-Jun-22	19d
DG-SV-SW-6060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	08-Apr-22	25-May-22	19d
DG-SV-SW-6080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	26-May-22	03-Jun-22	22d
DG-SV-SW-6100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	26-May-22	08-Jun-22	19d
DG-SV-SW-6120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	09-Jun-22	10-Jun-22	19d
Design Development Gate 2 (85%)		42d	13-Jun-22	09-Aug-22	19d
DG-SV-SW-6140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	13-Jun-22	22-Jul-22	19d
DG-SV-SW-6160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	25-Jul-22	02-Aug-22	22d
DG-SV-SW-6180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	25-Jul-22	05-Aug-22	19d
DG-SV-SW-6200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	08-Aug-22	09-Aug-22	19d
AFC Design Gate 3 (100%)		25d	10-Aug-22	14-Sep-22	19d
DG-SV-SW-6220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	10-Aug-22	23-Aug-22	19d
DG-SV-SW-6240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	24-Aug-22	02-Sep-22	22d
DG-SV-SW-6260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	24-Aug-22	07-Sep-22	19d
DG-SV-SW-6280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	08-Sep-22	14-Sep-22	19d
Water DP#7 (Zone 2D, 2E, 2F)		163d	21-Jan-22	14-Sep-22	22d
Design Development Concept (15%) / Application		20d	21-Jan-22	18-Feb-22	33d
DG-SV-WT-7000	Design - UDEC - Water - Concept Design 15% / Application	5d	21-Jan-22	28-Jan-22	33d
DG-SV-WT-7020	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	31-Jan-22	04-Feb-22	33d
DG-SV-WT-7040	Design - UDEC - Water - CoGC Reviews & Comments	10d	07-Feb-22	18-Feb-22	33d
Design Development Gate 1 (50%)		42d	08-Apr-22	10-Jun-22	22d
DG-SV-WT-7060	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	08-Apr-22	25-May-22	22d
DG-SV-WT-7080	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	26-May-22	03-Jun-22	25d
DG-SV-WT-7100	Design - UDEC - Water - Stakeholder Review Workshop	10d	26-May-22	08-Jun-22	22d
DG-SV-WT-7120	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	09-Jun-22	10-Jun-22	22d
Design Development Gate 2 (85%)		42d	13-Jun-22	09-Aug-22	22d
DG-SV-WT-7140	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	13-Jun-22	22-Jul-22	22d
DG-SV-WT-7160	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	25-Jul-22	02-Aug-22	25d
DG-SV-WT-7180	Design - UDEC - Water - Stakeholder Review Workshop	10d	25-Jul-22	05-Aug-22	22d
DG-SV-WT-7200	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	08-Aug-22	09-Aug-22	22d
AFC Design Gate 3 (100%)		25d	10-Aug-22	14-Sep-22	22d
DG-SV-WT-7220	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	10-Aug-22	23-Aug-22	22d
DG-SV-WT-7240	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	24-Aug-22	02-Sep-22	25d
DG-SV-WT-7260	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	24-Aug-22	07-Sep-22	22d
DG-SV-WT-7280	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	08-Sep-22	14-Sep-22	22d
Design Group-6		153d	21-Mar-22	27-Oct-22	120d
Water DP#10 (Zone 2A Miami Shore Pde)		153d	21-Mar-22	27-Oct-22	120d
Design Development Concept (15%) / Application		20d	21-Mar-22	19-Apr-22	144d
DG-SV-WT-10000	Design - UDEC - Water - Concept Design 15% / Application	5d	21-Mar-22	25-Mar-22	144d
DG-SV-WT-10010	Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	28-Mar-22	01-Apr-22	144d
DG-SV-WT-10030	Design - UDEC - Water - CoGC Reviews & Comments	10d	04-Apr-22	19-Apr-22	144d
Design Development Gate 1 (50%)		42d	26-May-22	22-Jul-22	120d
DG-SV-WT-10050	Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	26-May-22	06-Jul-22	120d
DG-SV-WT-10070	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	07-Jul-22	15-Jul-22	123d
DG-SV-WT-10090	Design - UDEC - Water - Stakeholder Review Workshop	10d	07-Jul-22	20-Jul-22	120d
DG-SV-WT-10110	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	21-Jul-22	22-Jul-22	120d
Design Development Gate 2 (85%)		42d	25-Jul-22	21-Sep-22	120d
DG-SV-WT-10130	Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	25-Jul-22	05-Sep-22	120d
DG-SV-WT-10150	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	06-Sep-22	14-Sep-22	123d
DG-SV-WT-10170	Design - UDEC - Water - Stakeholder Review Workshop	10d	06-Sep-22	19-Sep-22	120d
DG-SV-WT-10190	Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	20-Sep-22	21-Sep-22	120d
AFC Design Gate 3 (100%)		25d	22-Sep-22	27-Oct-22	120d
DG-SV-WT-10210	Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	22-Sep-22	06-Oct-22	120d
DG-SV-WT-10230	Design - UDEC - Water - Stakeholder Reviews & Comments	7d	07-Oct-22	17-Oct-22	123d



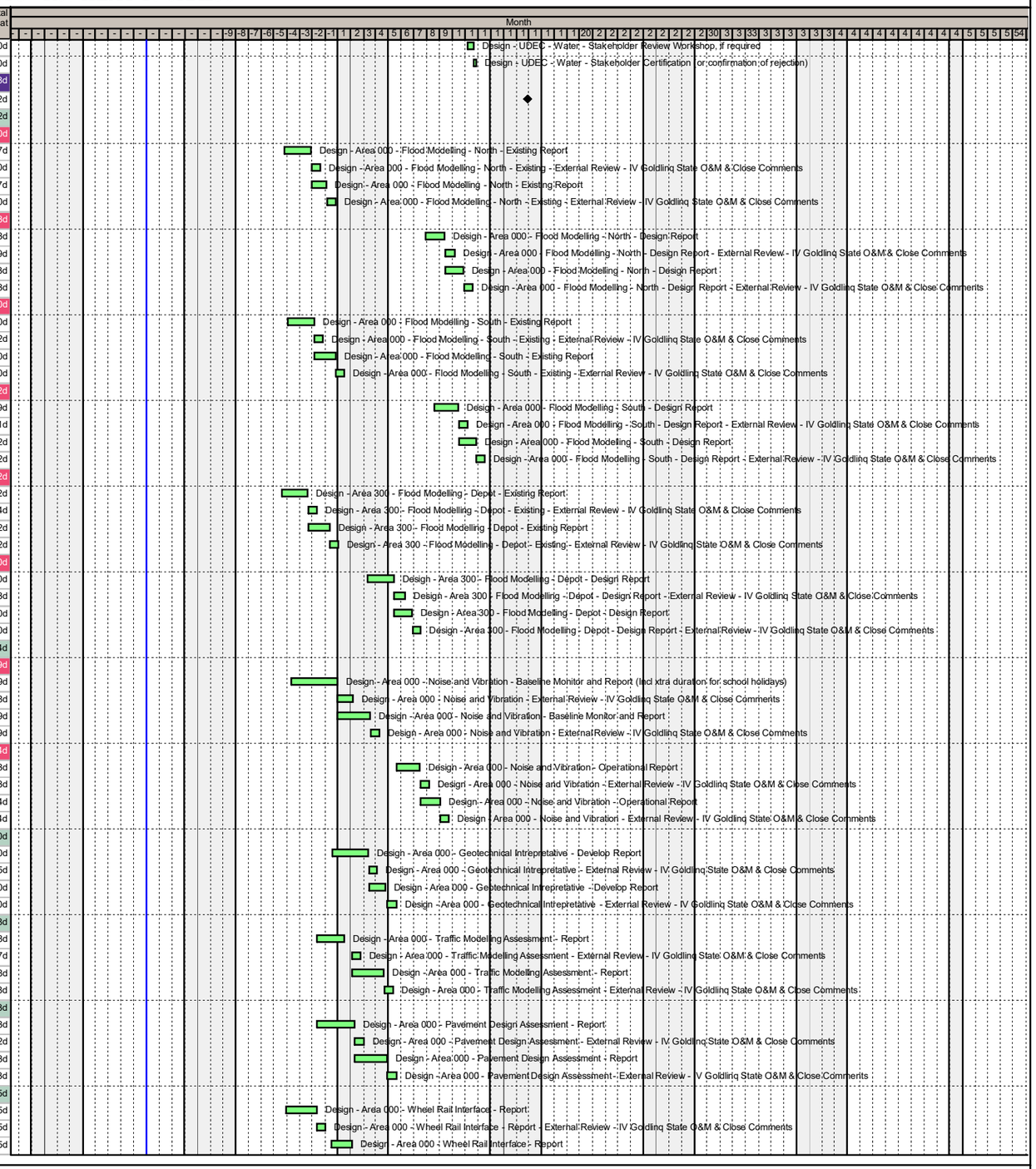
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-SV-WT-10250	Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	07-Oct-22	20-Oct-22	120d
DG-SV-WT-10270	Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	21-Oct-22	27-Oct-22	120d
Area 000 - Project Wide		449d	20-Jul-21	26-May-23	698d
DG-MS-1000	Design - Detail Complete	0d		27-Feb-23	372d
Flood Modelling		328d	20-Jul-21	17-Nov-22	622d
Flood Modelling - North - Existing Report		86d	27-Jul-21	25-Nov-21	670d
DG-000-FM-1000	Design - Area 000 - Flood Modelling - North - Existing Report	45d	27-Jul-21	28-Sep-21	37d
DG-000-FM-1020	Design - Area 000 - Flood Modelling - North - Existing - External Review - IV Goldlinq State O&M & Close Comr	15d	29-Sep-21	20-Oct-21	40d
DG-000-FM-1040	Design - Area 000 - Flood Modelling - North - Existing Report	26d	29-Sep-21	04-Nov-21	37d
DG-000-FM-1060	Design - Area 000 - Flood Modelling - North - Existing - External Review - IV Goldlinq State O&M & Close Comr	15d	05-Nov-21	25-Nov-21	670d
Flood Modelling - North - Design Report		79d	29-Jun-22	19-Oct-22	643d
DG-000-FM-2000	Design - Area 000 - Flood Modelling - North - Design Report	33d	29-Jun-22	12-Aug-22	643d
DG-000-FM-2020	Design - Area 000 - Flood Modelling - North - Design Report - External Review - IV Goldlinq State O&M & Close	15d	15-Aug-22	05-Sep-22	649d
DG-000-FM-2040	Design - Area 000 - Flood Modelling - North - Design Report	31d	15-Aug-22	27-Sep-22	643d
DG-000-FM-2060	Design - Area 000 - Flood Modelling - North - Design Report - External Review - IV Goldlinq State O&M & Close	15d	28-Sep-22	19-Oct-22	643d
Flood Modelling - South - Existing Report		96d	03-Aug-21	16-Dec-21	40d
DG-000-FM-3000	Design - Area 000 - Flood Modelling - South - Existing Report	44d	03-Aug-21	05-Oct-21	40d
DG-000-FM-3020	Design - Area 000 - Flood Modelling - South - Existing - External Review - IV Goldlinq State O&M & Close Comr	15d	06-Oct-21	26-Oct-21	52d
DG-000-FM-3040	Design - Area 000 - Flood Modelling - South - Existing Report	37d	06-Oct-21	25-Nov-21	40d
DG-000-FM-3060	Design - Area 000 - Flood Modelling - South - Existing - External Review - IV Goldlinq State O&M & Close Comr	15d	26-Nov-21	16-Dec-21	40d
Flood Modelling - South - Design Report		86d	19-Jul-22	17-Nov-22	622d
DG-000-FM-4000	Design - Area 000 - Flood Modelling - South - Design Report	42d	19-Jul-22	15-Sep-22	349d
DG-000-FM-4020	Design - Area 000 - Flood Modelling - South - Design Report - External Review - IV Goldlinq State O&M & Close	15d	16-Sep-22	07-Oct-22	631d
DG-000-FM-4040	Design - Area 000 - Flood Modelling - South - Design Report	29d	16-Sep-22	27-Oct-22	622d
DG-000-FM-4060	Design - Area 000 - Flood Modelling - South - Design Report - External Review - IV Goldlinq State O&M & Close	15d	28-Oct-22	17-Nov-22	622d
Flood Modelling - Depot - Existing Report		96d	20-Jul-21	02-Dec-21	192d
DG-000-FM-5000	Design - Area 300 - Flood Modelling - Depot - Existing Report	44d	20-Jul-21	20-Sep-21	192d
DG-000-FM-5020	Design - Area 300 - Flood Modelling - Depot - Existing - External Review - IV Goldlinq State O&M & Close Comr	15d	21-Sep-21	12-Oct-21	204d
DG-000-FM-5040	Design - Area 300 - Flood Modelling - Depot - Existing Report	37d	21-Sep-21	11-Nov-21	192d
DG-000-FM-5060	Design - Area 300 - Flood Modelling - Depot - Existing - External Review - IV Goldlinq State O&M & Close Comr	15d	12-Nov-21	02-Dec-21	192d
Flood Modelling - Depot - Design Report		88d	10-Feb-22	17-Jun-22	340d
DG-000-FM-6000	Design - Area 300 - Flood Modelling - Depot - Design Report	45d	10-Feb-22	13-Apr-22	340d
DG-000-FM-6020	Design - Area 300 - Flood Modelling - Depot - Design Report - External Review - IV Goldlinq State O&M & Clos	15d	14-Apr-22	10-May-22	343d
DG-000-FM-6040	Design - Area 300 - Flood Modelling - Depot - Design Report	28d	14-Apr-22	27-May-22	340d
DG-000-FM-6060	Design - Area 300 - Flood Modelling - Depot - Design Report - External Review - IV Goldlinq State O&M & Clos	15d	30-May-22	17-Jun-22	340d
Noise and Vibration		251d	12-Aug-21	23-Aug-22	164d
Noise and Vibration - Baseline Report		136d	12-Aug-21	09-Mar-22	149d
DG-000-NV-1000	Design - Area 000 - Noise and Vibration - Baseline Monitor and Report (Incl xtra duration for school holidays)	77d	12-Aug-21	30-Nov-21	149d
DG-000-NV-1020	Design - Area 000 - Noise and Vibration - External Review - IV Goldlinq State O&M & Close Comments	15d	01-Dec-21	05-Jan-22	168d
DG-000-NV-1040	Design - Area 000 - Noise and Vibration - Baseline Monitor and Report	44d	01-Dec-21	16-Feb-22	149d
DG-000-NV-1060	Design - Area 000 - Noise and Vibration - External Review - IV Goldlinq State O&M & Close Comments	15d	17-Feb-22	09-Mar-22	149d
Noise and Vibration - Operational Report		88d	20-Apr-22	23-Aug-22	164d
DG-000-NV-2000	Design - Area 000 - Noise and Vibration - Operational Report	39d	20-Apr-22	15-Jun-22	133d
DG-000-NV-2020	Design - Area 000 - Noise and Vibration - External Review - IV Goldlinq State O&M & Close Comments	15d	16-Jun-22	06-Jul-22	173d
DG-000-NV-2040	Design - Area 000 - Noise and Vibration - Operational Report	34d	16-Jun-22	02-Aug-22	164d
DG-000-NV-2060	Design - Area 000 - Noise and Vibration - External Review - IV Goldlinq State O&M & Close Comments	15d	03-Aug-22	23-Aug-22	164d
Geotechnical Interpretative Report		95d	18-Nov-21	19-Apr-22	90d
DG-000-GT-1000	Design - Area 000 - Geotechnical Intrepretative - Develop Report	50d	18-Nov-21	11-Feb-22	90d
DG-000-GT-1020	Design - Area 000 - Geotechnical Intrepretative - External Review - IV Goldlinq State O&M & Close Comments	15d	14-Feb-22	04-Mar-22	95d
DG-000-GT-1040	Design - Area 000 - Geotechnical Intrepretative - Develop Report	30d	14-Feb-22	25-Mar-22	90d
DG-000-GT-1060	Design - Area 000 - Geotechnical Intrepretative - External Review - IV Goldlinq State O&M & Close Comments	15d	28-Mar-22	19-Apr-22	90d
Traffic Modelling Assessment Report		117d	13-Oct-21	11-Apr-22	108d
DG-000-TM-1000	Design - Area 000 - Traffic Modelling Assessment - Report	48d	13-Oct-21	17-Dec-21	108d
DG-000-TM-1020	Design - Area 000 - Traffic Modelling Assessment - External Review - IV Goldlinq State O&M & Close Comment	15d	04-Jan-22	24-Jan-22	137d
DG-000-TM-1040	Design - Area 000 - Traffic Modelling Assessment - Report	54d	04-Jan-22	21-Mar-22	108d
DG-000-TM-1060	Design - Area 000 - Traffic Modelling Assessment - External Review - IV Goldlinq State O&M & Close Comment	15d	22-Mar-22	11-Apr-22	108d
Pavement Design Assessment Report		122d	13-Oct-21	20-Apr-22	103d
DG-000-PD-1000	Design - Area 000 - Pavement Design Assessment - Report	53d	13-Oct-21	10-Jan-22	103d
DG-000-PD-1020	Design - Area 000 - Pavement Design Assessment - External Review - IV Goldlinq State O&M & Close Commer	15d	11-Jan-22	01-Feb-22	132d
DG-000-PD-1040	Design - Area 000 - Pavement Design Assessment - Report	54d	11-Jan-22	28-Mar-22	103d
DG-000-PD-1060	Design - Area 000 - Pavement Design Assessment - External Review - IV Goldlinq State O&M & Close Commer	15d	29-Mar-22	20-Apr-22	103d
Wheel Rail Interface - Report		115d	30-Jul-21	25-Jan-22	245d
DG-000-WR-1000	Design - Area 000 - Wheel Rail Interface - Report	50d	30-Jul-21	11-Oct-21	245d
DG-000-WR-1020	Design - Area 000 - Wheel Rail Interface - Report - External Review - IV Goldlinq State O&M & Close Commen	15d	12-Oct-21	01-Nov-21	245d
DG-000-WR-1040	Design - Area 000 - Wheel Rail Interface - Report	25d	16-Nov-21	04-Jan-22	245d



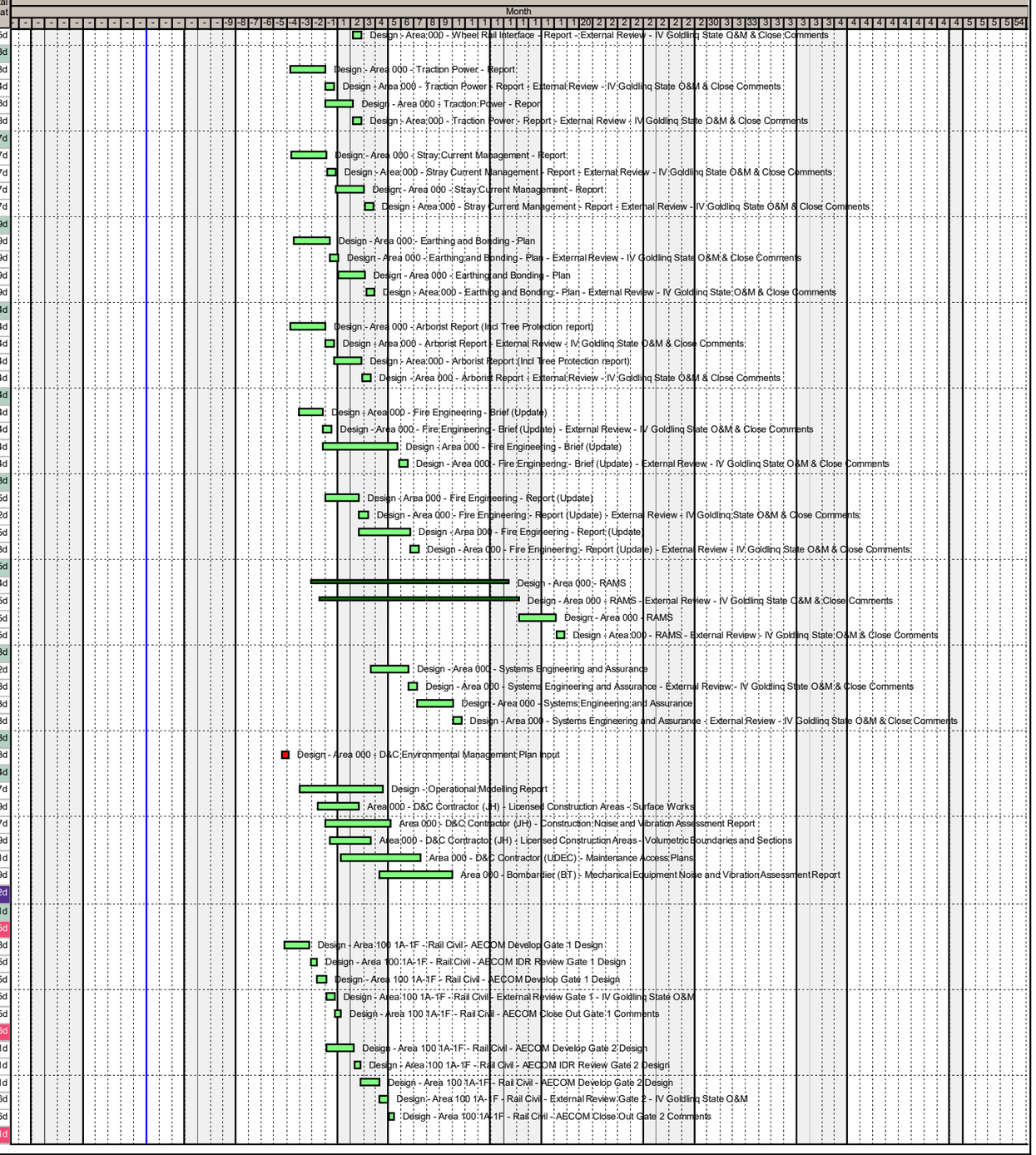
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-000-WR-1060	Design - Area 000 - Wheel Rail Interface - Report - External Review - IV Goldlinq State O&M & Close Commen	15d	05-Jan-22	25-Jan-22	245d
Traction Power - Report		110d	09-Aug-21	27-Jan-22	68d
DG-000-TP-1000	Design - Area 000 - Traction Power - Report	59d	09-Aug-21	01-Nov-21	68d
DG-000-TP-1020	Design - Area 000 - Traction Power - Report - External Review - IV Goldlinq State O&M & Close Comments	15d	02-Nov-21	22-Nov-21	74d
DG-000-TP-1040	Design - Area 000 - Traction Power - Report	36d	02-Nov-21	05-Jan-22	68d
DG-000-TP-1060	Design - Area 000 - Traction Power - Report - External Review - IV Goldlinq State O&M & Close Comments	15d	06-Jan-22	27-Jan-22	68d
Stray Current Management - Report		127d	11-Aug-21	23-Feb-22	127d
DG-000-SC-1000	Design - Area 000 - Stray Current Management - Report	60d	11-Aug-21	04-Nov-21	127d
DG-000-SC-1020	Design - Area 000 - Stray Current Management - Report - External Review - IV Goldlinq State O&M & Close Cc	15d	05-Nov-21	25-Nov-21	127d
DG-000-SC-1040	Design - Area 000 - Stray Current Management - Report	37d	26-Nov-21	02-Feb-22	127d
DG-000-SC-1060	Design - Area 000 - Stray Current Management - Report - External Review - IV Goldlinq State O&M & Close Cc	15d	03-Feb-22	23-Feb-22	127d
Earthing and Bonding Plan		124d	18-Aug-21	25-Feb-22	189d
DG-000-EB-1000	Design - Area 000 - Earthing and Bonding - Plan	60d	18-Aug-21	11-Nov-21	189d
DG-000-EB-1020	Design - Area 000 - Earthing and Bonding - Plan - External Review - IV Goldlinq State O&M & Close Comments	15d	12-Nov-21	02-Dec-21	189d
DG-000-EB-1040	Design - Area 000 - Earthing and Bonding - Plan	34d	03-Dec-21	04-Feb-22	189d
DG-000-EB-1060	Design - Area 000 - Earthing and Bonding - Plan - External Review - IV Goldlinq State O&M & Close Comments	15d	07-Feb-22	25-Feb-22	189d
Arborist Report (Incl Tree Protection Report)		125d	09-Aug-21	17-Feb-22	384d
DG-000-LS-1000	Design - Area 000 - Arborist Report (Incl Tree Protection report)	59d	09-Aug-21	01-Nov-21	384d
DG-000-LS-1020	Design - Area 000 - Arborist Report - External Review - IV Goldlinq State O&M & Close Comments	15d	02-Nov-21	22-Nov-21	384d
DG-000-LS-1040	Design - Area 000 - Arborist Report (Incl Tree Protection report)	36d	23-Nov-21	27-Jan-22	384d
DG-000-LS-1060	Design - Area 000 - Arborist Report - External Review - IV Goldlinq State O&M & Close Comments	15d	28-Jan-22	17-Feb-22	384d
Fire Engineering Brief - Depot (Update)		170d	30-Aug-21	17-May-22	234d
DG-000-FE-1000	Design - Area 000 - Fire Engineering - Brief (Update)	40d	30-Aug-21	25-Oct-21	234d
DG-000-FE-1020	Design - Area 000 - Fire Engineering - Brief (Update) - External Review - IV Goldlinq State O&M & Close Comn	15d	26-Oct-21	15-Nov-21	324d
DG-000-FE-1040	Design - Area 000 - Fire Engineering - Brief (Update)	115d	26-Oct-21	22-Apr-22	234d
DG-000-FE-1060	Design - Area 000 - Fire Engineering - Brief (Update) - External Review - IV Goldlinq State O&M & Close Comn	15d	26-Apr-22	17-May-22	234d
Fire Engineering Report - Depot (Update)		145d	01-Nov-21	13-Jun-22	908d
DG-000-FE-2000	Design - Area 000 - Fire Engineering - Report (Update)	48d	01-Nov-21	20-Jan-22	255d
DG-000-FE-2020	Design - Area 000 - Fire Engineering - Report (Update) - External Review - IV Goldlinq State O&M & Close Cor	15d	21-Jan-22	11-Feb-22	312d
DG-000-FE-2040	Design - Area 000 - Fire Engineering - Report (Update)	82d	21-Jan-22	23-May-22	255d
DG-000-FE-2060	Design - Area 000 - Fire Engineering - Report (Update) - External Review - IV Goldlinq State O&M & Close Cor	15d	24-May-22	13-Jun-22	908d
Reliability, Availability, Maintainability and Safety (RAMs) Annex 5 Part 1 cl 2.3		401d	27-Sep-21	26-May-23	515d
DG-000-RM-1000	Design - Area 000 - RAMS	311d	27-Sep-21	13-Jan-23	84d
DG-000-RM-1020	Design - Area 000 - RAMS - External Review - IV Goldlinq State O&M & Close Comments	311d	19-Oct-21	06-Feb-23	515d
DG-000-RM-1040	Design - Area 000 - RAMS	60d	07-Feb-23	05-May-23	515d
DG-000-RM-1060	Design - Area 000 - RAMS - External Review - IV Goldlinq State O&M & Close Comments	15d	08-May-23	26-May-23	515d
System Engineering and Assurance		150d	18-Feb-22	22-Sep-22	823d
DG-000-SEA-3100	Design - Area 000 - Systems Engineering and Assurance	60d	18-Feb-22	18-May-22	562d
DG-000-SEA-3120	Design - Area 000 - Systems Engineering and Assurance - External Review - IV Goldlinq State O&M & Close Cc	15d	19-May-22	08-Jun-22	823d
DG-000-SEA-3140	Design - Area 000 - Systems Engineering and Assurance	60d	09-Jun-22	01-Sep-22	823d
DG-000-SEA-3160	Design - Area 000 - Systems Engineering and Assurance - External Review - IV Goldlinq State O&M & Close Cc	15d	02-Sep-22	22-Sep-22	823d
Environmental Design		14d	20-Jul-21	06-Aug-21	3d
DG-000-MP-4900	Design - Area 000 - D&C Environmental Management Plan Input	14d	20-Jul-21	06-Aug-21	3d
Technical Reports		243d	01-Sep-21	31-Aug-22	874d
DG-000-OM-1360	Design - Operational Modelling Report	130d	01-Sep-21	18-Mar-22	987d
DG-000-LCA-9610	Area 000 - D&C Contractor (JH) - Licensed Construction Areas - Surface Works	60d	14-Oct-21	20-Jan-22	419d
DG-000-NV-8300	Area 000 - D&C Contractor (JH) - Construction Noise and Vibration Assessment Report	100d	02-Nov-21	06-Apr-22	207d
DG-000-LCA-9590	Area 000 - D&C Contractor (JH) - Licensed Construction Areas - Volumetric Boundaries and Sections	60d	11-Nov-21	18-Feb-22	399d
DG-000-SV-9580	Area 000 - D&C Contractor (UDEC) - Maintenance Access Plans	120d	09-Dec-21	16-Jun-22	541d
DG-000-NV-8200	Area 000 - Bombardier (BT) - Mechanical Equipment Noise and Vibration Assessment Report	120d	10-Mar-22	31-Aug-22	149d
Area 100 - Broadbeach to Heron Ave (Ch 33,350 - 35,500)		375d	27-Jul-21	14-Feb-23	252d
Area 100 - Zone 1A to 1F - Rail Civil		252d	27-Jul-21	08-Aug-22	111d
Design Development Gate 1 - 70%		95d	27-Jul-21	08-Dec-21	45d
DG-100-RaC-1000	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 1 Design	43d	27-Jul-21	24-Sep-21	38d
DG-100-RaC-1020	Design - Area 100 1A-1F - Rail Civil - AECOM IDR Review Gate 1 Design	11d	27-Sep-21	12-Oct-21	45d
DG-100-RaC-1040	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 1 Design	16d	13-Oct-21	03-Nov-21	45d
DG-100-RaC-1060	Design - Area 100 1A-1F - Rail Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	04-Nov-21	24-Nov-21	45d
DG-100-RaC-1080	Design - Area 100 1A-1F - Rail Civil - AECOM Close Out Gate 1 Comments	10d	25-Nov-21	08-Dec-21	45d
Design Development Gate 2		103d	04-Nov-21	13-Apr-22	116d
DG-100-RaC-2000	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 2 Design	36d	04-Nov-21	07-Jan-22	111d
DG-100-RaC-2020	Design - Area 100 1A-1F - Rail Civil - AECOM IDR Review Gate 2 Design	11d	10-Jan-22	24-Jan-22	111d
DG-100-RaC-2040	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 2 Design	32d	25-Jan-22	10-Mar-22	111d
DG-100-RaC-2060	Design - Area 100 1A-1F - Rail Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	11-Mar-22	31-Mar-22	116d
DG-100-RaC-2080	Design - Area 100 1A-1F - Rail Civil - AECOM Close Out Gate 2 Comments	9d	01-Apr-22	13-Apr-22	116d
Design Development Gate 3 - AFC		103d	11-Mar-22	08-Aug-22	111d



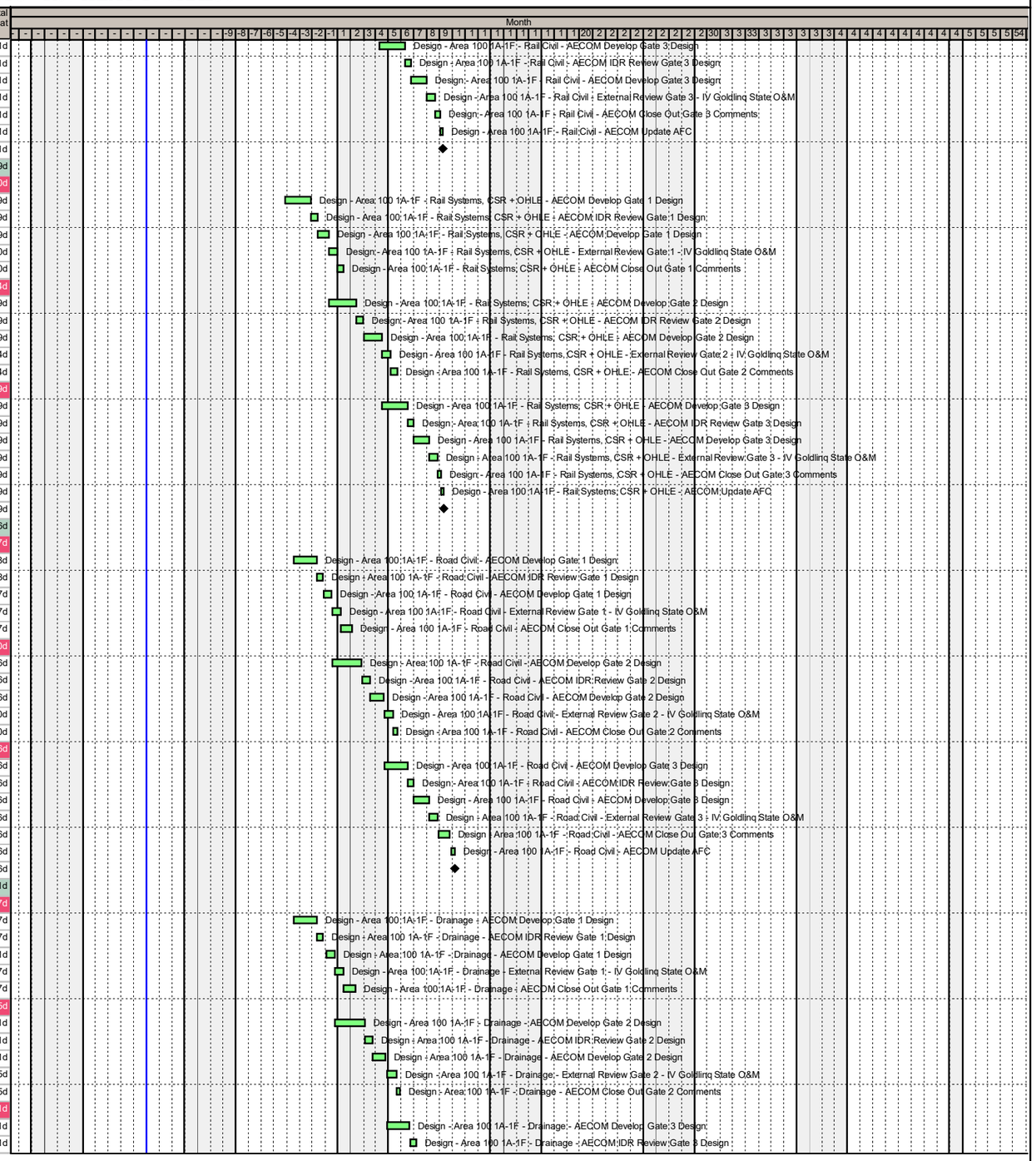
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-100-RaC-3000	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 3 Design	39d	11-Mar-22	10-May-22	111d
DG-100-RaC-3020	Design - Area 100 1A-1F - Rail Civil - AECOM IDR Review Gate 3 Design	11d	11-May-22	25-May-22	111d
DG-100-RaC-3040	Design - Area 100 1A-1F - Rail Civil - AECOM Develop Gate 3 Design	26d	26-May-22	30-Jun-22	111d
DG-100-RaC-3060	Design - Area 100 1A-1F - Rail Civil - External Review Gate 3 - IV Goldlinq State O&M	15d	01-Jul-22	21-Jul-22	111d
DG-100-RaC-3080	Design - Area 100 1A-1F - Rail Civil - AECOM Close Out Gate 3 Comments	8d	22-Jul-22	02-Aug-22	111d
DG-100-RaC-3100	Design - Area 100 1A-1F - Rail Civil - AECOM Update AFC	4d	03-Aug-22	08-Aug-22	111d
DG-100-RaC-3120	Design - Area 100 1A-1F - Rail Civil - AECOM Issue AFC	0d		08-Aug-22	111d
Area 100 - Zone 1A to 1F - Rail Syatems, CSR+ OHLE		253d	28-Jul-21	10-Aug-22	109d
Design Development Gate 1 - 70%		98d	28-Jul-21	14-Dec-21	110d
DG-100-RaS-1000	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 1 Design	43d	28-Jul-21	27-Sep-21	109d
DG-100-RaS-1020	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 1 Design	11d	28-Sep-21	13-Oct-21	109d
DG-100-RaS-1040	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 1 Design	19d	14-Oct-21	09-Nov-21	109d
DG-100-RaS-1060	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - External Review Gate 1 - IV Goldlinq State O&M	15d	10-Nov-21	30-Nov-21	110d
DG-100-RaS-1080	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Close Out Gate 1 Comments	10d	01-Dec-21	14-Dec-21	110d
Design Development Gate 2		103d	10-Nov-21	21-Apr-22	114d
DG-100-RaS-2000	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 2 Design	36d	10-Nov-21	13-Jan-22	109d
DG-100-RaS-2020	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 2 Design	11d	14-Jan-22	31-Jan-22	109d
DG-100-RaS-2040	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 2 Design	32d	01-Feb-22	16-Mar-22	109d
DG-100-RaS-2060	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - External Review Gate 2 - IV Goldlinq State O&M	15d	17-Mar-22	06-Apr-22	114d
DG-100-RaS-2080	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Close Out Gate 2 Comments	9d	07-Apr-22	21-Apr-22	114d
Design Development Gate 3 - AFC		101d	17-Mar-22	10-Aug-22	109d
DG-100-RaS-3000	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 3 Design	39d	17-Mar-22	16-May-22	109d
DG-100-RaS-3020	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 3 Design	11d	17-May-22	31-May-22	109d
DG-100-RaS-3040	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Develop Gate 3 Design	26d	01-Jun-22	06-Jul-22	109d
DG-100-RaS-3060	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - External Review Gate 3 - IV Goldlinq State O&M	15d	07-Jul-22	27-Jul-22	109d
DG-100-RaS-3080	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Close Out Gate 3 Comments	6d	28-Jul-22	04-Aug-22	109d
DG-100-RaS-3100	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Update AFC	4d	05-Aug-22	10-Aug-22	109d
DG-100-RaS-3120	Design - Area 100 1A-1F - Rail Systems, CSR + OHLE - AECOM Issue AFC	0d		10-Aug-22	109d
Area 100 - Zone 1A to 1F - Road Civil		255d	18-Aug-21	05-Sep-22	76d
Design Development Gate 1 - 70%		87d	18-Aug-21	04-Jan-22	37d
DG-100-RoC-1000	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 1 Design	38d	18-Aug-21	12-Oct-21	38d
DG-100-RoC-1020	Design - Area 100 1A-1F - Road Civil - AECOM IDR Review Gate 1 Design	10d	13-Oct-21	26-Oct-21	38d
DG-100-RoC-1040	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 1 Design	14d	28-Oct-21	16-Nov-21	37d
DG-100-RoC-1060	Design - Area 100 1A-1F - Road Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	17-Nov-21	07-Dec-21	37d
DG-100-RoC-1080	Design - Area 100 1A-1F - Road Civil - AECOM Close Out Gate 1 Comments	9d	08-Dec-21	04-Jan-22	37d
Design Development Gate 2		99d	17-Nov-21	22-Apr-22	80d
DG-100-RoC-2000	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 2 Design	40d	17-Nov-21	27-Jan-22	76d
DG-100-RoC-2020	Design - Area 100 1A-1F - Road Civil - AECOM IDR Review Gate 2 Design	13d	28-Jan-22	15-Feb-22	76d
DG-100-RoC-2040	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 2 Design	24d	16-Feb-22	21-Mar-22	76d
DG-100-RoC-2060	Design - Area 100 1A-1F - Road Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	22-Mar-22	11-Apr-22	80d
DG-100-RoC-2080	Design - Area 100 1A-1F - Road Civil - AECOM Close Out Gate 2 Comments	7d	12-Apr-22	22-Apr-22	80d
Design Development Gate 3 - AFC		115d	22-Mar-22	05-Sep-22	76d
DG-100-RoC-3000	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 3 Design	36d	22-Mar-22	16-May-22	76d
DG-100-RoC-3020	Design - Area 100 1A-1F - Road Civil - AECOM IDR Review Gate 3 Design	11d	17-May-22	31-May-22	76d
DG-100-RoC-3040	Design - Area 100 1A-1F - Road Civil - AECOM Develop Gate 3 Design	27d	01-Jun-22	07-Jul-22	76d
DG-100-RoC-3060	Design - Area 100 1A-1F - Road Civil - External Review Gate 3 - IV Goldlinq State O&M	15d	08-Jul-22	28-Jul-22	76d
DG-100-RoC-3080	Design - Area 100 1A-1F - Road Civil - AECOM Close Out Gate 3 Comments	20d	29-Jul-22	25-Aug-22	76d
DG-100-RoC-3100	Design - Area 100 1A-1F - Road Civil - AECOM Update AFC	6d	29-Aug-22	05-Sep-22	76d
DG-100-RoC-3120	Design - Area 100 1A-1F - Road Civil - AECOM Issue AFC	0d		05-Sep-22	76d
Area 100 - Zone 1A to 1F - Drainage		260d	18-Aug-21	12-Sep-22	71d
Design Development Gate 1 - 70%		92d	18-Aug-21	11-Jan-22	77d
DG-100-DrN-1000	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 1 Design	38d	18-Aug-21	12-Oct-21	77d
DG-100-DrN-1020	Design - Area 100 1A-1F - Drainage - AECOM IDR Review Gate 1 Design	10d	13-Oct-21	26-Oct-21	77d
DG-100-DrN-1040	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 1 Design	14d	04-Nov-21	23-Nov-21	71d
DG-100-DrN-1060	Design - Area 100 1A-1F - Drainage - External Review Gate 1 - IV Goldlinq State O&M	15d	24-Nov-21	14-Dec-21	77d
DG-100-DrN-1080	Design - Area 100 1A-1F - Drainage - AECOM Close Out Gate 1 Comments	9d	15-Dec-21	11-Jan-22	77d
Design Development Gate 2		98d	24-Nov-21	29-Apr-22	75d
DG-100-DrN-2000	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 2 Design	40d	24-Nov-21	03-Feb-22	71d
DG-100-DrN-2020	Design - Area 100 1A-1F - Drainage - AECOM IDR Review Gate 2 Design	13d	04-Feb-22	22-Feb-22	71d
DG-100-DrN-2040	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 2 Design	23d	23-Feb-22	25-Mar-22	71d
DG-100-DrN-2060	Design - Area 100 1A-1F - Drainage - External Review Gate 2 - IV Goldlinq State O&M	15d	28-Mar-22	19-Apr-22	75d
DG-100-DrN-2080	Design - Area 100 1A-1F - Drainage - AECOM Close Out Gate 2 Comments	7d	20-Apr-22	29-Apr-22	75d
Design Development Gate 3 - AFC		116d	28-Mar-22	12-Sep-22	71d
DG-100-DrN-3000	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 3 Design	36d	28-Mar-22	20-May-22	71d
DG-100-DrN-3020	Design - Area 100 1A-1F - Drainage - AECOM IDR Review Gate 3 Design	11d	23-May-22	06-Jun-22	71d



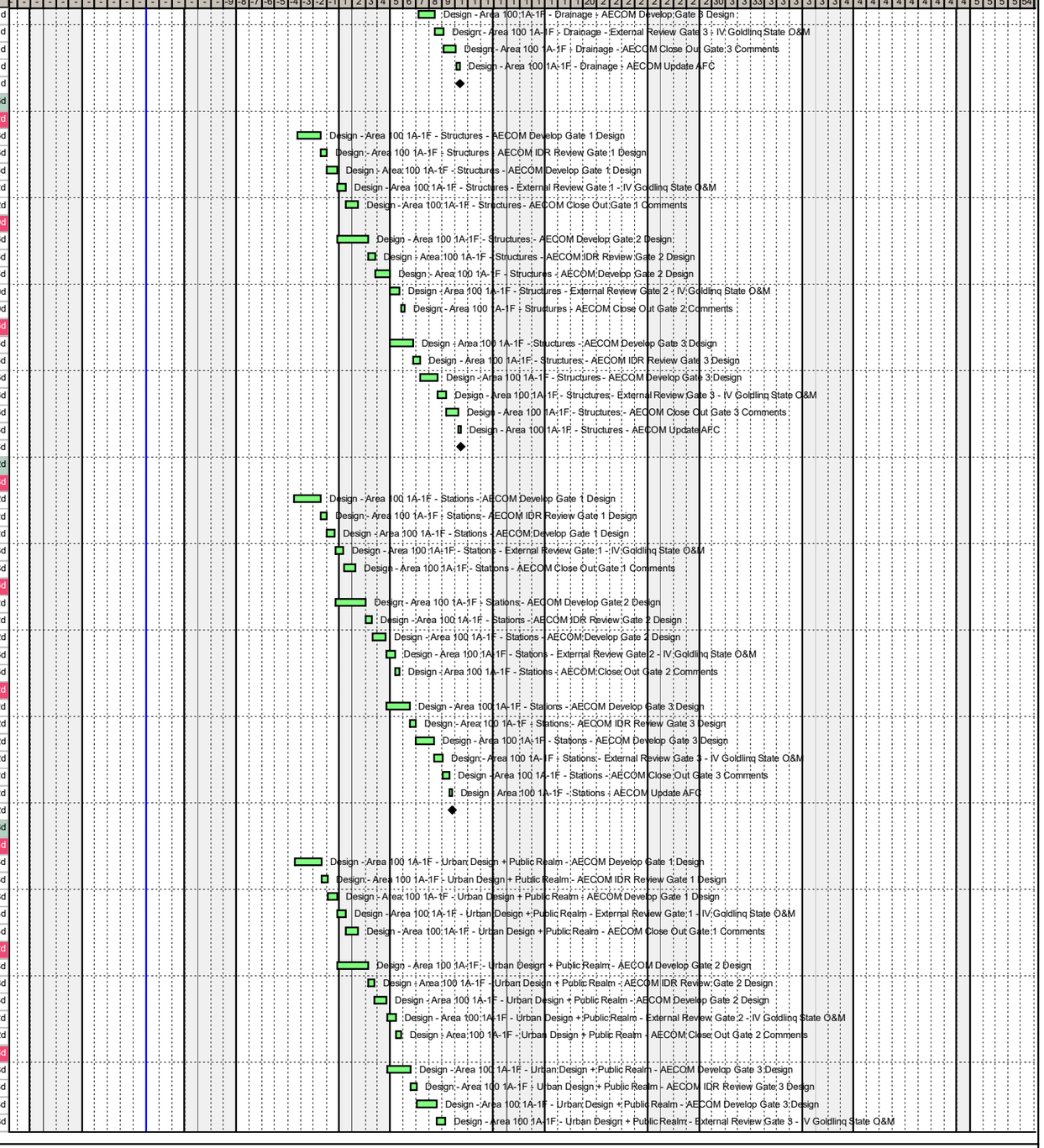
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-100-DrN-3040	Design - Area 100 1A-1F - Drainage - AECOM Develop Gate 3 Design	28d	07-Jun-22	14-Jul-22	71d
DG-100-DrN-3060	Design - Area 100 1A-1F - Drainage - External Review Gate 3 - IV Goldlinq State O&M	15d	15-Jul-22	04-Aug-22	71d
DG-100-DrN-3080	Design - Area 100 1A-1F - Drainage - AECOM Close Out Gate 3 Comments	20d	05-Aug-22	02-Sep-22	71d
DG-100-DrN-3100	Design - Area 100 1A-1F - Drainage - AECOM Update AFC	6d	05-Sep-22	12-Sep-22	71d
DG-100-DrN-3120	Design - Area 100 1A-1F - Drainage - AECOM Issue AFC	0d		12-Sep-22	71d
Area 100 - Zone 1A to 1F - Structures		259d	24-Aug-21	15-Sep-22	96d
Design Development Gate 1 - 70%		90d	24-Aug-21	13-Jan-22	102d
DG-100-StR-1000	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 1 Design	38d	24-Aug-21	18-Oct-21	96d
DG-100-StR-1020	Design - Area 100 1A-1F - Structures - AECOM IDR Review Gate 1 Design	10d	19-Oct-21	01-Nov-21	96d
DG-100-StR-1040	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 1 Design	18d	02-Nov-21	25-Nov-21	96d
DG-100-StR-1060	Design - Area 100 1A-1F - Structures - External Review Gate 1 - IV Goldlinq State O&M	15d	26-Nov-21	16-Dec-21	102d
DG-100-StR-1080	Design - Area 100 1A-1F - Structures - AECOM Close Out Gate 1 Comments	9d	17-Dec-21	13-Jan-22	102d
Design Development Gate 2		99d	26-Nov-21	05-May-22	100d
DG-100-StR-2000	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 2 Design	40d	26-Nov-21	07-Feb-22	96d
DG-100-StR-2020	Design - Area 100 1A-1F - Structures - AECOM IDR Review Gate 2 Design	13d	08-Feb-22	24-Feb-22	96d
DG-100-StR-2040	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 2 Design	24d	25-Feb-22	30-Mar-22	96d
DG-100-StR-2060	Design - Area 100 1A-1F - Structures - External Review Gate 2 - IV Goldlinq State O&M	15d	31-Mar-22	22-Apr-22	100d
DG-100-StR-2080	Design - Area 100 1A-1F - Structures - AECOM Close Out Gate 2 Comments	7d	26-Apr-22	05-May-22	100d
Design Development Gate 3 - AFC		116d	31-Mar-22	15-Sep-22	96d
DG-100-StR-3000	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 3 Design	36d	31-Mar-22	25-May-22	96d
DG-100-StR-3020	Design - Area 100 1A-1F - Structures - AECOM IDR Review Gate 3 Design	11d	26-May-22	09-Jun-22	96d
DG-100-StR-3040	Design - Area 100 1A-1F - Structures - AECOM Develop Gate 3 Design	29d	10-Jun-22	20-Jul-22	96d
DG-100-StR-3060	Design - Area 100 1A-1F - Structures - External Review Gate 3 - IV Goldlinq State O&M	15d	21-Jul-22	10-Aug-22	96d
DG-100-StR-3080	Design - Area 100 1A-1F - Structures - AECOM Close Out Gate 3 Comments	20d	11-Aug-22	08-Sep-22	96d
DG-100-StR-3100	Design - Area 100 1A-1F - Structures - AECOM Update AFC	5d	09-Sep-22	15-Sep-22	96d
DG-100-StR-3120	Design - Area 100 1A-1F - Structures - AECOM Issue AFC	0d		15-Sep-22	96d
Area 100 - Zone 1A to 1F - Stations (BBS / MEB / MBS)		251d	16-Aug-21	25-Aug-22	362d
Design Development Gate 1 - 70%		92d	16-Aug-21	07-Jan-22	368d
DG-100-StN-1000	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 1 Design	44d	16-Aug-21	18-Oct-21	362d
DG-100-StN-1020	Design - Area 100 1A-1F - Stations - AECOM IDR Review Gate 1 Design	10d	19-Oct-21	01-Nov-21	362d
DG-100-StN-1040	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 1 Design	14d	02-Nov-21	19-Nov-21	362d
DG-100-StN-1060	Design - Area 100 1A-1F - Stations - External Review Gate 1 - IV Goldlinq State O&M	15d	22-Nov-21	10-Dec-21	368d
DG-100-StN-1080	Design - Area 100 1A-1F - Stations - AECOM Close Out Gate 1 Comments	9d	13-Dec-21	07-Jan-22	368d
Design Development Gate 2		96d	22-Nov-21	22-Apr-22	366d
DG-100-StN-2000	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 2 Design	40d	22-Nov-21	01-Feb-22	362d
DG-100-StN-2020	Design - Area 100 1A-1F - Stations - AECOM IDR Review Gate 2 Design	11d	02-Feb-22	16-Feb-22	362d
DG-100-StN-2040	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 2 Design	23d	17-Feb-22	21-Mar-22	362d
DG-100-StN-2060	Design - Area 100 1A-1F - Stations - External Review Gate 2 - IV Goldlinq State O&M	15d	22-Mar-22	11-Apr-22	366d
DG-100-StN-2080	Design - Area 100 1A-1F - Stations - AECOM Close Out Gate 2 Comments	7d	12-Apr-22	22-Apr-22	366d
Design Development Gate 3 - AFC		109d	22-Mar-22	25-Aug-22	362d
DG-100-StN-3000	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 3 Design	36d	22-Mar-22	16-May-22	362d
DG-100-StN-3020	Design - Area 100 1A-1F - Stations - AECOM IDR Review Gate 3 Design	10d	17-May-22	30-May-22	362d
DG-100-StN-3040	Design - Area 100 1A-1F - Stations - AECOM Develop Gate 3 Design	31d	31-May-22	12-Jul-22	362d
DG-100-StN-3060	Design - Area 100 1A-1F - Stations - External Review Gate 3 - IV Goldlinq State O&M	15d	13-Jul-22	02-Aug-22	362d
DG-100-StN-3080	Design - Area 100 1A-1F - Stations - AECOM Close Out Gate 3 Comments	12d	03-Aug-22	18-Aug-22	362d
DG-100-StN-3100	Design - Area 100 1A-1F - Stations - AECOM Update AFC	5d	19-Aug-22	25-Aug-22	362d
DG-100-StN-3120	Design - Area 100 1A-1F - Stations - AECOM Issue AFC	0d		25-Aug-22	362d
Area 100 - Zone 1A to 1F - Urban Design and Public Realm		253d	18-Aug-21	01-Sep-22	358d
Design Development Gate 1 - 70%		94d	18-Aug-21	13-Jan-22	364d
DG-100-UrD-1000	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 1 Design	44d	18-Aug-21	20-Oct-21	358d
DG-100-UrD-1020	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM IDR Review Gate 1 Design	10d	21-Oct-21	03-Nov-21	358d
DG-100-UrD-1040	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 1 Design	16d	04-Nov-21	25-Nov-21	358d
DG-100-UrD-1060	Design - Area 100 1A-1F - Urban Design + Public Realm - External Review Gate 1 - IV Goldlinq State O&M	15d	26-Nov-21	16-Dec-21	364d
DG-100-UrD-1080	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Close Out Gate 1 Comments	9d	17-Dec-21	13-Jan-22	364d
Design Development Gate 2		94d	26-Nov-21	27-Apr-22	362d
DG-100-UrD-2000	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 2 Design	40d	26-Nov-21	07-Feb-22	358d
DG-100-UrD-2020	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM IDR Review Gate 2 Design	11d	08-Feb-22	22-Feb-22	358d
DG-100-UrD-2040	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 2 Design	21d	23-Feb-22	23-Mar-22	358d
DG-100-UrD-2060	Design - Area 100 1A-1F - Urban Design + Public Realm - External Review Gate 2 - IV Goldlinq State O&M	15d	24-Mar-22	13-Apr-22	362d
DG-100-UrD-2080	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Close Out Gate 2 Comments	7d	14-Apr-22	27-Apr-22	362d
Design Development Gate 3 - AFC		111d	24-Mar-22	01-Sep-22	358d
DG-100-UrD-3000	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 3 Design	36d	24-Mar-22	18-May-22	358d
DG-100-UrD-3020	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM IDR Review Gate 3 Design	10d	19-May-22	01-Jun-22	358d
DG-100-UrD-3040	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Develop Gate 3 Design	33d	02-Jun-22	18-Jul-22	358d
DG-100-UrD-3060	Design - Area 100 1A-1F - Urban Design + Public Realm - External Review Gate 3 - IV Goldlinq State O&M	15d	19-Jul-22	08-Aug-22	358d



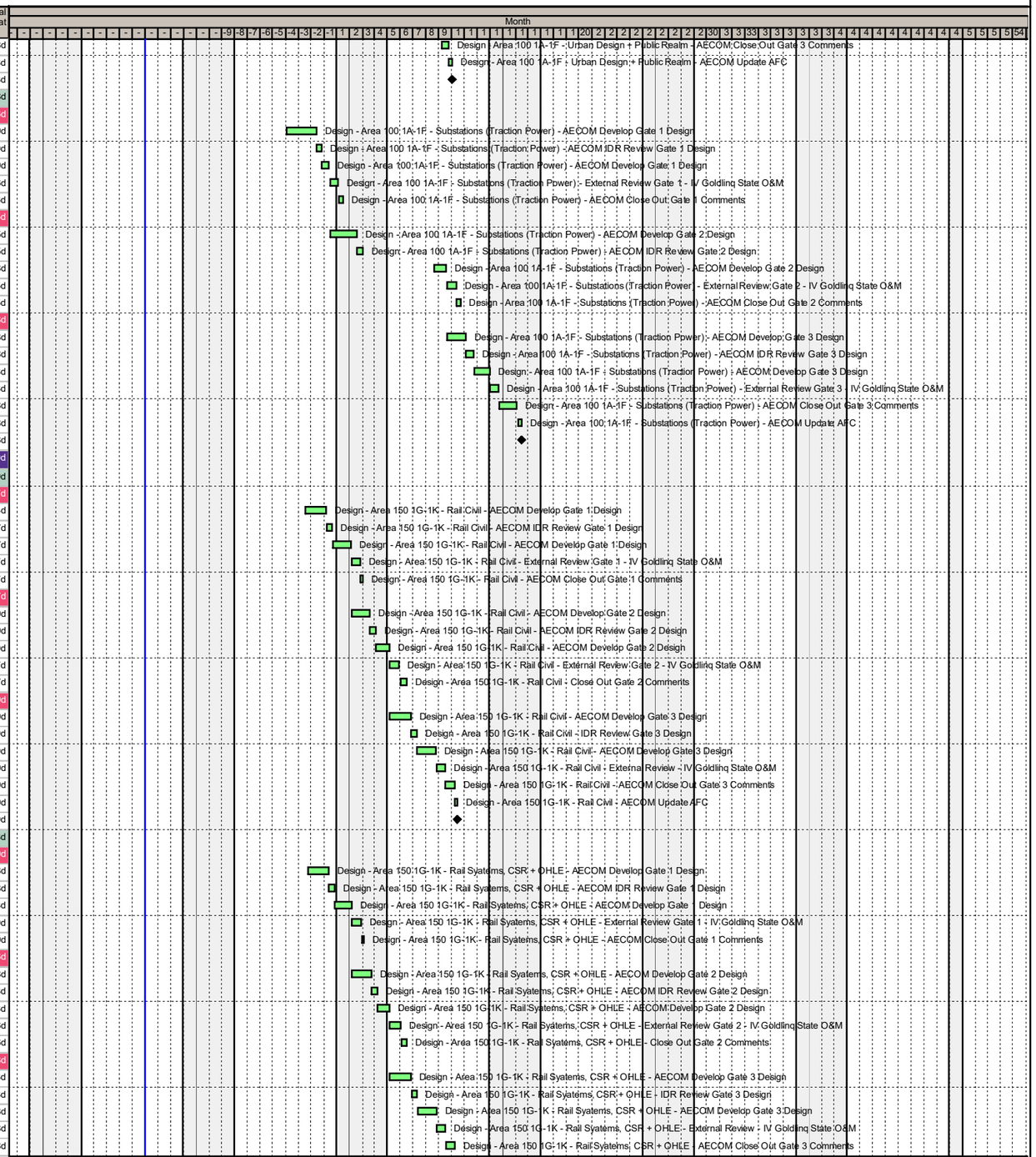
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-100-UrD-3080	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Close Out Gate 3 Comments	12d	09-Aug-22	24-Aug-22	358d
DG-100-UrD-3100	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Update AFC	5d	25-Aug-22	01-Sep-22	358d
DG-100-UrD-3120	Design - Area 100 1A-1F - Urban Design + Public Realm - AECOM Issue AFC	0d		01-Sep-22	358d
Area 100 - Zone 1A to 1F - Substations (Traction Power)		370d	03-Aug-21	14-Feb-23	68d
Design Development Gate 1 - 70%		96d	03-Aug-21	16-Dec-21	196d
DG-100-TP-1000	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 1 Design	50d	03-Aug-21	13-Oct-21	159d
DG-100-TP-1020	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM IDR Review Gate 1 Design	8d	14-Oct-21	25-Oct-21	159d
DG-100-TP-1040	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 1 Design	14d	26-Oct-21	12-Nov-21	159d
DG-100-TP-1060	Design - Area 100 1A-1F - Substations (Traction Power) - External Review Gate 1 - IV Goldlinq State O&M	15d	15-Nov-21	03-Dec-21	196d
DG-100-TP-1080	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Close Out Gate 1 Comments	9d	06-Dec-21	16-Dec-21	196d
Design Development Gate 2		207d	15-Nov-21	22-Sep-22	75d
DG-100-TP-2000	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 2 Design	35d	15-Nov-21	17-Jan-22	185d
DG-100-TP-2020	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM IDR Review Gate 2 Design	11d	18-Jan-22	02-Feb-22	185d
DG-100-TP-2040	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 2 Design	21d	22-Jul-22	19-Aug-22	68d
DG-100-TP-2060	Design - Area 100 1A-1F - Substations (Traction Power) - External Review Gate 2 - IV Goldlinq State O&M	15d	22-Aug-22	12-Sep-22	75d
DG-100-TP-2080	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Close Out Gate 2 Comments	8d	13-Sep-22	22-Sep-22	75d
Design Development Gate 3 - AFC		114d	22-Aug-22	14-Feb-23	68d
DG-100-TP-3000	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 3 Design	30d	22-Aug-22	04-Oct-22	68d
DG-100-TP-3020	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM IDR Review Gate 3 Design	14d	05-Oct-22	24-Oct-22	68d
DG-100-TP-3040	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Develop Gate 3 Design	28d	25-Oct-22	01-Dec-22	68d
DG-100-TP-3060	Design - Area 100 1A-1F - Substations (Traction Power) - External Review Gate 3 - IV Goldlinq State O&M	15d	02-Dec-22	22-Dec-22	68d
DG-100-TP-3080	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Close Out Gate 3 Comments	20d	23-Dec-22	03-Feb-23	68d
DG-100-TP-3100	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Update AFC	7d	06-Feb-23	14-Feb-23	68d
DG-100-TP-3120	Design - Area 100 1A-1F - Substations (Traction Power) - AECOM Issue AFC	0d		14-Feb-23	68d
Area 150 - Heron Ave to Dawn Pde (Ch 35,500 - 37,150)		325d	17-Sep-21	25-Jan-23	300d
Area 150 - Zone 1G to 1K - Rail Civil		241d	17-Sep-21	14-Sep-22	169d
Design Development Gate 1 - 70%		86d	17-Sep-21	02-Feb-22	17d
DG-150-RaC-1000	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 1 Design	35d	17-Sep-21	05-Nov-21	14d
DG-150-RaC-1020	Design - Area 150 1G-1K - Rail Civil - AECOM IDR Review Gate 1 Design	10d	08-Nov-21	19-Nov-21	17d
DG-150-RaC-1040	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 1 Design	21d	22-Nov-21	04-Jan-22	17d
DG-150-RaC-1060	Design - Area 150 1G-1K - Rail Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	05-Jan-22	25-Jan-22	17d
DG-150-RaC-1080	Design - Area 150 1G-1K - Rail Civil - AECOM Close Out Gate 1 Comments	5d	27-Jan-22	02-Feb-22	17d
Design Development Gate 2		89d	05-Jan-22	16-May-22	177d
DG-150-RaC-2000	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 2 Design	31d	05-Jan-22	17-Feb-22	169d
DG-150-RaC-2020	Design - Area 150 1G-1K - Rail Civil - AECOM IDR Review Gate 2 Design	10d	18-Feb-22	03-Mar-22	169d
DG-150-RaC-2040	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 2 Design	23d	04-Mar-22	05-Apr-22	169d
DG-150-RaC-2060	Design - Area 150 1G-1K - Rail Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	06-Apr-22	29-Apr-22	177d
DG-150-RaC-2080	Design - Area 150 1G-1K - Rail Civil - Close Out Gate 2 Comments	10d	03-May-22	16-May-22	177d
Design Development Gate 3 - AFC		111d	06-Apr-22	14-Sep-22	169d
DG-150-RaC-3000	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 3 Design	33d	06-Apr-22	26-May-22	169d
DG-150-RaC-3020	Design - Area 150 1G-1K - Rail Civil - IDR Review Gate 3 Design	10d	27-May-22	09-Jun-22	169d
DG-150-RaC-3040	Design - Area 150 1G-1K - Rail Civil - AECOM Develop Gate 3 Design	33d	10-Jun-22	26-Jul-22	169d
DG-150-RaC-3060	Design - Area 150 1G-1K - Rail Civil - External Review - IV Goldlinq State O&M	15d	27-Jul-22	16-Aug-22	169d
DG-150-RaC-3080	Design - Area 150 1G-1K - Rail Civil - AECOM Close Out Gate 3 Comments	15d	17-Aug-22	07-Sep-22	169d
DG-150-RaC-3100	Design - Area 150 1G-1K - Rail Civil - AECOM Update AFC	5d	08-Sep-22	14-Sep-22	169d
DG-150-RaC-3120	Design - Area 150 1G-1K - Rail Civil - AECOM Issue AFC	0d		14-Sep-22	169d
Area 150 - Zone 1G to 1K - Rail Systems, CSR + OHLE		238d	23-Sep-21	15-Sep-22	168d
Design Development Gate 1 - 70%		84d	23-Sep-21	04-Feb-22	179d
DG-150-RaS-1000	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 1 Design	35d	23-Sep-21	11-Nov-21	168d
DG-150-RaS-1020	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM IDR Review Gate 1 Design	10d	12-Nov-21	25-Nov-21	168d
DG-150-RaS-1040	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 1 Design	19d	26-Nov-21	06-Jan-22	168d
DG-150-RaS-1060	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - External Review Gate 1 - IV Goldlinq State O&M	15d	07-Jan-22	28-Jan-22	179d
DG-150-RaS-1080	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Close Out Gate 1 Comments	5d	31-Jan-22	04-Feb-22	179d
Design Development Gate 2		88d	07-Jan-22	17-May-22	176d
DG-150-RaS-2000	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 2 Design	31d	07-Jan-22	21-Feb-22	168d
DG-150-RaS-2020	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM IDR Review Gate 2 Design	10d	22-Feb-22	07-Mar-22	168d
DG-150-RaS-2040	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 2 Design	22d	08-Mar-22	06-Apr-22	168d
DG-150-RaS-2060	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - External Review Gate 2 - IV Goldlinq State O&M	15d	07-Apr-22	03-May-22	176d
DG-150-RaS-2080	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - Close Out Gate 2 Comments	10d	04-May-22	17-May-22	176d
Design Development Gate 3 - AFC		111d	07-Apr-22	15-Sep-22	168d
DG-150-RaS-3000	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 3 Design	33d	07-Apr-22	27-May-22	168d
DG-150-RaS-3020	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - IDR Review Gate 3 Design	10d	30-May-22	10-Jun-22	168d
DG-150-RaS-3040	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Develop Gate 3 Design	33d	13-Jun-22	27-Jul-22	168d
DG-150-RaS-3060	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - External Review - IV Goldlinq State O&M	15d	28-Jul-22	17-Aug-22	168d
DG-150-RaS-3080	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Close Out Gate 3 Comments	15d	18-Aug-22	08-Sep-22	168d



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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-150-RaS-3100	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Update AFC	5d	09-Sep-22	15-Sep-22	168d
DG-150-RaS-3120	Design - Area 150 1G-1K - Rail Syatems, CSR + OHLE - AECOM Issue AFC	0d		15-Sep-22	168d
Area 150 - Zone 1G to 1K - Road Civil		253d	27-Sep-21	11-Oct-22	125d
Design Development Gate 1 - 70%		86d	27-Sep-21	10-Feb-22	11d
DG-150-RoC-1000	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 1 Design	34d	27-Sep-21	12-Nov-21	14d
DG-150-RoC-1020	Design - Area 150 1G-1K - Road Civil - AECOM IDR Review Gate 1 Design	10d	15-Nov-21	26-Nov-21	14d
DG-150-RoC-1040	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 1 Design	19d	29-Nov-21	07-Jan-22	14d
DG-150-RoC-1060	Design - Area 150 1G-1K - Road Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	10-Jan-22	31-Jan-22	14d
DG-150-RoC-1080	Design - Area 150 1G-1K - Road Civil - AECOM Close Out Gate 1 Comments	5d	04-Feb-22	10-Feb-22	11d
Design Development Gate 2		94d	10-Jan-22	26-May-22	129d
DG-150-RoC-2000	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 2 Design	30d	10-Jan-22	21-Feb-22	125d
DG-150-RoC-2020	Design - Area 150 1G-1K - Road Civil - AECOM IDR Review Gate 2 Design	10d	22-Feb-22	07-Mar-22	125d
DG-150-RoC-2040	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 2 Design	32d	08-Mar-22	22-Apr-22	125d
DG-150-RoC-2060	Design - Area 150 1G-1K - Road Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	26-Apr-22	17-May-22	129d
DG-150-RoC-2080	Design - Area 150 1G-1K - Road Civil - AECOM Close Out Gate 2 Comments	7d	18-May-22	26-May-22	129d
Design Development Gate 3 - AFC		118d	26-Apr-22	11-Oct-22	125d
DG-150-RoC-3000	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 3 Design	36d	26-Apr-22	15-Jun-22	125d
DG-150-RoC-3020	Design - Area 150 1G-1K - Road Civil - AECOM IDR Review Gate 3 Design	10d	16-Jun-22	29-Jun-22	125d
DG-150-RoC-3040	Design - Area 150 1G-1K - Road Civil - AECOM Develop Gate 3 Design	35d	30-Jun-22	17-Aug-22	125d
DG-150-RoC-3060	Design - Area 150 1G-1K - Road Civil - External Review Gate 3 - IV Goldlinq State O&M	15d	18-Aug-22	08-Sep-22	125d
DG-150-RoC-3080	Design - Area 150 1G-1K - Road Civil - AECOM Close Out Gate 3 Comments	17d	09-Sep-22	04-Oct-22	125d
DG-150-RoC-3100	Design - Area 150 1G-1K - Road Civil - AECOM Update AFC	5d	05-Oct-22	11-Oct-22	125d
DG-150-RoC-3120	Design - Area 150 1G-1K - Road Civil - AECOM Issue AFC	0d		11-Oct-22	125d
Area 150 - Zone 1G to 1K - Drainage		253d	30-Sep-21	14-Oct-22	122d
Design Development Gate 1 - 70%		84d	30-Sep-21	11-Feb-22	132d
DG-150-DrN-1000	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 1 Design	34d	30-Sep-21	17-Nov-21	122d
DG-150-DrN-1020	Design - Area 150 1G-1K - Drainage - AECOM IDR Review Gate 1 Design	10d	18-Nov-21	01-Dec-21	122d
DG-150-DrN-1040	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 1 Design	20d	02-Dec-21	13-Jan-22	122d
DG-150-DrN-1060	Design - Area 150 1G-1K - Drainage - External Review Gate 1 - IV Goldlinq State O&M	15d	14-Jan-22	04-Feb-22	132d
DG-150-DrN-1080	Design - Area 150 1G-1K - Drainage - AECOM Close Out Gate 1 Comments	5d	07-Feb-22	11-Feb-22	132d
Design Development Gate 2		94d	14-Jan-22	01-Jun-22	126d
DG-150-DrN-2000	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 2 Design	30d	14-Jan-22	25-Feb-22	122d
DG-150-DrN-2020	Design - Area 150 1G-1K - Drainage - AECOM IDR Review Gate 2 Design	10d	28-Feb-22	11-Mar-22	122d
DG-150-DrN-2040	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 2 Design	32d	14-Mar-22	29-Apr-22	122d
DG-150-DrN-2060	Design - Area 150 1G-1K - Drainage - External Review Gate 2 - IV Goldlinq State O&M	15d	03-May-22	23-May-22	126d
DG-150-DrN-2080	Design - Area 150 1G-1K - Drainage - AECOM Close Out Gate 2 Comments	7d	24-May-22	01-Jun-22	126d
Design Development Gate 3 - AFC		117d	03-May-22	14-Oct-22	122d
DG-150-DrN-3000	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 3 Design	36d	03-May-22	21-Jun-22	122d
DG-150-DrN-3020	Design - Area 150 1G-1K - Drainage - AECOM IDR Review Gate 3 Design	10d	22-Jun-22	05-Jul-22	122d
DG-150-DrN-3040	Design - Area 150 1G-1K - Drainage - AECOM Develop Gate 3 Design	36d	06-Jul-22	24-Aug-22	122d
DG-150-DrN-3060	Design - Area 150 1G-1K - Drainage - External Review Gate 3 - IV Goldlinq State O&M	15d	25-Aug-22	15-Sep-22	122d
DG-150-DrN-3080	Design - Area 150 1G-1K - Drainage - AECOM Close Out Gate 3 Comments	17d	16-Sep-22	11-Oct-22	122d
DG-150-DrN-3100	Design - Area 150 1G-1K - Drainage - AECOM Update AFC	3d	12-Oct-22	14-Oct-22	122d
DG-150-DrN-3120	Design - Area 150 1G-1K - Drainage - AECOM Issue AFC	0d		14-Oct-22	122d
Area 150 - Zone 1G to 1K - Structures		256d	01-Oct-21	20-Oct-22	118d
Design Development Gate 1 - 70%		84d	01-Oct-21	14-Feb-22	128d
DG-150-StR-1000	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 1 Design	34d	01-Oct-21	18-Nov-21	118d
DG-150-StR-1020	Design - Area 150 1G-1K - Structures - AECOM IDR Review Gate 1 Design	10d	19-Nov-21	02-Dec-21	118d
DG-150-StR-1040	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 1 Design	20d	03-Dec-21	14-Jan-22	118d
DG-150-StR-1060	Design - Area 150 1G-1K - Structures - External Review Gate 1 - IV Goldlinq State O&M	15d	17-Jan-22	07-Feb-22	128d
DG-150-StR-1080	Design - Area 150 1G-1K - Structures - AECOM Close Out Gate 1 Comments	5d	08-Feb-22	14-Feb-22	128d
Design Development Gate 2		95d	17-Jan-22	03-Jun-22	122d
DG-150-StR-2000	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 2 Design	30d	17-Jan-22	28-Feb-22	118d
DG-150-StR-2020	Design - Area 150 1G-1K - Structures - AECOM IDR Review Gate 2 Design	10d	01-Mar-22	14-Mar-22	118d
DG-150-StR-2040	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 2 Design	33d	15-Mar-22	04-May-22	118d
DG-150-StR-2060	Design - Area 150 1G-1K - Structures - External Review Gate 2 - IV Goldlinq State O&M	15d	05-May-22	25-May-22	122d
DG-150-StR-2080	Design - Area 150 1G-1K - Structures - AECOM Close Out Gate 2 Comments	7d	26-May-22	03-Jun-22	122d
Design Development Gate 3 - AFC		119d	05-May-22	20-Oct-22	118d
DG-150-StR-3000	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 3 Design	36d	05-May-22	23-Jun-22	118d
DG-150-StR-3020	Design - Area 150 1G-1K - Structures - AECOM IDR Review Gate 3 Design	10d	24-Jun-22	07-Jul-22	118d
DG-150-StR-3040	Design - Area 150 1G-1K - Structures - AECOM Develop Gate 3 Design	34d	08-Jul-22	24-Aug-22	118d
DG-150-StR-3060	Design - Area 150 1G-1K - Structures - External Review Gate 3 - IV Goldlinq State O&M	15d	25-Aug-22	15-Sep-22	118d
DG-150-StR-3080	Design - Area 150 1G-1K - Structures - AECOM Close Out Gate 3 Comments	19d	16-Sep-22	13-Oct-22	118d
DG-150-StR-3100	Design - Area 150 1G-1K - Structures - AECOM Update AFC	5d	14-Oct-22	20-Oct-22	118d
DG-150-StR-3120	Design - Area 150 1G-1K - Structures - AECOM Issue AFC	0d		20-Oct-22	118d



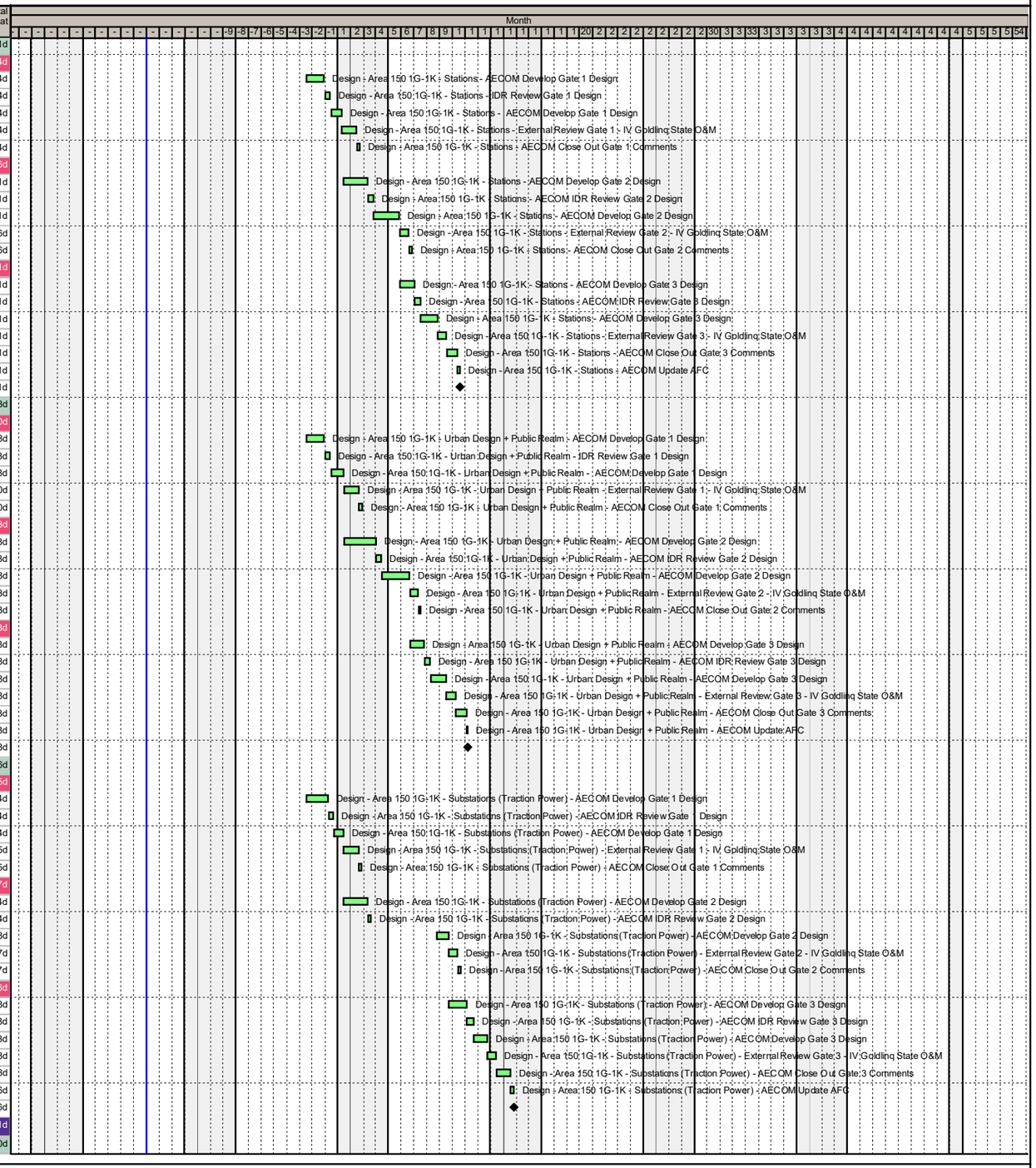
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Area 150 - Zone 1G to 1K - Stations (NBE / MIN)		244d	17-Sep-21	19-Sep-22	381d
Design Development Gate 1 - 70%		79d	17-Sep-21	21-Jan-22	394d
DG-150-StN-1000	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 1 Design	30d	17-Sep-21	29-Oct-21	204d
DG-150-StN-1020	Design - Area 150 1G-1K - Stations - IDR Review Gate 1 Design	10d	01-Nov-21	12-Nov-21	384d
DG-150-StN-1040	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 1 Design	19d	15-Nov-21	09-Dec-21	384d
DG-150-StN-1060	Design - Area 150 1G-1K - Stations - External Review Gate 1 - IV Goldling State O&M	15d	10-Dec-21	14-Jan-22	394d
DG-150-StN-1080	Design - Area 150 1G-1K - Stations - AECOM Close Out Gate 1 Comments	5d	17-Jan-22	21-Jan-22	394d
Design Development Gate 2		101d	15-Dec-21	26-May-22	386d
DG-150-StN-2000	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 2 Design	30d	15-Dec-21	10-Feb-22	381d
DG-150-StN-2020	Design - Area 150 1G-1K - Stations - AECOM IDR Review Gate 2 Design	10d	11-Feb-22	24-Feb-22	381d
DG-150-StN-2040	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 2 Design	41d	25-Feb-22	27-Apr-22	381d
DG-150-StN-2060	Design - Area 150 1G-1K - Stations - External Review Gate 2 - IV Goldling State O&M	15d	28-Apr-22	19-May-22	386d
DG-150-StN-2080	Design - Area 150 1G-1K - Stations - AECOM Close Out Gate 2 Comments	5d	20-May-22	26-May-22	386d
Design Development Gate 3 - AFC		101d	28-Apr-22	19-Sep-22	381d
DG-150-StN-3000	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 3 Design	25d	28-Apr-22	02-Jun-22	381d
DG-150-StN-3020	Design - Area 150 1G-1K - Stations - AECOM IDR Review Gate 3 Design	10d	03-Jun-22	16-Jun-22	381d
DG-150-StN-3040	Design - Area 150 1G-1K - Stations - AECOM Develop Gate 3 Design	29d	17-Jun-22	27-Jul-22	381d
DG-150-StN-3060	Design - Area 150 1G-1K - Stations - External Review Gate 3 - IV Goldling State O&M	15d	28-Jul-22	17-Aug-22	381d
DG-150-StN-3080	Design - Area 150 1G-1K - Stations - AECOM Close Out Gate 3 Comments	17d	18-Aug-22	12-Sep-22	381d
DG-150-StN-3100	Design - Area 150 1G-1K - Stations - AECOM Update AFC	5d	13-Sep-22	19-Sep-22	381d
DG-150-StN-3120	Design - Area 150 1G-1K - Stations - AECOM Issue AFC	0d		19-Sep-22	381d
Area 150 - Zone 1G to 1K - Urban Design and Public Realm		257d	17-Sep-21	07-Oct-22	368d
Design Development Gate 1 - 70%		83d	17-Sep-21	28-Jan-22	390d
DG-150-UrD-1000	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 1 Design	30d	17-Sep-21	29-Oct-21	368d
DG-150-UrD-1020	Design - Area 150 1G-1K - Urban Design + Public Realm - IDR Review Gate 1 Design	10d	01-Nov-21	12-Nov-21	368d
DG-150-UrD-1040	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 1 Design	23d	15-Nov-21	15-Dec-21	368d
DG-150-UrD-1060	Design - Area 150 1G-1K - Urban Design + Public Realm - External Review Gate 1 - IV Goldling State O&M	15d	16-Dec-21	20-Jan-22	390d
DG-150-UrD-1080	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Close Out Gate 1 Comments	5d	21-Jan-22	28-Jan-22	390d
Design Development Gate 2		116d	16-Dec-21	17-Jun-22	373d
DG-150-UrD-2000	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 2 Design	42d	16-Dec-21	01-Mar-22	368d
DG-150-UrD-2020	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM IDR Review Gate 2 Design	10d	02-Mar-22	15-Mar-22	368d
DG-150-UrD-2040	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 2 Design	44d	16-Mar-22	20-May-22	368d
DG-150-UrD-2060	Design - Area 150 1G-1K - Urban Design + Public Realm - External Review Gate 2 - IV Goldling State O&M	15d	23-May-22	10-Jun-22	373d
DG-150-UrD-2080	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Close Out Gate 2 Comments	5d	13-Jun-22	17-Jun-22	373d
Design Development Gate 3 - AFC		98d	23-May-22	07-Oct-22	368d
DG-150-UrD-3000	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 3 Design	25d	23-May-22	24-Jun-22	368d
DG-150-UrD-3020	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM IDR Review Gate 3 Design	10d	27-Jun-22	08-Jul-22	368d
DG-150-UrD-3040	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Develop Gate 3 Design	27d	11-Jul-22	16-Aug-22	368d
DG-150-UrD-3060	Design - Area 150 1G-1K - Urban Design + Public Realm - External Review Gate 3 - IV Goldling State O&M	15d	17-Aug-22	07-Sep-22	368d
DG-150-UrD-3080	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Close Out Gate 3 Comments	18d	08-Sep-22	04-Oct-22	368d
DG-150-UrD-3100	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Update AFC	3d	05-Oct-22	07-Oct-22	368d
DG-150-UrD-3120	Design - Area 150 1G-1K - Urban Design + Public Realm - AECOM Issue AFC	0d		07-Oct-22	368d
Area 150 - Zone 1G to 1K - Substations (Traction Power)		325d	17-Sep-21	25-Jan-23	106d
Design Development Gate 1 - 70%		81d	17-Sep-21	25-Jan-22	215d
DG-150-TP-1000	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 1 Design	36d	17-Sep-21	08-Nov-21	204d
DG-150-TP-1020	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM IDR Review Gate 1 Design	9d	09-Nov-21	19-Nov-21	204d
DG-150-TP-1040	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 1 Design	17d	22-Nov-21	14-Dec-21	204d
DG-150-TP-1060	Design - Area 150 1G-1K - Substations (Traction Power) - External Review Gate 1 - IV Goldling State O&M	15d	15-Dec-21	19-Jan-22	215d
DG-150-TP-1080	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Close Out Gate 1 Comments	4d	20-Jan-22	25-Jan-22	215d
Design Development Gate 2		184d	15-Dec-21	21-Sep-22	107d
DG-150-TP-2000	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 2 Design	30d	15-Dec-21	10-Feb-22	204d
DG-150-TP-2020	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM IDR Review Gate 2 Design	6d	11-Feb-22	18-Feb-22	204d
DG-150-TP-2040	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 2 Design	21d	25-Jul-22	22-Aug-22	98d
DG-150-TP-2060	Design - Area 150 1G-1K - Substations (Traction Power) - External Review Gate 2 - IV Goldling State O&M	15d	23-Aug-22	13-Sep-22	107d
DG-150-TP-2080	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Close Out Gate 2 Comments	6d	14-Sep-22	21-Sep-22	107d
Design Development Gate 3 - AFC		100d	23-Aug-22	25-Jan-23	106d
DG-150-TP-3000	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 3 Design	30d	23-Aug-22	05-Oct-22	98d
DG-150-TP-3020	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM IDR Review Gate 3 Design	11d	06-Oct-22	20-Oct-22	98d
DG-150-TP-3040	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Develop Gate 3 Design	24d	21-Oct-22	23-Nov-22	98d
DG-150-TP-3060	Design - Area 150 1G-1K - Substations (Traction Power) - External Review Gate 3 - IV Goldling State O&M	15d	24-Nov-22	14-Dec-22	98d
DG-150-TP-3080	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Close Out Gate 3 Comments	14d	15-Dec-22	17-Jan-23	98d
DG-150-TP-3100	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Update AFC	6d	18-Jan-23	25-Jan-23	106d
DG-150-TP-3120	Design - Area 150 1G-1K - Substations (Traction Power) - AECOM Issue AFC	0d		25-Jan-23	106d
Area 200 - Dawn Pde to Terminus End (Ch 37,150 - 40,135)		389d	20-Jul-21	27-Feb-23	321d
Goodwin Terrace Contaminated Land Plan and Report		1d	20-Jul-21	20-Jul-21	100d



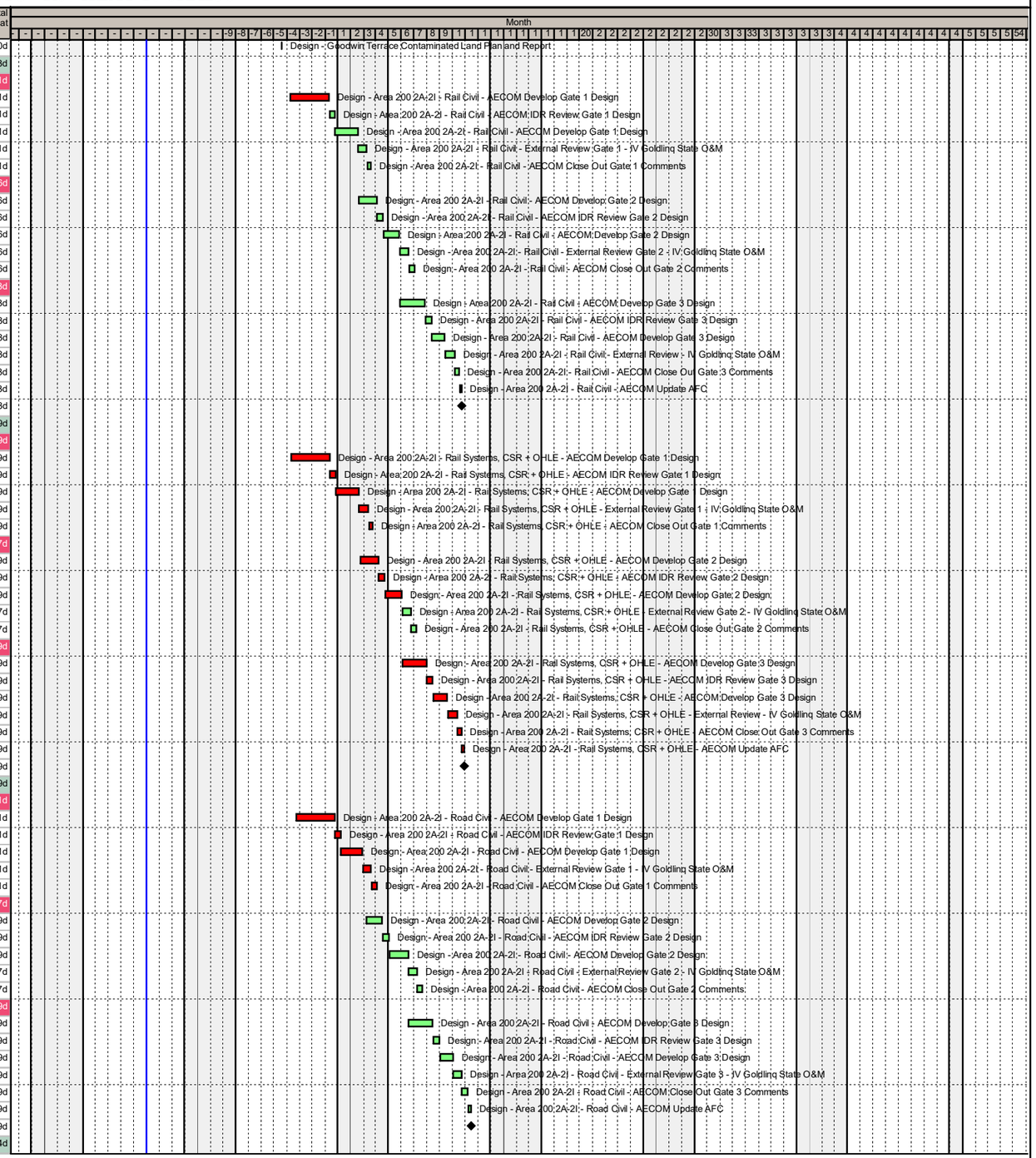
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-i86-1000	Design - Goodwin Terrace Contaminated Land Plan and Report	1d	20-Jul-21	20-Jul-21	100d
Area 200 - Zone 2A to 2I - Rail Civil		275d	10-Aug-21	23-Sep-22	143d
Design Development Gate 1 - 70%		124d	10-Aug-21	17-Feb-22	31d
DG-200-RaC-1000	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 1 Design	65d	10-Aug-21	10-Nov-21	21d
DG-200-RaC-1020	Design - Area 200 2A-2I - Rail Civil - AECOM IDR Review Gate 1 Design	10d	11-Nov-21	24-Nov-21	31d
DG-200-RaC-1040	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 1 Design	27d	25-Nov-21	17-Jan-22	31d
DG-200-RaC-1060	Design - Area 200 2A-2I - Rail Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	18-Jan-22	08-Feb-22	31d
DG-200-RaC-1080	Design - Area 200 2A-2I - Rail Civil - AECOM Close Out Gate 1 Comments	7d	09-Feb-22	17-Feb-22	31d
Design Development Gate 2		90d	20-Jan-22	01-Jun-22	116d
DG-200-RaC-2000	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 2 Design	30d	20-Jan-22	03-Mar-22	116d
DG-200-RaC-2020	Design - Area 200 2A-2I - Rail Civil - AECOM IDR Review Gate 2 Design	11d	04-Mar-22	18-Mar-22	116d
DG-200-RaC-2040	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 2 Design	25d	21-Mar-22	27-Apr-22	116d
DG-200-RaC-2060	Design - Area 200 2A-2I - Rail Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	28-Apr-22	19-May-22	116d
DG-200-RaC-2080	Design - Area 200 2A-2I - Rail Civil - AECOM Close Out Gate 2 Comments	9d	20-May-22	01-Jun-22	116d
Design Development Gate 3 - AFC		105d	28-Apr-22	23-Sep-22	143d
DG-200-RaC-3000	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 3 Design	42d	28-Apr-22	27-Jun-22	143d
DG-200-RaC-3020	Design - Area 200 2A-2I - Rail Civil - AECOM IDR Review Gate 3 Design	11d	28-Jun-22	12-Jul-22	143d
DG-200-RaC-3040	Design - Area 200 2A-2I - Rail Civil - AECOM Develop Gate 3 Design	23d	13-Jul-22	12-Aug-22	143d
DG-200-RaC-3060	Design - Area 200 2A-2I - Rail Civil - External Review - IV Goldlinq State O&M	15d	15-Aug-22	05-Sep-22	143d
DG-200-RaC-3080	Design - Area 200 2A-2I - Rail Civil - AECOM Close Out Gate 3 Comments	9d	06-Sep-22	16-Sep-22	143d
DG-200-RaC-3100	Design - Area 200 2A-2I - Rail Civil - AECOM Update AFC	5d	19-Sep-22	23-Sep-22	143d
DG-200-RaC-3120	Design - Area 200 2A-2I - Rail Civil - AECOM Issue AFC	0d		23-Sep-22	143d
Area 200 - Zone 2A to 2I - Rail Syatems, CSR+ OHLE		278d	11-Aug-21	29-Sep-22	139d
Design Development Gate 1 - 70%		126d	11-Aug-21	22-Feb-22	139d
DG-200-RaS-1000	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 1 Design	65d	11-Aug-21	11-Nov-21	139d
DG-200-RaS-1020	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 1 Design	10d	12-Nov-21	25-Nov-21	139d
DG-200-RaS-1040	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 1 Design	29d	26-Nov-21	20-Jan-22	139d
DG-200-RaS-1060	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - External Review Gate 1 - IV Goldlinq State O&M	15d	21-Jan-22	11-Feb-22	139d
DG-200-RaS-1080	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Close Out Gate 1 Comments	7d	14-Feb-22	22-Feb-22	139d
Design Development Gate 2		90d	25-Jan-22	06-Jun-22	147d
DG-200-RaS-2000	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 2 Design	30d	25-Jan-22	08-Mar-22	139d
DG-200-RaS-2020	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 2 Design	11d	09-Mar-22	23-Mar-22	139d
DG-200-RaS-2040	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 2 Design	25d	24-Mar-22	03-May-22	139d
DG-200-RaS-2060	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - External Review Gate 2 - IV Goldlinq State O&M	15d	04-May-22	24-May-22	147d
DG-200-RaS-2080	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Close Out Gate 2 Comments	9d	25-May-22	06-Jun-22	147d
Design Development Gate 3 - AFC		106d	04-May-22	29-Sep-22	139d
DG-200-RaS-3000	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 3 Design	42d	04-May-22	30-Jun-22	139d
DG-200-RaS-3020	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM IDR Review Gate 3 Design	11d	01-Jul-22	15-Jul-22	139d
DG-200-RaS-3040	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Develop Gate 3 Design	25d	18-Jul-22	19-Aug-22	139d
DG-200-RaS-3060	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - External Review - IV Goldlinq State O&M	15d	22-Aug-22	12-Sep-22	139d
DG-200-RaS-3080	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Close Out Gate 3 Comments	8d	13-Sep-22	22-Sep-22	139d
DG-200-RaS-3100	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Update AFC	5d	23-Sep-22	29-Sep-22	139d
DG-200-RaS-3120	Design - Area 200 2A-2I - Rail Systems, CSR + OHLE - AECOM Issue AFC	0d		29-Sep-22	139d
Area 200 - Zone 2A to 2I - Road Civil		280d	23-Aug-21	14-Oct-22	129d
Design Development Gate 1 - 70%		125d	23-Aug-21	03-Mar-22	21d
DG-200-RoC-1000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 1 Design	65d	23-Aug-21	23-Nov-21	21d
DG-200-RoC-1020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 1 Design	10d	24-Nov-21	07-Dec-21	21d
DG-200-RoC-1040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 1 Design	26d	08-Dec-21	28-Jan-22	21d
DG-200-RoC-1060	Design - Area 200 2A-2I - Road Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	31-Jan-22	18-Feb-22	21d
DG-200-RoC-1080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 1 Comments	9d	21-Feb-22	03-Mar-22	21d
Design Development Gate 2		93d	07-Feb-22	21-Jun-22	137d
DG-200-RoC-2000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 2 Design	29d	07-Feb-22	17-Mar-22	129d
DG-200-RoC-2020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 2 Design	11d	18-Mar-22	01-Apr-22	129d
DG-200-RoC-2040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 2 Design	29d	04-Apr-22	18-May-22	129d
DG-200-RoC-2060	Design - Area 200 2A-2I - Road Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	19-May-22	08-Jun-22	137d
DG-200-RoC-2080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 2 Comments	9d	09-Jun-22	21-Jun-22	137d
Design Development Gate 3 - AFC		105d	19-May-22	14-Oct-22	129d
DG-200-RoC-3000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 3 Design	42d	19-May-22	15-Jul-22	129d
DG-200-RoC-3020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 3 Design	11d	18-Jul-22	01-Aug-22	129d
DG-200-RoC-3040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 3 Design	22d	02-Aug-22	01-Sep-22	129d
DG-200-RoC-3060	Design - Area 200 2A-2I - Road Civil - External Review Gate 3 - IV Goldlinq State O&M	15d	02-Sep-22	22-Sep-22	129d
DG-200-RoC-3080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 3 Comments	10d	23-Sep-22	07-Oct-22	129d
DG-200-RoC-3100	Design - Area 200 2A-2I - Road Civil - AECOM Update AFC	5d	10-Oct-22	14-Oct-22	129d
DG-200-RoC-3120	Design - Area 200 2A-2I - Road Civil - AECOM Issue AFC	0d		14-Oct-22	129d
Area 200 - Zone 2A to 2I - Drainage		281d	30-Aug-21	21-Oct-22	124d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Design Development Gate 1 - 70%		126d	30-Aug-21	10-Mar-22	124d
DG-200-DrN-1000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 1 Design	65d	30-Aug-21	29-Nov-21	124d
DG-200-DrN-1020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 1 Design	10d	30-Nov-21	13-Dec-21	124d
DG-200-DrN-1040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 1 Design	27d	14-Dec-21	04-Feb-22	124d
DG-200-DrN-1060	Design - Area 200 2A-2I - Road Civil - External Review Gate 1 - IV Goldlinq State O&M	15d	07-Feb-22	25-Feb-22	124d
DG-200-DrN-1080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 1 Comments	9d	28-Feb-22	10-Mar-22	124d
Design Development Gate 2		93d	14-Feb-22	28-Jun-22	132d
DG-200-DrN-2000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 2 Design	29d	14-Feb-22	24-Mar-22	124d
DG-200-DrN-2020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 2 Design	11d	25-Mar-22	08-Apr-22	124d
DG-200-DrN-2040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 2 Design	29d	11-Apr-22	25-May-22	124d
DG-200-DrN-2060	Design - Area 200 2A-2I - Road Civil - External Review Gate 2 - IV Goldlinq State O&M	15d	26-May-22	15-Jun-22	132d
DG-200-DrN-2080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 2 Comments	9d	16-Jun-22	28-Jun-22	132d
Design Development Gate 3 - AFC		105d	26-May-22	21-Oct-22	124d
DG-200-DrN-3000	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 3 Design	42d	26-May-22	22-Jul-22	124d
DG-200-DrN-3020	Design - Area 200 2A-2I - Road Civil - AECOM IDR Review Gate 3 Design	11d	25-Jul-22	08-Aug-22	124d
DG-200-DrN-3040	Design - Area 200 2A-2I - Road Civil - AECOM Develop Gate 3 Design	22d	09-Aug-22	08-Sep-22	124d
DG-200-DrN-3060	Design - Area 200 2A-2I - Road Civil - External Review Gate 3 - IV Goldlinq State O&M	15d	09-Sep-22	29-Sep-22	124d
DG-200-DrN-3080	Design - Area 200 2A-2I - Road Civil - AECOM Close Out Gate 3 Comments	10d	30-Sep-22	14-Oct-22	124d
DG-200-DrN-3100	Design - Area 200 2A-2I - Road Civil - AECOM Update AFC	5d	17-Oct-22	21-Oct-22	124d
DG-200-DrN-3120	Design - Area 200 2A-2I - Road Civil - AECOM Issue AFC	0d		21-Oct-22	124d
Area 200 - Zone 2A to 2I - Structures		280d	26-Aug-21	19-Oct-22	126d
Design Development Gate 1 - 70%		126d	26-Aug-21	09-Mar-22	126d
DG-200-StR-1000	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 1 Design	65d	26-Aug-21	26-Nov-21	126d
DG-200-StR-1020	Design - Area 200 2A-2I - Structures - AECOM IDR Review Gate 1 Design	10d	29-Nov-21	10-Dec-21	126d
DG-200-StR-1040	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 1 Design	27d	13-Dec-21	03-Feb-22	126d
DG-200-StR-1060	Design - Area 200 2A-2I - Structures - External Review Gate 1 - IV Goldlinq State O&M	15d	04-Feb-22	24-Feb-22	126d
DG-200-StR-1080	Design - Area 200 2A-2I - Structures - AECOM Close Out Gate 1 Comments	9d	25-Feb-22	09-Mar-22	126d
Design Development Gate 2		93d	11-Feb-22	27-Jun-22	132d
DG-200-StR-2000	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 2 Design	29d	11-Feb-22	23-Mar-22	126d
DG-200-StR-2020	Design - Area 200 2A-2I - Structures - AECOM IDR Review Gate 2 Design	11d	24-Mar-22	07-Apr-22	126d
DG-200-StR-2040	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 2 Design	29d	08-Apr-22	24-May-22	126d
DG-200-StR-2060	Design - Area 200 2A-2I - Structures - External Review Gate 2 - IV Goldlinq State O&M	15d	25-May-22	14-Jun-22	132d
DG-200-StR-2080	Design - Area 200 2A-2I - Structures - AECOM Close Out Gate 2 Comments	9d	15-Jun-22	27-Jun-22	132d
Design Development Gate 3 - AFC		104d	25-May-22	19-Oct-22	126d
DG-200-StR-3000	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 3 Design	40d	25-May-22	19-Jul-22	126d
DG-200-StR-3020	Design - Area 200 2A-2I - Structures - AECOM IDR Review Gate 3 Design	11d	20-Jul-22	03-Aug-22	126d
DG-200-StR-3040	Design - Area 200 2A-2I - Structures - AECOM Develop Gate 3 Design	21d	04-Aug-22	02-Sep-22	126d
DG-200-StR-3060	Design - Area 200 2A-2I - Structures - External Review Gate 3 - IV Goldlinq State O&M	15d	05-Sep-22	23-Sep-22	126d
DG-200-StR-3080	Design - Area 200 2A-2I - Structures - AECOM Close Out Gate 3 Comments	12d	26-Sep-22	12-Oct-22	126d
DG-200-StR-3100	Design - Area 200 2A-2I - Structures - AECOM Update AFC	5d	13-Oct-22	19-Oct-22	126d
DG-200-StR-3120	Design - Area 200 2A-2I - Structures - AECOM Issue AFC	0d		19-Oct-22	126d
Area 200 - Zone 2A to 2I - Stations (MIA / CHA / SAB / BUH)		294d	16-Aug-21	27-Oct-22	397d
Design Development Gate 1 - 70%		129d	16-Aug-21	02-Mar-22	397d
DG-200-StN-1000	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 1 Design	64d	16-Aug-21	15-Nov-21	84d
DG-200-StN-1020	Design - Area 200 2A-2I - Stations - AECOM IDR Review Gate 1 Design	10d	16-Nov-21	29-Nov-21	84d
DG-200-StN-1040	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 1 Design	29d	30-Nov-21	24-Jan-22	84d
DG-200-StN-1060	Design - Area 200 2A-2I - Stations - External Review Gate 1 - IV Goldlinq State O&M	15d	25-Jan-22	15-Feb-22	397d
DG-200-StN-1080	Design - Area 200 2A-2I - Stations - AECOM Close Out Gate 1 Comments	11d	16-Feb-22	02-Mar-22	397d
Design Development Gate 2		93d	28-Jan-22	13-Jun-22	404d
DG-200-StN-2000	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 2 Design	34d	28-Jan-22	16-Mar-22	397d
DG-200-StN-2020	Design - Area 200 2A-2I - Stations - AECOM IDR Review Gate 2 Design	10d	17-Mar-22	30-Mar-22	397d
DG-200-StN-2040	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 2 Design	25d	31-Mar-22	10-May-22	397d
DG-200-StN-2060	Design - Area 200 2A-2I - Stations - External Review Gate 2 - IV Goldlinq State O&M	15d	11-May-22	31-May-22	404d
DG-200-StN-2080	Design - Area 200 2A-2I - Stations - AECOM Close Out Gate 2 Comments	9d	01-Jun-22	13-Jun-22	404d
Design Development Gate 3 - AFC		120d	11-May-22	27-Oct-22	397d
DG-200-StN-3000	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 3 Design	41d	11-May-22	06-Jul-22	397d
DG-200-StN-3020	Design - Area 200 2A-2I - Stations - AECOM IDR Review Gate 3 Design	11d	07-Jul-22	21-Jul-22	397d
DG-200-StN-3040	Design - Area 200 2A-2I - Stations - AECOM Develop Gate 3 Design	41d	22-Jul-22	19-Sep-22	397d
DG-200-StN-3060	Design - Area 200 2A-2I - Stations - External Review Gate 3 - IV Goldlinq State O&M	15d	20-Sep-22	11-Oct-22	397d
DG-200-StN-3080	Design - Area 200 2A-2I - Stations - Close Out Gate 3 Comments	7d	12-Oct-22	20-Oct-22	397d
DG-200-StN-3100	Design - Area 200 2A-2I - Stations - AECOM Update AFC	5d	21-Oct-22	27-Oct-22	397d
DG-200-StN-3120	Design - Area 200 2A-2I - Stations - AECOM Issue AFC	0d		27-Oct-22	397d
Area 200 - Zone 2A to 2I - Urban Design and Public Realm		292d	18-Aug-21	27-Oct-22	397d
Design Development Gate 1 - 70%		129d	18-Aug-21	04-Mar-22	397d
DG-200-UrD-1000	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 1 Design	64d	18-Aug-21	17-Nov-21	397d



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Project ID : P00287-PTSub-023
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-200-UrD-1020	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM IDR Review Gate 1 Design	10d	18-Nov-21	01-Dec-21	397d
DG-200-UrD-1040	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 1 Design	29d	02-Dec-21	27-Jan-22	397d
DG-200-UrD-1060	Design - Area 200 2A-2I - Urban Design & Public Realm - External Review Gate 1 - IV Goldlinq State O&M	15d	28-Jan-22	17-Feb-22	397d
DG-200-UrD-1080	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Close Out Gate 1 Comments	11d	18-Feb-22	04-Mar-22	397d
Design Development Gate 2		91d	01-Feb-22	13-Jun-22	404d
DG-200-UrD-2000	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 2 Design	34d	01-Feb-22	18-Mar-22	397d
DG-200-UrD-2020	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM IDR Review Gate 2 Design	10d	21-Mar-22	01-Apr-22	397d
DG-200-UrD-2040	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 2 Design	23d	04-Apr-22	10-May-22	397d
DG-200-UrD-2060	Design - Area 200 2A-2I - Urban Design & Public Realm - External Review Gate 2 - IV Goldlinq State O&M	15d	11-May-22	31-May-22	404d
DG-200-UrD-2080	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Close Out Gate 2 Comments	9d	01-Jun-22	13-Jun-22	404d
Design Development Gate 3 - AFC		120d	11-May-22	27-Oct-22	397d
DG-200-UrD-3000	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 3 Design	41d	11-May-22	06-Jul-22	397d
DG-200-UrD-3020	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM IDR Review Gate 3 Design	11d	07-Jul-22	21-Jul-22	397d
DG-200-UrD-3040	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Develop Gate 3 Design	43d	22-Jul-22	21-Sep-22	397d
DG-200-UrD-3060	Design - Area 200 2A-2I - Urban Design & Public Realm - External Review Gate 3 - IV Goldlinq State O&M	15d	22-Sep-22	13-Oct-22	397d
DG-200-UrD-3080	Design - Area 200 2A-2I - Urban Design & Public Realm - Close Out Gate 3 Comments	5d	14-Oct-22	20-Oct-22	397d
DG-200-UrD-3100	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Update AFC	5d	21-Oct-22	27-Oct-22	397d
DG-200-UrD-3120	Design - Area 200 2A-2I - Urban Design & Public Realm - AECOM Issue AFC	0d		27-Oct-22	397d
Area 200 - Zone 2A to 2I - Substations (Traction Power)		290d	08-Dec-21	27-Feb-23	162d
Design Development Gate 1 - 70%		134d	08-Dec-21	05-Jul-22	95d
DG-200-TP-1000	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 1 Design	37d	08-Dec-21	14-Feb-22	84d
DG-200-TP-1020	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM IDR Review Gate 1 Design	9d	15-Feb-22	25-Feb-22	84d
DG-200-TP-1040	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 1 Design	59d	28-Feb-22	25-May-22	84d
DG-200-TP-1060	Design - Area 200 2A-2I - Substations (Traction Power) - External Review Gate 1 - IV Goldlinq State O&M	15d	26-May-22	15-Jun-22	95d
DG-200-TP-1080	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Close Out Gate 1 Comments	14d	16-Jun-22	05-Jul-22	95d
Design Development Gate 2		98d	26-May-22	12-Oct-22	98d
DG-200-TP-2000	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 2 Design	40d	26-May-22	20-Jul-22	84d
DG-200-TP-2020	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM IDR Review Gate 2 Design	6d	21-Jul-22	28-Jul-22	84d
DG-200-TP-2040	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 2 Design	24d	29-Jul-22	01-Sep-22	84d
DG-200-TP-2060	Design - Area 200 2A-2I - Substations (Traction Power) - External Review Gate 2 - IV Goldlinq State O&M	15d	02-Sep-22	22-Sep-22	98d
DG-200-TP-2080	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Close Out Gate 2 Comments	13d	23-Sep-22	12-Oct-22	98d
Design Development Gate 3 - AFC		115d	02-Sep-22	27-Feb-23	162d
DG-200-TP-3000	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 3 Design	42d	02-Sep-22	01-Nov-22	84d
DG-200-TP-3020	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM IDR Review Gate 3 Design	11d	02-Nov-22	16-Nov-22	84d
DG-200-TP-3040	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Develop Gate 3 Design	32d	17-Nov-22	13-Jan-23	84d
DG-200-TP-3060	Design - Area 200 2A-2I - Substations (Traction Power) - External Review Gate 3 - IV Goldlinq State O&M	15d	16-Jan-23	06-Feb-23	84d
DG-200-TP-3080	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Close Out Gate 3 Comments	10d	07-Feb-23	20-Feb-23	162d
DG-200-TP-3100	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Update AFC	5d	21-Feb-23	27-Feb-23	162d
DG-200-TP-3120	Design - Area 200 2A-2I - Substations (Traction Power) - AECOM Issue AFC	0d		27-Feb-23	162d
Area 300 - Depot		227d	20-Jul-21	27-Jun-22	307d
Area 300 - Depot - Car Park		195d	20-Jul-21	12-May-22	190d
Design Development Gate 1 - 70%		79d	20-Jul-21	09-Nov-21	190d
DG-300-CP-1000	Design - Area 300 - Car Park - AECOM Develop Gate 1 Design	27d	20-Jul-21	25-Aug-21	190d
DG-300-CP-1020	Design - Area 300 - Car Park - AECOM IDR Review Gate 1 Design	5d	26-Aug-21	02-Sep-21	190d
DG-300-CP-1040	Design - Area 300 - Car Park - AECOM Develop Gate 1 Design	27d	03-Sep-21	12-Oct-21	190d
DG-300-CP-1060	Design - Area 300 - Car Park - External Review Gate 1 - IV Goldlinq State O&M	15d	13-Oct-21	02-Nov-21	190d
DG-300-CP-1080	Design - Area 300 - Car Park - AECOM Close Out Gate 1 Comments	5d	03-Nov-21	09-Nov-21	190d
Design Development Gate 2		71d	13-Oct-21	04-Feb-22	205d
DG-300-CP-2000	Design - Area 300 - Car Park - AECOM Develop Gate 2 Design	20d	13-Oct-21	09-Nov-21	190d
DG-300-CP-2020	Design - Area 300 - Car Park - AECOM IDR Review Gate 2 Design	5d	10-Nov-21	16-Nov-21	190d
DG-300-CP-2040	Design - Area 300 - Car Park - AECOM Develop Gate 2 Design	21d	17-Nov-21	15-Dec-21	190d
DG-300-CP-2060	Design - Area 300 - Car Park - External Review Gate 2 - IV Goldlinq State O&M	15d	16-Dec-21	20-Jan-22	205d
DG-300-CP-2080	Design - Area 300 - Car Park - AECOM Close Out Gate 2 Comments	10d	21-Jan-22	04-Feb-22	205d
Design Development Gate 3 - AFC		90d	16-Dec-21	12-May-22	190d
DG-300-CP-3000	Design - Area 300 - Car Park - AECOM Develop Gate 3 Design	40d	16-Dec-21	25-Feb-22	190d
DG-300-CP-3020	Design - Area 300 - Car Park - AECOM IDR Review Gate 3 Design	5d	28-Feb-22	04-Mar-22	190d
DG-300-CP-3040	Design - Area 300 - Car Park - AECOM Develop Gate 3 Design	23d	07-Mar-22	06-Apr-22	190d
DG-300-CP-3060	Design - Area 300 - Car Park - External Review Gate 3 - IV Goldlinq State O&M	15d	07-Apr-22	03-May-22	190d
DG-300-CP-3080	Design - Area 300 - Car Park - AECOM Close Out Gate 3 Comments	3d	04-May-22	06-May-22	190d
DG-300-CP-3100	Design - Area 300 - Car Park - AECOM Update AFC	4d	09-May-22	12-May-22	190d
DG-300-CP-3120	Design - Area 300 - Car Park - AECOM Issue AFC	0d		12-May-22	190d
Area 300 - Depot - Stabling Yard		197d	20-Jul-21	16-May-22	201d
Design Development Gate 1 - 70%		82d	20-Jul-21	12-Nov-21	199d
DG-300-StY-1000	Design - Area 300 - Stabling Yard - AECOM Develop Gate 1 Design	29d	20-Jul-21	30-Aug-21	193d
DG-300-StY-1020	Design - Area 300 - Stabling Yard - AECOM IDR Review Gate 1 Design	7d	31-Aug-21	08-Sep-21	193d



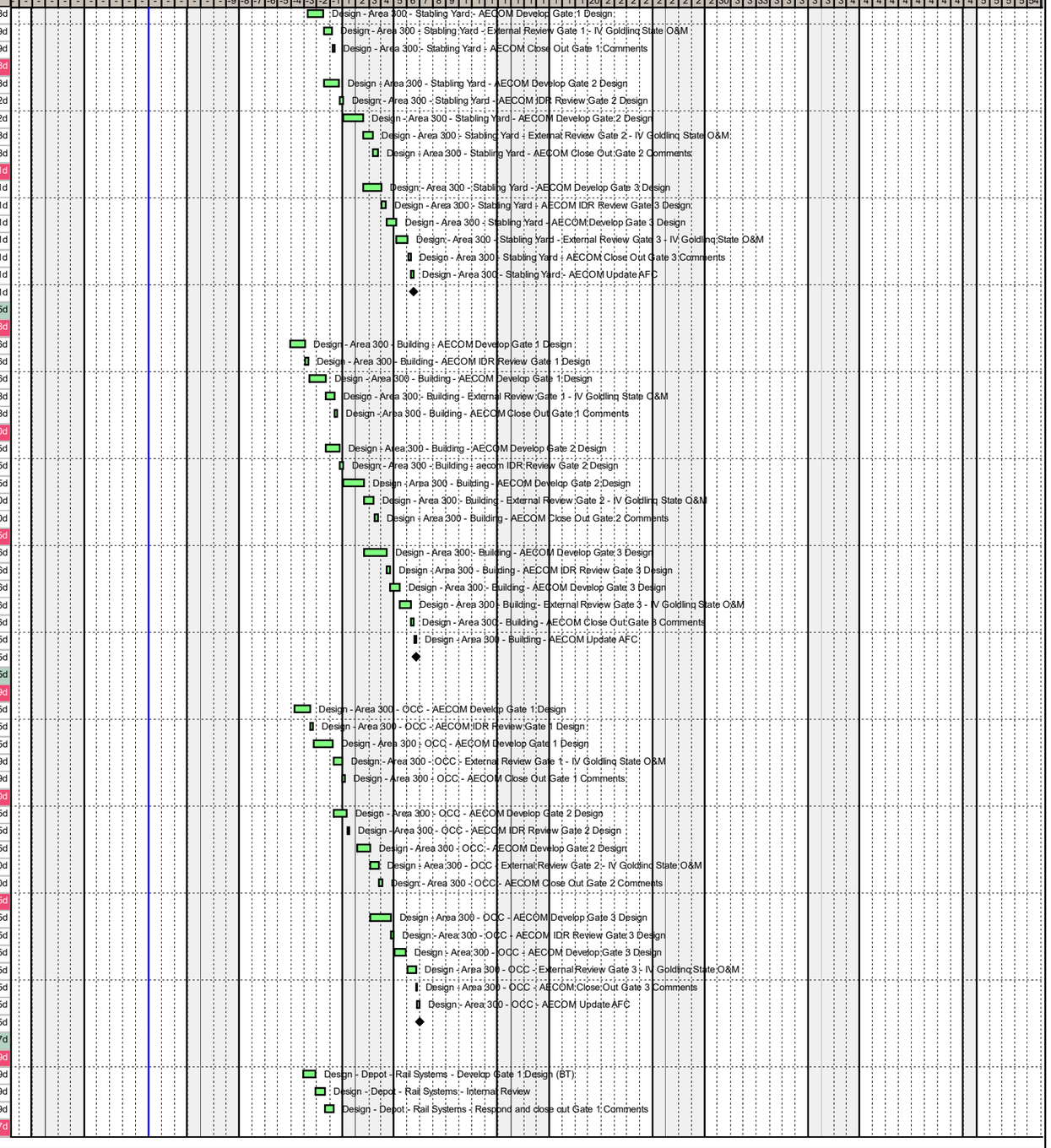
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-300-StY-1040	Design - Area 300 - Stabling Yard - AECOM Develop Gate 1 Design	26d	09-Sep-21	15-Oct-21	193d
DG-300-StY-1060	Design - Area 300 - Stabling Yard - External Review Gate 1 - IV Goldlinq State O&M	15d	18-Oct-21	05-Nov-21	199d
DG-300-StY-1080	Design - Area 300 - Stabling Yard - AECOM Close Out Gate 1 Comments	5d	08-Nov-21	12-Nov-21	199d
Design Development Gate 2		79d	18-Oct-21	21-Feb-22	208d
DG-300-StY-2000	Design - Area 300 - Stabling Yard - AECOM Develop Gate 2 Design	26d	18-Oct-21	22-Nov-21	193d
DG-300-StY-2020	Design - Area 300 - Stabling Yard - AECOM IDR Review Gate 2 Design	7d	24-Nov-21	02-Dec-21	192d
DG-300-StY-2040	Design - Area 300 - Stabling Yard - AECOM Develop Gate 2 Design	22d	03-Dec-21	18-Jan-22	192d
DG-300-StY-2060	Design - Area 300 - Stabling Yard - External Review Gate 2 - IV Goldlinq State O&M	15d	19-Jan-22	09-Feb-22	208d
DG-300-StY-2080	Design - Area 300 - Stabling Yard - AECOM Close Out Gate 2 Comments	8d	10-Feb-22	21-Feb-22	208d
Design Development Gate 3 - AFC		79d	19-Jan-22	16-May-22	201d
DG-300-StY-3000	Design - Area 300 - Stabling Yard - AECOM Develop Gate 3 Design	30d	19-Jan-22	02-Mar-22	201d
DG-300-StY-3020	Design - Area 300 - Stabling Yard - AECOM IDR Review Gate 3 Design	7d	03-Mar-22	11-Mar-22	201d
DG-300-StY-3040	Design - Area 300 - Stabling Yard - AECOM Develop Gate 3 Design	18d	14-Mar-22	06-Apr-22	201d
DG-300-StY-3060	Design - Area 300 - Stabling Yard - External Review Gate 3 - IV Goldlinq State O&M	15d	07-Apr-22	03-May-22	201d
DG-300-StY-3080	Design - Area 300 - Stabling Yard - AECOM Close Out Gate 3 Comments	5d	04-May-22	10-May-22	201d
DG-300-StY-3100	Design - Area 300 - Stabling Yard - AECOM Update AFC	4d	11-May-22	16-May-22	201d
DG-300-StY-3120	Design - Area 300 - Stabling Yard - AECOM Issue AFC	0d		16-May-22	201d
Area 300 - Depot - Building		194d	30-Jul-21	23-May-22	255d
Design Development Gate 1 - 70%		78d	30-Jul-21	18-Nov-21	258d
DG-300-BID-1000	Design - Area 300 - Building - AECOM Develop Gate 1 Design	24d	30-Jul-21	02-Sep-21	236d
DG-300-BID-1020	Design - Area 300 - Building - AECOM IDR Review Gate 1 Design	6d	03-Sep-21	10-Sep-21	236d
DG-300-BID-1040	Design - Area 300 - Building - AECOM Develop Gate 1 Design	28d	13-Sep-21	21-Oct-21	236d
DG-300-BID-1060	Design - Area 300 - Building - External Review Gate 1 - IV Goldlinq State O&M	15d	22-Oct-21	11-Nov-21	258d
DG-300-BID-1080	Design - Area 300 - Building - AECOM Close Out Gate 1 Comments	5d	12-Nov-21	18-Nov-21	258d
Design Development Gate 2		76d	22-Oct-21	22-Feb-22	270d
DG-300-BID-2000	Design - Area 300 - Building - AECOM Develop Gate 2 Design	23d	22-Oct-21	23-Nov-21	255d
DG-300-BID-2020	Design - Area 300 - Building - aecom IDR Review Gate 2 Design	6d	24-Nov-21	01-Dec-21	255d
DG-300-BID-2040	Design - Area 300 - Building - AECOM Develop Gate 2 Design	25d	02-Dec-21	20-Jan-22	255d
DG-300-BID-2060	Design - Area 300 - Building - External Review Gate 2 - IV Goldlinq State O&M	15d	21-Jan-22	11-Feb-22	270d
DG-300-BID-2080	Design - Area 300 - Building - AECOM Close Out Gate 2 Comments	7d	14-Feb-22	22-Feb-22	270d
Design Development Gate 3 - AFC		82d	21-Jan-22	23-May-22	255d
DG-300-BID-3000	Design - Area 300 - Building - AECOM Develop Gate 3 Design	36d	21-Jan-22	14-Mar-22	256d
DG-300-BID-3020	Design - Area 300 - Building - AECOM IDR Review Gate 3 Design	6d	15-Mar-22	22-Mar-22	256d
DG-300-BID-3040	Design - Area 300 - Building - AECOM Develop Gate 3 Design	16d	23-Mar-22	13-Apr-22	256d
DG-300-BID-3060	Design - Area 300 - Building - External Review Gate 3 - IV Goldlinq State O&M	15d	14-Apr-22	10-May-22	256d
DG-300-BID-3080	Design - Area 300 - Building - AECOM Close Out Gate 3 Comments	4d	11-May-22	16-May-22	256d
DG-300-BID-3100	Design - Area 300 - Building - AECOM Update AFC	4d	18-May-22	23-May-22	255d
DG-300-BID-3120	Design - Area 300 - Building - AECOM Issue AFC	0d		23-May-22	255d
Area 300 - Depot - OCC (Gold Coast Universtit Hospital Station)		193d	10-Aug-21	31-May-22	325d
Design Development Gate 1 - 70%		83d	10-Aug-21	06-Dec-21	329d
DG-300-OcC-1000	Design - Area 300 - OCC - AECOM Develop Gate 1 Design	26d	10-Aug-21	15-Sep-21	325d
DG-300-OcC-1020	Design - Area 300 - OCC - AECOM IDR Review Gate 1 Design	5d	16-Sep-21	22-Sep-21	325d
DG-300-OcC-1040	Design - Area 300 - OCC - AECOM Develop Gate 1 Design	32d	23-Sep-21	08-Nov-21	325d
DG-300-OcC-1060	Design - Area 300 - OCC - External Review Gate 1 - IV Goldlinq State O&M	15d	09-Nov-21	29-Nov-21	329d
DG-300-OcC-1080	Design - Area 300 - OCC - AECOM Close Out Gate 1 Comments	5d	30-Nov-21	06-Dec-21	329d
Design Development Gate 2		71d	09-Nov-21	03-Mar-22	340d
DG-300-OcC-2000	Design - Area 300 - OCC - AECOM Develop Gate 2 Design	24d	09-Nov-21	10-Dec-21	325d
DG-300-OcC-2020	Design - Area 300 - OCC - AECOM IDR Review Gate 2 Design	5d	13-Dec-21	17-Dec-21	325d
DG-300-OcC-2040	Design - Area 300 - OCC - AECOM Develop Gate 2 Design	22d	04-Jan-22	03-Feb-22	325d
DG-300-OcC-2060	Design - Area 300 - OCC - External Review Gate 2 - IV Goldlinq State O&M	15d	04-Feb-22	24-Feb-22	340d
DG-300-OcC-2080	Design - Area 300 - OCC - AECOM Close Out Gate 2 Comments	5d	25-Feb-22	03-Mar-22	340d
Design Development Gate 3 - AFC		79d	04-Feb-22	31-May-22	325d
DG-300-OcC-3000	Design - Area 300 - OCC - AECOM Develop Gate 3 Design	35d	04-Feb-22	24-Mar-22	325d
DG-300-OcC-3020	Design - Area 300 - OCC - AECOM IDR Review Gate 3 Design	5d	25-Mar-22	31-Mar-22	325d
DG-300-OcC-3040	Design - Area 300 - OCC - AECOM Develop Gate 3 Design	18d	01-Apr-22	29-Apr-22	325d
DG-300-OcC-3060	Design - Area 300 - OCC - External Review Gate 3 - IV Goldlinq State O&M	15d	03-May-22	23-May-22	325d
DG-300-OcC-3080	Design - Area 300 - OCC - AECOM Close Out Gate 3 Comments	2d	24-May-22	25-May-22	325d
DG-300-OcC-3100	Design - Area 300 - OCC - AECOM Update AFC	4d	26-May-22	31-May-22	325d
DG-300-OcC-3120	Design - Area 300 - OCC - AECOM Issue AFC	0d		31-May-22	325d
Area 300 - Depot - Rail Systems		198d	31-Aug-21	27-Jun-22	307d
Design Development Gate 1		50d	31-Aug-21	09-Nov-21	249d
DG-300-RS-1000	Design - Depot - Rail Systems - Develop Gate 1 Design (BT)	20d	31-Aug-21	27-Sep-21	249d
DG-300-RS-1020	Design - Depot - Rail Systems - Internal Review	15d	28-Sep-21	19-Oct-21	249d
DG-300-RS-1040	Design - Depot - Rail Systems - Respond and close out Gate 1 Comments	15d	20-Oct-21	09-Nov-21	249d
Design Development Gate 2		135d	05-Nov-21	06-Jun-22	307d



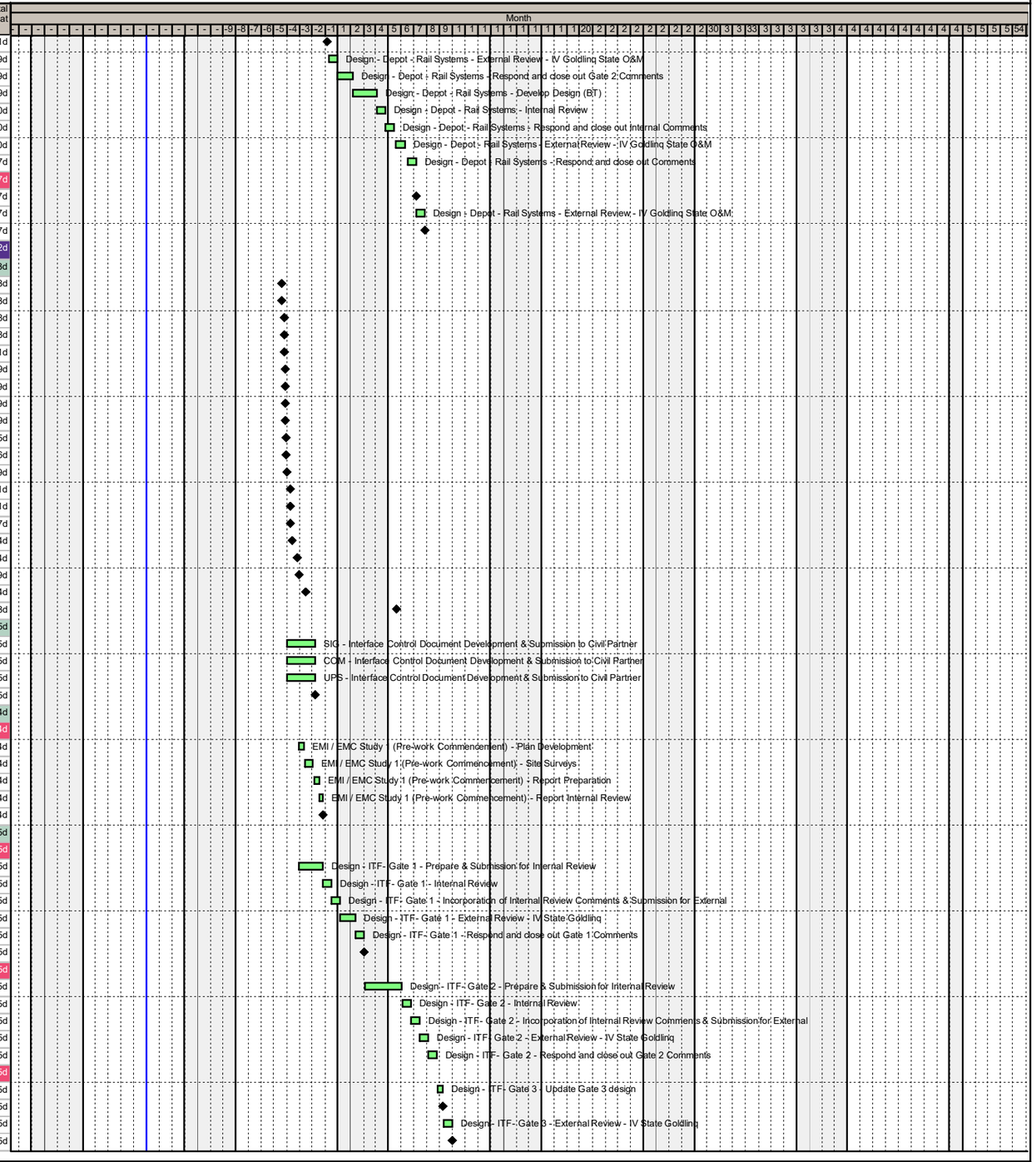
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-300-RS-a1200	Design - Depot - Rail Systems - Inputs from (AECOM) for Point Machines	0d		05-Nov-21	251d
DG-300-RS-1060	Design - Depot - Rail Systems - External Review - IV Goldlinq State O&M	15d	10-Nov-21	30-Nov-21	249d
DG-300-RS-1080	Design - Depot - Rail Systems - Respond and close out Gate 2 Comments	15d	01-Dec-21	05-Jan-22	249d
DG-300-RS-1100	Design - Depot - Rail Systems - Develop Design (BT)	40d	06-Jan-22	03-Mar-22	249d
DG-300-RS-1120	Design - Depot - Rail Systems - Internal Review	15d	04-Mar-22	24-Mar-22	310d
DG-300-RS-1140	Design - Depot - Rail Systems - Respond and close out Internal Comments	15d	25-Mar-22	14-Apr-22	310d
DG-300-RS-1160	Design - Depot - Rail Systems - External Review - IV Goldlinq State O&M	15d	19-Apr-22	11-May-22	310d
DG-300-RS-1260	Design - Depot - Rail Systems - Respond and close out Comments	15d	17-May-22	06-Jun-22	307d
AFC Design Gate 3		15d	06-Jun-22	27-Jun-22	307d
DG-300-RS-1280	Design - Depot - Rail Systems - Issue Gate 3 Design	0d		06-Jun-22	307d
DG-300-RS-1300	Design - Depot - Rail Systems - External Review - IV Goldlinq State O&M	15d	07-Jun-22	27-Jun-22	307d
DG-300-RS-1320	Design - Depot - Rail Systems - AFC Design	0d		27-Jun-22	307d
Rail Systems		528d	19-Jul-21	15-Sep-23	212d
Design Inputs by Bombardier (BT) and Goldlinq (OF3) to AECOM (DG3)		180d	19-Jul-21	19-Apr-22	133d
DG-INPUT-1180	Design Inputs - Stabling Facilities	0d		19-Jul-21	193d
DG-INPUT-1240	Design Inputs - Stabling Yard - Points and CCTV	0d		19-Jul-21	193d
DG-INPUT-1140	Design Inputs - Track Circuits (Northern Area)	0d		26-Jul-21	38d
DG-INPUT-1160	Design Inputs - Stabling and Point Machines at BBS	0d		26-Jul-21	38d
DG-INPUT-1060	Design Inputs - Signalling	0d		26-Jul-21	31d
DG-INPUT-1080	Design Inputs - Radio Systems	0d		27-Jul-21	109d
DG-INPUT-1040	Design Inputs - Cabling Provisions	0d		27-Jul-21	109d
DG-INPUT-1100	Design Inputs - Cabinet Locations / Loops	0d		27-Jul-21	109d
DG-INPUT-1320	Design Inputs - North Stops (Lightning Protect/Help points/PA/PID/CCTV/Stop Equip)	0d		27-Jul-21	109d
DG-INPUT-1120	Design Inputs - Wheel Rail Interface Confirmation by BT/GoldLinQ	0d		29-Jul-21	245d
DG-INPUT-1200	Design Inputs - Depot Lightning Protection	0d		29-Jul-21	236d
DG-INPUT-1280	Design Inputs - TPS Fire/Intruder Alarm - BT Provide Communication / Power Arrangements	0d		02-Aug-21	159d
DG-INPUT-1020	Design Inputs - Track Circuits (Southern Area)	0d		09-Aug-21	21d
DG-INPUT-1340	Design Inputs - Point Machines at Park Ave Crossover	0d		09-Aug-21	21d
DG-INPUT-1260	Design Inputs - Stray Current	0d		10-Aug-21	127d
DG-INPUT-1300	Design Inputs - South Stops (Lightning Protect/Help points/PA/PID/CCTV/Stop Equip)	0d		13-Aug-21	84d
DG-INPUT-1000	Design Inputs - Fire Brief - GCLR1&2	0d		26-Aug-21	234d
DG-INPUT-1220	Design Inputs - Control Room Incl Inputs BOCC + UNH Stop	0d		30-Aug-21	249d
DG-INPUT-1380	Design Inputs - Point Machines at Dawn Pde Crossover	0d		16-Sep-21	14d
DG-INPUT-1360	Design Inputs - Noise and Vibration	0d		19-Apr-22	133d
Design Interface		48d	02-Aug-21	08-Oct-21	325d
DG-RS-1000	SIG - Interface Control Document Development & Submission to Civil Partner	48d	02-Aug-21	08-Oct-21	325d
DG-RS-1020	COM - Interface Control Document Development & Submission to Civil Partner	48d	02-Aug-21	08-Oct-21	325d
DG-RS-1040	UPS - Interface Control Document Development & Submission to Civil Partner	48d	02-Aug-21	08-Oct-21	325d
DG-RS-2980	BT to Issue Typical Designs, ICD and Design to Facilitate Procurement of Separable Portion A	0d		08-Oct-21	325d
Project Wide		40d	30-Aug-21	25-Oct-21	664d
EMI/EMC Study		40d	30-Aug-21	25-Oct-21	664d
DG-RS-1100	EMI / EMC Study 1 (Pre-work Commencement) - Plan Development	10d	30-Aug-21	10-Sep-21	664d
DG-RS-1120	EMI / EMC Study 1 (Pre-work Commencement) - Site Surveys	15d	13-Sep-21	01-Oct-21	664d
DG-RS-1140	EMI / EMC Study 1 (Pre-work Commencement) - Report Preparation	10d	05-Oct-21	18-Oct-21	664d
DG-RS-1160	EMI / EMC Study 1 (Pre-work Commencement) - Report Internal Review	5d	19-Oct-21	25-Oct-21	664d
DG-RS-1180	EMI / EMC Study 1 (Pre-work Commencement) - Issue of Report	0d		25-Oct-21	664d
Integration Test Facility (ITF)		245d	30-Aug-21	31-Aug-22	275d
Design Development Gate 1		100d	30-Aug-21	02-Feb-22	275d
DG-4B-RS-1300	Design - ITF- Gate 1 - Prepare & Submission for Internal Review	40d	30-Aug-21	25-Oct-21	275d
DG-4B-RS-1320	Design - ITF- Gate 1 - Internal Review	15d	26-Oct-21	15-Nov-21	275d
DG-4B-RS-1340	Design - ITF- Gate 1 - Incorporation of Internal Review Comments & Submission for External	15d	16-Nov-21	06-Dec-21	275d
DG-4B-RS-1360	Design - ITF- Gate 1 - External Review - IV State Goldlinq	15d	07-Dec-21	11-Jan-22	275d
DG-4B-RS-1380	Design - ITF- Gate 1 - Respond and close out Gate 1 Comments	15d	12-Jan-22	02-Feb-22	275d
DG-4B-RS-1400	Design - ITF- Gate 1 - Preliminary Design Complete	0d		02-Feb-22	275d
Design Development Gate 2		120d	03-Feb-22	26-Jul-22	275d
DG-4B-RS-1420	Design - ITF- Gate 2 - Prepare & Submission for Internal Review	60d	03-Feb-22	03-May-22	275d
DG-4B-RS-1440	Design - ITF- Gate 2 - Internal Review	15d	04-May-22	24-May-22	275d
DG-4B-RS-1460	Design - ITF- Gate 2 - Incorporation of Internal Review Comments & Submission for External	15d	25-May-22	14-Jun-22	275d
DG-4B-RS-1480	Design - ITF- Gate 2 - External Review - IV State Goldlinq	15d	15-Jun-22	05-Jul-22	275d
DG-4B-RS-1500	Design - ITF- Gate 2 - Respond and close out Gate 2 Comments	15d	06-Jul-22	26-Jul-22	275d
AFC Design Gate 3		25d	27-Jul-22	31-Aug-22	275d
DG-4B-RS-1291	Design - ITF- Gate 3 - Update Gate 3 design	10d	27-Jul-22	09-Aug-22	275d
DG-4B-RS-1311	Design - ITF- Gate 3 - Issue Gate 3 Design	0d		09-Aug-22	275d
DG-4B-RS-1331	Design - ITF- Gate 3 - External Review - IV State Goldlinq	15d	10-Aug-22	31-Aug-22	275d
DG-4B-RS-1351	Design - ITF- Gate 3 - AFC Design	0d		31-Aug-22	275d



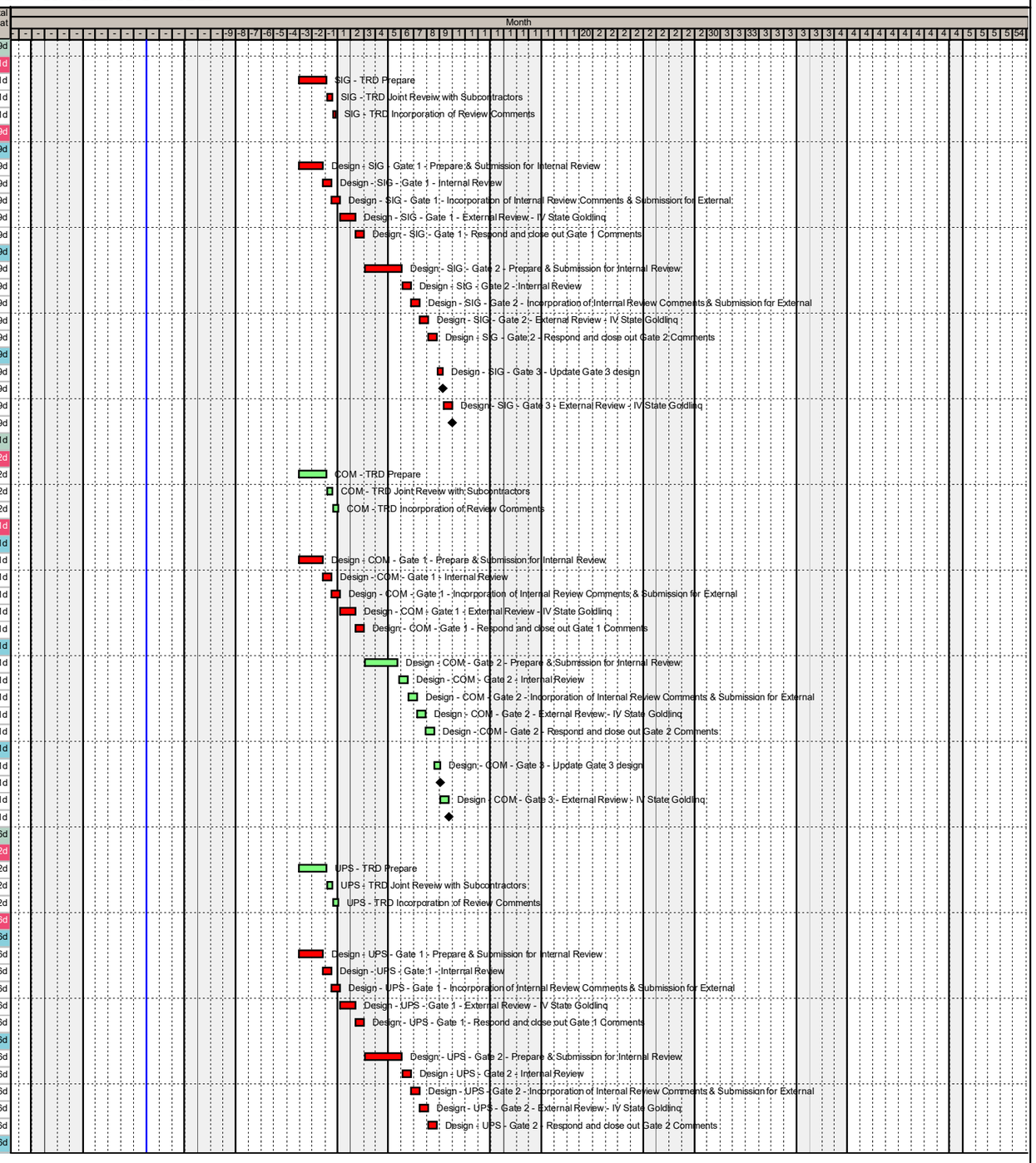
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Signalling		245d	30-Aug-21	31-Aug-22	169d
Signalling (TRD)		63d	30-Aug-21	25-Nov-21	291d
DG-RS-1540	SIG - TRD Prepare	48d	30-Aug-21	04-Nov-21	291d
DG-RS-1560	SIG - TRD Joint Reveiw with Subcontractors	10d	05-Nov-21	18-Nov-21	291d
DG-RS-1580	SIG - TRD Incorporation of Review Comments	5d	19-Nov-21	25-Nov-21	291d
Signalling (Design)		245d	30-Aug-21	31-Aug-22	169d
Design Development Gate 1		100d	30-Aug-21	02-Feb-22	169d
DG-RS-1600	Design - SIG - Gate 1 - Prepare & Submission for Internal Review	40d	30-Aug-21	25-Oct-21	169d
DG-RS-1620	Design - SIG - Gate 1 - Internal Review	15d	26-Oct-21	15-Nov-21	169d
DG-RS-1640	Design - SIG - Gate 1 - Incorporation of Internal Review Comments & Submission for External	15d	16-Nov-21	06-Dec-21	169d
DG-RS-1660	Design - SIG - Gate 1 - External Review - IV State Goldlinq	15d	07-Dec-21	11-Jan-22	169d
DG-RS-1680	Design - SIG - Gate 1 - Respond and close out Gate 1 Comments	15d	12-Jan-22	02-Feb-22	169d
Design Development Gate 2		120d	03-Feb-22	26-Jul-22	169d
DG-RS-1720	Design - SIG - Gate 2 - Prepare & Submiission for Internal Review	60d	03-Feb-22	03-May-22	169d
DG-RS-1740	Design - SIG - Gate 2 - Internal Review	15d	04-May-22	24-May-22	169d
DG-RS-1760	Design - SIG - Gate 2 - Incorporation of Internal Review Comments & Submission for External	15d	25-May-22	14-Jun-22	169d
DG-RS-1780	Design - SIG - Gate 2 - External Review - IV State Goldlinq	15d	15-Jun-22	05-Jul-22	169d
DG-RS-1800	Design - SIG - Gate 2 - Respond and close out Gate 2 Comments	15d	06-Jul-22	26-Jul-22	169d
AFC Design Gate 3		25d	27-Jul-22	31-Aug-22	169d
DG-4-1371	Design - SIG - Gate 3 - Update Gate 3 design	10d	27-Jul-22	09-Aug-22	169d
DG-4-1391	Design - SIG - Gate 3 - Issue Gate 3 Design	0d		09-Aug-22	169d
DG-4-1411	Design - SIG - Gate 3 - External Review - IV State Goldlinq	15d	10-Aug-22	31-Aug-22	169d
DG-4-1431	Design - SIG - Gate 3 - AFC Design	0d		31-Aug-22	169d
Communication		240d	30-Aug-21	23-Aug-22	321d
Communication (TRD)		68d	30-Aug-21	02-Dec-21	442d
DG-RS-1840	COM - TRD Prepare	48d	30-Aug-21	04-Nov-21	442d
DG-RS-1860	COM - TRD Joint Reveiw with Subcontractors	10d	05-Nov-21	18-Nov-21	442d
DG-RS-1880	COM - TRD Incorporation of Review Comments	10d	19-Nov-21	02-Dec-21	442d
Communication (Design)		240d	30-Aug-21	23-Aug-22	321d
Design Development Gate 1		100d	30-Aug-21	02-Feb-22	321d
DG-RS-1900	Design - COM - Gate 1 - Prepare & Submission for Internal Review	40d	30-Aug-21	25-Oct-21	321d
DG-RS-1920	Design - COM - Gate 1 - Internal Review	15d	26-Oct-21	15-Nov-21	321d
DG-RS-1940	Design - COM - Gate 1 - Incorporation of Internal Review Comments & Submission for External	15d	16-Nov-21	06-Dec-21	321d
DG-RS-1960	Design - COM - Gate 1 - External Review - IV State Goldlinq	15d	07-Dec-21	11-Jan-22	321d
DG-RS-1980	Design - COM - Gate 1 - Respond and close out Gate 1 Comments	15d	12-Jan-22	02-Feb-22	321d
Design Development Gate 2		115d	03-Feb-22	19-Jul-22	321d
DG-RS-2020	Design - COM - Gate 2 - Prepare & Submission for Internal Review	55d	03-Feb-22	22-Apr-22	321d
DG-RS-2040	Design - COM - Gate 2 - Internal Review	15d	26-Apr-22	17-May-22	321d
DG-RS-2060	Design - COM - Gate 2 - Incorporation of Internal Review Comments & Submission for External	15d	18-May-22	07-Jun-22	321d
DG-RS-2080	Design - COM - Gate 2 - External Review - IV State Goldlinq	15d	08-Jun-22	28-Jun-22	321d
DG-RS-2100	Design - COM - Gate 2 - Respond and close out Gate 2 Comments	15d	29-Jun-22	19-Jul-22	321d
AFC Design Gate 3		25d	20-Jul-22	23-Aug-22	321d
DG-4-1451	Design - COM - Gate 3 - Update Gate 3 design	10d	20-Jul-22	02-Aug-22	321d
DG-4-1471	Design - COM - Gate 3 - Issue Gate 3 Design	0d		02-Aug-22	321d
DG-4-1491	Design - COM - Gate 3 - External Review - IV State Goldlinq	15d	03-Aug-22	23-Aug-22	321d
DG-4-1511	Design - COM - Gate 3 - AFC Design	0d		23-Aug-22	321d
UPS Systems		245d	30-Aug-21	31-Aug-22	316d
UPS Systems (TRD)		68d	30-Aug-21	02-Dec-21	442d
DG-RS-2140	UPS - TRD Prepare	48d	30-Aug-21	04-Nov-21	442d
DG-RS-2160	UPS - TRD Joint Reveiw with Subcontractors	10d	05-Nov-21	18-Nov-21	442d
DG-RS-2180	UPS - TRD Incorporation of Review Comments	10d	19-Nov-21	02-Dec-21	442d
UPS Systems (Design)		245d	30-Aug-21	31-Aug-22	316d
Design Development Gate 1		100d	30-Aug-21	02-Feb-22	316d
DG-RS-2200	Design - UPS - Gate 1 - Prepare & Submission for Internal Review	40d	30-Aug-21	25-Oct-21	316d
DG-RS-2220	Design - UPS - Gate 1 - Internal Review	15d	26-Oct-21	15-Nov-21	316d
DG-RS-2240	Design - UPS - Gate 1 - Incorporation of Internal Review Comments & Submission for External	15d	16-Nov-21	06-Dec-21	316d
DG-RS-2260	Design - UPS - Gate 1 - External Review - IV State Goldlinq	15d	07-Dec-21	11-Jan-22	316d
DG-RS-2280	Design - UPS - Gate 1 - Respond and close out Gate 1 Comments	15d	12-Jan-22	02-Feb-22	316d
Design Development Gate 2		120d	03-Feb-22	26-Jul-22	316d
DG-RS-2320	Design - UPS - Gate 2 - Prepare & Submission for Internal Review	60d	03-Feb-22	03-May-22	316d
DG-RS-2340	Design - UPS - Gate 2 - Internal Review	15d	04-May-22	24-May-22	316d
DG-RS-2360	Design - UPS - Gate 2 - Incorporation of Internal Review Comments & Submission for External	15d	25-May-22	14-Jun-22	316d
DG-RS-2380	Design - UPS - Gate 2 - External Review - IV State Goldlinq	15d	15-Jun-22	05-Jul-22	316d
DG-RS-2400	Design - UPS - Gate 2 - Respond and close out Gate 2 Comments	15d	06-Jul-22	26-Jul-22	316d
AFC Design Gate 3		25d	27-Jul-22	31-Aug-22	316d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-4-1531	Design - UPS - Gate 3 - Update Gate 3 design	10d	27-Jul-22	09-Aug-22	316d
DG-4-1551	Design - UPS - Gate 3 - Issue Gate 3 Design	0d		09-Aug-22	316d
DG-4-1571	Design - UPS - Gate 3 - External Review - IV State Goldlinq	15d	10-Aug-22	31-Aug-22	316d
DG-4-1591	Design - UPS - Gate 3 - AFC Design	0d		31-Aug-22	316d
Control Systems		500d	30-Aug-21	15-Sep-23	212d
Control Systems (TRD)		63d	30-Aug-21	25-Nov-21	343d
DG-RS-2440	CS - TRD Prepare	48d	30-Aug-21	04-Nov-21	343d
DG-RS-2460	CS - TRD Joint Reveiw with Subcontractors	10d	05-Nov-21	18-Nov-21	343d
DG-RS-2480	CS - TRD Incorporation of Review Comments	5d	19-Nov-21	25-Nov-21	343d
Control Systems (Design)		245d	30-Aug-21	31-Aug-22	212d
Design Development Gate 1		100d	30-Aug-21	02-Feb-22	212d
DG-RS-2500	Design - CS - Gate 1 - Prepare & Submiission for Internal Review	40d	30-Aug-21	25-Oct-21	212d
DG-RS-2520	Design - CS - Gate 1 - Internal Review	15d	26-Oct-21	15-Nov-21	212d
DG-RS-2540	Design - CS - Gate 1 - Incorporation of Internal Review Comments & Submission for External	15d	16-Nov-21	06-Dec-21	212d
DG-RS-2560	Design - CS - Gate 1 - External Review - IV State Goldlinq	15d	07-Dec-21	11-Jan-22	212d
DG-RS-2580	Design - CS - Gate 1 - Respond and close out Gate 1 Comments	15d	12-Jan-22	02-Feb-22	212d
Design Development Gate 2		120d	03-Feb-22	26-Jul-22	212d
DG-RS-2620	Design - CS - Gate 2 - Prepare & Submission for Internal Review	60d	03-Feb-22	03-May-22	212d
DG-RS-2640	Design - CS - Gate 2 - Internal Review	15d	04-May-22	24-May-22	212d
DG-RS-2660	Design - CS - Gate 2 - Incorporation of Internal Review Comments & Submission for External	15d	25-May-22	14-Jun-22	212d
DG-RS-2680	Design - CS - Gate 2 - External Review - IV State Goldlinq	15d	15-Jun-22	05-Jul-22	212d
DG-RS-2700	Design - CS - Gate 2 - Respond and close out Gate 2 Comments	15d	06-Jul-22	26-Jul-22	212d
AFC Design Gate 3		25d	27-Jul-22	31-Aug-22	212d
DG-RS-1611	Design - CS - Gate 3 - Update Gate 3 design	10d	27-Jul-22	09-Aug-22	212d
DG-RS-1631	Design - CS - Gate 3 - Issue Gate 3 Design	0d		09-Aug-22	212d
DG-RS-1651	Design - CS - Gate 3 - External Review - IV State Goldlinq	15d	10-Aug-22	31-Aug-22	212d
DG-RS-1671	Design - CS - Gate 3 - AFC Design	0d		31-Aug-22	212d
Test Specifications		355d	07-Apr-22	15-Sep-23	212d
Control System FAT		65d	07-Apr-22	12-Jul-22	312d
DG-RS-2740	Design - CS - FAT Specifications - Prepare & Submiission for Internal Review	15d	07-Apr-22	03-May-22	312d
DG-RS-2760	Design - CS - FAT Specifications - Internal Review	15d	04-May-22	24-May-22	312d
DG-RS-2780	Design - CS - FAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	25-May-22	07-Jun-22	312d
DG-RS-2800	Design - CS - FAT Specifications - External Review - IV State Goldlinq	15d	08-Jun-22	28-Jun-22	312d
DG-RS-2820	Design - CS - FAT Specifications - Incorporation of External Review Comments	10d	29-Jun-22	12-Jul-22	312d
DG-RS-2840	Design - CS - FAT Specifications Complete	0d		12-Jul-22	312d
Control System SAT		65d	20-Mar-23	22-Jun-23	237d
DG-RS-2860	Design - CS - SAT Specifications - Prepare & Submiission for Internal Review	15d	20-Mar-23	11-Apr-23	237d
DG-RS-2880	Design - CS - SAT Specifications - Internal Review	15d	12-Apr-23	04-May-23	237d
DG-RS-2900	Design - CS - SAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	05-May-23	18-May-23	237d
DG-RS-2920	Design - CS - SAT Specifications - External Review - IV State Goldlinq	15d	19-May-23	08-Jun-23	237d
DG-RS-2940	Design - CS - SAT Specifications - Incorporation of External Review Comments	10d	09-Jun-23	22-Jun-23	237d
DG-RS-2960	Design - CS - SAT Specifications Complete	0d		22-Jun-23	237d
Communication System FAT		65d	01-Sep-22	01-Dec-22	212d
DG-RS-3000	Design - COM - FAT Specifications - Prepare & Submiission for Internal Review	15d	01-Sep-22	21-Sep-22	212d
DG-RS-3020	Design - COM - FAT Specifications - Internal Review	15d	22-Sep-22	13-Oct-22	212d
DG-RS-3040	Design - COM - FAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	14-Oct-22	27-Oct-22	212d
DG-RS-3060	Design - COM - FAT Specifications - External Review - IV State Goldlinq	15d	28-Oct-22	17-Nov-22	212d
DG-RS-3080	Design - COM - FAT Specifications - Incorporation of External Review Comments	10d	18-Nov-22	01-Dec-22	212d
DG-RS-3100	Design - COM - FAT Specifications Complete	0d		01-Dec-22	212d
Communication System SAT		65d	27-Apr-23	27-Jul-23	212d
DG-RS-3120	Design - COM - SAT Specifications - Prepare & Submiission for Internal Review	15d	27-Apr-23	18-May-23	212d
DG-RS-3140	Design - COM - SAT Specifications - Internal Review	15d	19-May-23	08-Jun-23	212d
DG-RS-3160	Design - COM - SAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	09-Jun-23	22-Jun-23	212d
DG-RS-3180	Design - COM - SAT Specifications - External Review - IV State Goldlinq	15d	23-Jun-23	13-Jul-23	212d
DG-RS-3200	Design - COM - SAT Specifications - Incorporation of External Review Comments	10d	14-Jul-23	27-Jul-23	212d
DG-RS-3220	Design - COM - SAT Specifications Complete	0d		27-Jul-23	212d
Signalling System FAT		65d	01-Sep-22	01-Dec-22	212d
DG-RS-3240	Design - SIG - FAT Specifications - Prepare & Submiission for Internal Review	15d	01-Sep-22	21-Sep-22	212d
DG-RS-3260	Design - SIG - FAT Specifications - Internal Review	15d	22-Sep-22	13-Oct-22	212d
DG-RS-3280	Design - SIG - FAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	14-Oct-22	27-Oct-22	212d
DG-RS-3300	Design - SIG - FAT Specifications - External Review - IV State Goldlinq	15d	28-Oct-22	17-Nov-22	212d
DG-RS-3320	Design - SIG - FAT Specifications - Incorporation of External Review Comments	10d	18-Nov-22	01-Dec-22	212d
DG-RS-3340	Design - SIG - FAT Specifications Complete	0d		01-Dec-22	212d
Signalling System SAT		65d	27-Apr-23	27-Jul-23	212d
DG-RS-3360	Design - SIG - SAT Specifications - Prepare & Submiission for Internal Review	15d	27-Apr-23	18-May-23	212d



Date	Revision	Checked	Approved

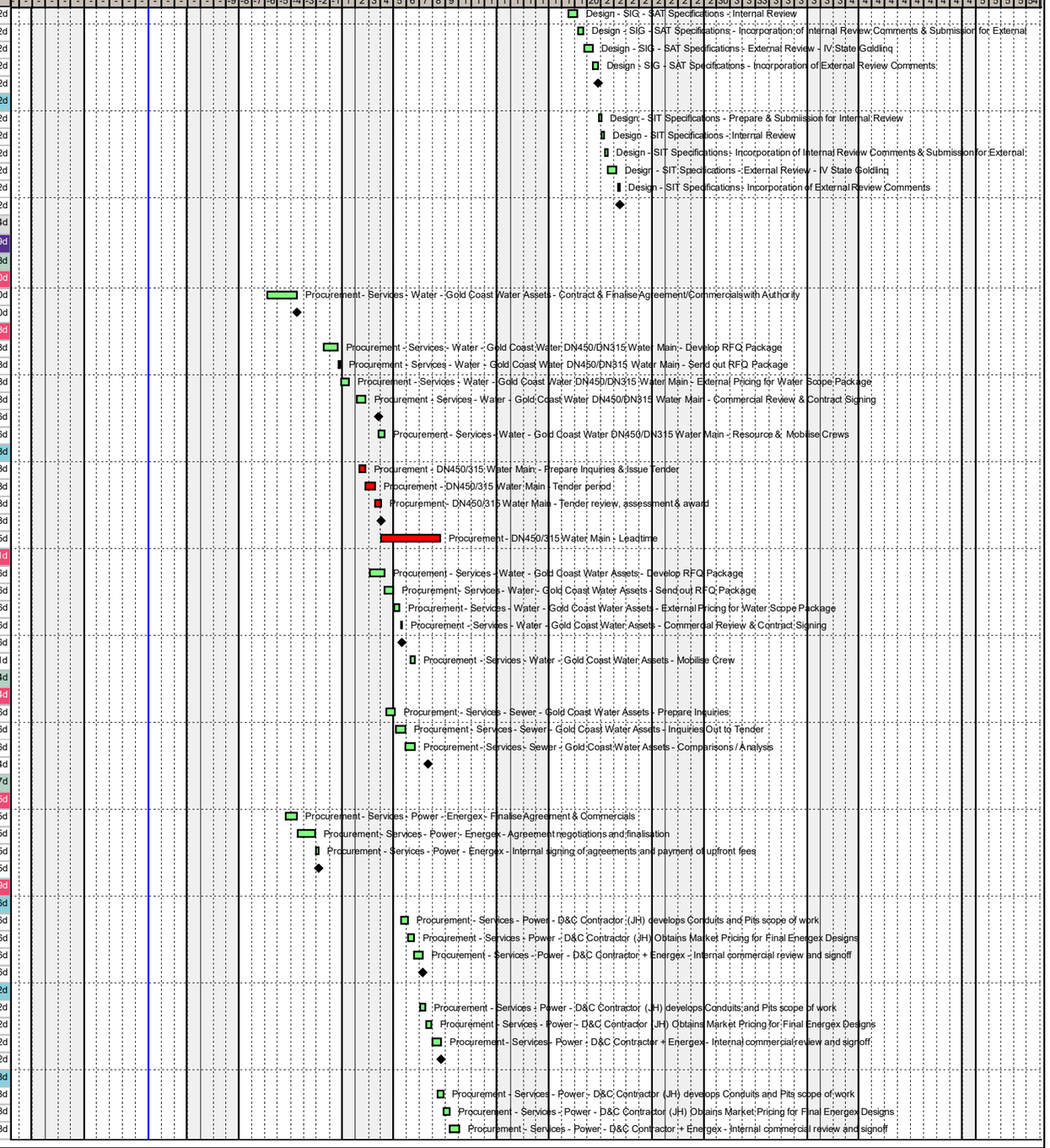
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DG-RS-3380	Design - SIG - SAT Specifications - Internal Review	15d	19-May-23	08-Jun-23	212d
DG-RS-3400	Design - SIG - SAT Specifications - Incorporation of Internal Review Comments & Submission for External	10d	09-Jun-23	22-Jun-23	212d
DG-RS-3420	Design - SIG - SAT Specifications - External Review - IV State Goldlinq	15d	23-Jun-23	13-Jul-23	212d
DG-RS-3440	Design - SIG - SAT Specifications - Incorporation of External Review Comments	10d	14-Jul-23	27-Jul-23	212d
DG-RS-3460	Design - SIG - SAT Specifications Complete	0d		27-Jul-23	212d
SIT Specification		35d	28-Jul-23	15-Sep-23	212d
DG-RS-3680	Design - SIT Specifications - Prepare & Submiission for Internal Review	5d	28-Jul-23	03-Aug-23	212d
DG-RS-3690	Design - SIT Specifications - Internal Review	5d	04-Aug-23	10-Aug-23	212d
DG-RS-3700	Design - SIT Specifications - Incorporation of Internal Review Comments & Submission for External	5d	11-Aug-23	17-Aug-23	212d
DG-RS-3710	Design - SIT Specifications - External Review - IV State Goldlinq	15d	18-Aug-23	08-Sep-23	212d
DG-RS-3720	Design - SIT Specifications - Incorporation of External Review Comments	5d	11-Sep-23	15-Sep-23	212d
DG-RS-3730	Design - SIT Specifications Complete	0d		15-Sep-23	212d
PROCUREMENT		1023d	08-Jun-21	13-Aug-25	34d
Enabling Works - Service Authorities		424d	08-Jun-21	06-Mar-23	299d
Procurement - Subcontract - Services - Water - Gold Coast Water		273d	08-Jun-21	19-Jul-22	3d
Services Contract Agreement		50d	08-Jun-21	16-Aug-21	80d
PR-SV-WT-1000	Procurement - Services - Water - Gold Coast Water Assets - Contract & Finalise Agreement/Commercials with A	50d	08-Jun-21	16-Aug-21	80d
PR-SV-WT-1020	Procurement - Services - Water - Gold Coast Water Assets - Sign Agreement & Commercials	0d		16-Aug-21	80d
DN450/DN315 Works Contract		181d	18-Oct-21	19-Jul-22	3d
PR-SV-WT-1040	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - Develop RFQ Package	25d	18-Oct-21	19-Nov-21	38d
PR-SV-WT-1060	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - Send out RFQ Package	5d	22-Nov-21	26-Nov-21	38d
PR-SV-WT-1080	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - External Pricing for Water Sc	15d	29-Nov-21	17-Dec-21	38d
PR-SV-WT-1100	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - Commercial Review & Contra	15d	04-Jan-22	24-Jan-22	38d
PR-SV-WT-1120	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - Award Subcontract	0d		24-Feb-22	16d
PR-SV-WT-1140	Procurement - Services - Water - Gold Coast Water DN450/DN315 Water Main - Resource & Mobilise Crews	10d	25-Feb-22	10-Mar-22	16d
Water Main Leadtime		131d	11-Jan-22	19-Jul-22	3d
PR-SV-WT-1160	Procurement - DN450/315 Water Main - Prepare Inquiries & Issue Tender	10d	11-Jan-22	24-Jan-22	3d
PR-SV-WT-1180	Procurement - DN450/315 Water Main - Tender period	15d	25-Jan-22	15-Feb-22	3d
PR-SV-WT-1200	Procurement - DN450/315 Water Main - Tender review, assessment & award	10d	16-Feb-22	01-Mar-22	3d
PR-SV-WT-1220	Procurement - DN450/315 Water Main - Award contract	0d		01-Mar-22	3d
PR-SV-WT-1240	Procurement - DN450/315 Water Main - Leadtime	140d	02-Mar-22	19-Jul-22	5d
Contestable Works Contract		72d	04-Feb-22	20-May-22	21d
PR-SV-WT-1260	Procurement - Services - Water - Gold Coast Water Assets - Develop RFQ Package	25d	04-Feb-22	10-Mar-22	36d
PR-SV-WT-1280	Procurement - Services - Water - Gold Coast Water Assets - Send out RFQ Package	15d	11-Mar-22	31-Mar-22	36d
PR-SV-WT-1300	Procurement - Services - Water - Gold Coast Water Assets - External Pricing for Water Scope Package	10d	01-Apr-22	14-Apr-22	36d
PR-SV-WT-1320	Procurement - Services - Water - Gold Coast Water Assets - Commercial Review & Contract Signing	1d	19-Apr-22	19-Apr-22	36d
PR-SV-WT-1340	Procurement - Services - Water - Gold Coast Water Assets - Award Subcontract	0d		19-Apr-22	36d
PR-SV-WT-1360	Procurement - Services - Water - Gold Coast Water Assets - Mobilise Crew	10d	11-May-22	20-May-22	31d
Procurement - Subcontract - Services - Sewer - Gold Coast Water		67d	15-Mar-22	21-Jun-22	24d
Contestable Design		67d	15-Mar-22	21-Jun-22	24d
PR-SV-SW-1040	Procurement - Services - Sewer - Gold Coast Water Assets - Prepare Inquiries	15d	15-Mar-22	04-Apr-22	46d
PR-SV-SW-1060	Procurement - Services - Sewer - Gold Coast Water Assets - Inquiries Out to Tender	15d	05-Apr-22	28-Apr-22	46d
PR-SV-SW-1080	Procurement - Services - Sewer - Gold Coast Water Assets - Comparisons / Analysis	15d	29-Apr-22	20-May-22	46d
PR-SV-SW-1100	Procurement - Services - Sewer - Gold Coast Water Assets - Award Subcontract	0d		21-Jun-22	24d
Procurement - Subcontract - Services - Electricity - Energex		394d	20-Jul-21	06-Mar-23	167d
Energex Works Project Contract		55d	20-Jul-21	06-Oct-21	115d
PR-SV-EG-0900	Procurement - Services - Power - Energex - Finalise Agreement & Commercials	20d	20-Jul-21	16-Aug-21	115d
PR-SV-EG-0920	Procurement - Services - Power - Energex - Agreement negotiations and finalisation	30d	17-Aug-21	28-Sep-21	115d
PR-SV-EG-0940	Procurement - Services - Power - Energex - Internal signing of agreements and payment of upfront fees	5d	29-Sep-21	06-Oct-21	115d
PR-SV-EG-0960	Procurement - Services - Power - Energex - Design Contract Award	0d		06-Oct-21	115d
Procurement - Energex Approved Panel of Subcontractors		215d	19-Apr-22	06-Mar-23	99d
Package 1 - Energex Conduits and Pits		35d	19-Apr-22	08-Jun-22	96d
PR-SV-EG-1000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	19-Apr-22	04-May-22	96d
PR-SV-EG-1020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	05-May-22	18-May-22	96d
PR-SV-EG-1040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	19-May-22	08-Jun-22	96d
PR-SV-EG-1060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		08-Jun-22	96d
Package 2 - Energex Conduits and Pits		35d	02-Jun-22	20-Jul-22	22d
PR-SV-EG-2000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	02-Jun-22	15-Jun-22	22d
PR-SV-EG-2020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	16-Jun-22	29-Jun-22	22d
PR-SV-EG-2040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	30-Jun-22	20-Jul-22	22d
PR-SV-EG-2060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		20-Jul-22	22d
Package 3 - Energex Conduits and Pits		35d	14-Jul-22	01-Sep-22	58d
PR-SV-EG-3000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	14-Jul-22	27-Jul-22	58d
PR-SV-EG-3020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	28-Jul-22	10-Aug-22	58d
PR-SV-EG-3040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	11-Aug-22	01-Sep-22	58d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PR-SV-EG-3060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		01-Sep-22	58d
Package 4 - Energex Conduits and Pits		34d	25-Aug-22	13-Oct-22	21d
PR-SV-EG-4000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	9d	25-Aug-22	07-Sep-22	21d
PR-SV-EG-4020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	08-Sep-22	21-Sep-22	21d
PR-SV-EG-4040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	22-Sep-22	13-Oct-22	21d
PR-SV-EG-4060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		13-Oct-22	21d
Package 5 - Energex Conduits and Pits		35d	10-Oct-22	25-Nov-22	159d
PR-SV-EG-5000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	10-Oct-22	21-Oct-22	159d
PR-SV-EG-5020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	24-Oct-22	04-Nov-22	159d
PR-SV-EG-5040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	07-Nov-22	25-Nov-22	159d
PR-SV-EG-5060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		25-Nov-22	159d
Package 6 - Energex Conduits and Pits		35d	21-Nov-22	20-Jan-23	80d
PR-SV-EG-6000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	21-Nov-22	02-Dec-22	80d
PR-SV-EG-6020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	05-Dec-22	16-Dec-22	80d
PR-SV-EG-6040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	19-Dec-22	20-Jan-23	80d
PR-SV-EG-6060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		20-Jan-23	80d
Package 7 - Energex Conduits and Pits		35d	16-Jan-23	06-Mar-23	44d
PR-SV-EG-7000	Procurement - Services - Power - D&C Contractor (JH) develops Conduits and Pits scope of work	10d	16-Jan-23	30-Jan-23	44d
PR-SV-EG-7020	Procurement - Services - Power - D&C Contractor (JH) Obtains Market Pricing for Final Energex Designs	10d	31-Jan-23	13-Feb-23	44d
PR-SV-EG-7040	Procurement - Services - Power - D&C Contractor + Energex - Internal commercial review and signoff	15d	14-Feb-23	06-Mar-23	44d
PR-SV-EG-7060	Procurement - Services - Power - Energex + JH - Award conduits and manholes subcontract	0d		06-Mar-23	44d
Energex - Programme of Works		90d	14-Apr-22	24-Aug-22	292d
PR-SV-EG-2130	Procurement - Services - Power - Energex Works - D&C Contractor JH Submit preliminary construction prograı	0d		14-Apr-22	101d
PR-SV-EG-2120	Procurement - Services - Power - Energex Works - Energex reviews / negotiates construction program with D&	20d	19-Apr-22	18-May-22	101d
PR-SV-EG-2100	Procurement - Services - Power - Energex Works - D&C Contractor submits final agreed program to Energex	10d	19-May-22	01-Jun-22	101d
PR-SV-EG-2150	Procurement - Services - Power - Energex Works - Energex Programmes the works and allocates Resources (	60d	02-Jun-22	24-Aug-22	292d
Procurement - Subcontract - Services - Gas		257d	20-Jul-21	08-Aug-22	436d
Services Contract Agreement		52d	20-Jul-21	30-Sep-21	160d
PR-SV-GA-1000	Procurement - Services - Gas - APA - Finalise Agreement & Commercials	50d	20-Jul-21	28-Sep-21	160d
PR-SV-GA-1020	Procurement - Services - Gas - APA - Agreement negotiations and finalisation	1d	29-Sep-21	29-Sep-21	160d
PR-SV-GA-1040	Procurement - Services - Gas - APA - Internal signing of agreements and payment of upfront fees	1d	30-Sep-21	30-Sep-21	160d
PR-SV-GA-1060	Procurement - Services - Gas - APA - Sign Agreement & Commercials	0d		30-Sep-21	160d
Zone 1I & 1K Package		40d	14-Jun-22	08-Aug-22	436d
PR-SV-GA-2020	Procurement - Services - Gas - APA - Quote & Agree Works Contract - 110PE (G-05-01 & G-07-01) 100-009, '	40d	14-Jun-22	08-Aug-22	436d
Supply of 1 x Capped PE100SDR11 Enveloper (By APA Gas)		0d	30-Sep-21	30-Sep-21	260d
PR-SV-GA-1080	Procurement - Services - Gas - APA - 1 x Capped PE100SDR11 Enveloper (by APA Gas)	0d		30-Sep-21	260d
Subcontract - Services - Communications		250d	20-Jul-21	28-Jul-22	166d
Procurement - Subcontract - Services - Communications (Telstra)		173d	20-Jul-21	06-Apr-22	164d
Telstra Services Contract Agreement		60d	20-Jul-21	13-Oct-21	108d
PR-SV-TLS-1000	Services - Communications - Telstra - Finalise Agreement & Commercials	10d	20-Jul-21	02-Aug-21	108d
PR-SV-TLS-1020	Services - Communications - Telstra - Agreement negotiations and finalisation	30d	03-Aug-21	14-Sep-21	108d
PR-SV-TLS-1040	Services - Communications - Telstra - Internal signing of agreements and payment of upfront fees	20d	15-Sep-21	13-Oct-21	108d
PR-SV-TLS-1060	Services - Communications - Telstra - Sign Agreement & Commercials	0d		13-Oct-21	108d
Supply of Long Lead Cable Order		113d	14-Oct-21	06-Apr-22	164d
PR-SV-TLS-1160	Supply of PE100 Communication Cable - Prepare Inquiries & Issue Tender	5d	14-Oct-21	20-Oct-21	154d
PR-SV-TLS-1180	Supply of PE100 Communication Cable - Tender Period	15d	21-Oct-21	10-Nov-21	154d
PR-SV-TLS-1200	Supply of PE100 Communication Cable - Tender Review, Assessment & Award	10d	11-Nov-21	24-Nov-21	154d
PR-SV-TLS-1220	Supply of PE100 Communication Cable - Award Subcontract	0d		24-Nov-21	154d
PR-SV-TLS-1240	Supply of PE100 Communication Cable - Leadtime (19w)	133d	25-Nov-21	06-Apr-22	238d
Procurement - Subcontract - Services - Communications (NBN)		250d	20-Jul-21	28-Jul-22	166d
Services Contract Agreement		80d	20-Jul-21	10-Nov-21	234d
PR-SV-NB-1000	Services - Communications - NBN - Finalise Agreement & Commercials	20d	20-Jul-21	16-Aug-21	234d
PR-SV-NB-1020	Services - Communications - NBN - Agreement negotiations and finalisation	40d	17-Aug-21	13-Oct-21	234d
PR-SV-NB-1040	Services - Communications - NBN - Internal signing of agreements and payment of upfront fees	20d	14-Oct-21	10-Nov-21	234d
PR-SV-NB-1060	Services - Communications - NBN - Sign Agreement	0d		10-Nov-21	234d
NBN Works Contract		40d	03-Jun-22	28-Jul-22	166d
PR-SV-NB-1080	Services - Communications - NBN - Quote & Agree Works Contract	40d	03-Jun-22	28-Jul-22	166d
Procurement - Subcontract - Services - Communications (OPTUS)		188d	20-Jul-21	03-May-22	176d
Services Contract Agreement		80d	20-Jul-21	10-Nov-21	244d
PR-SV-OP-1000	Services - Communications - OPTUS - Finalise Agreement & Commercials	20d	20-Jul-21	16-Aug-21	244d
PR-SV-OP-1020	Services - Communications - OPTUS - Agreement negotiations and finalisation	40d	17-Aug-21	13-Oct-21	244d
PR-SV-OP-1040	Services - Communications - OPTUS - Internal signing of agreements and payment of upfront fees	20d	14-Oct-21	10-Nov-21	244d
PR-SV-OP-1060	Services - Communications - OPTUS - Sign Agreement & Commercials	0d		10-Nov-21	244d
OPTUS Works Contract		40d	03-Mar-22	03-May-22	176d
PR-SV-OP-1080	Services - Communications - OPTUS - Quote & Agree Works Contract	40d	03-Mar-22	03-May-22	176d



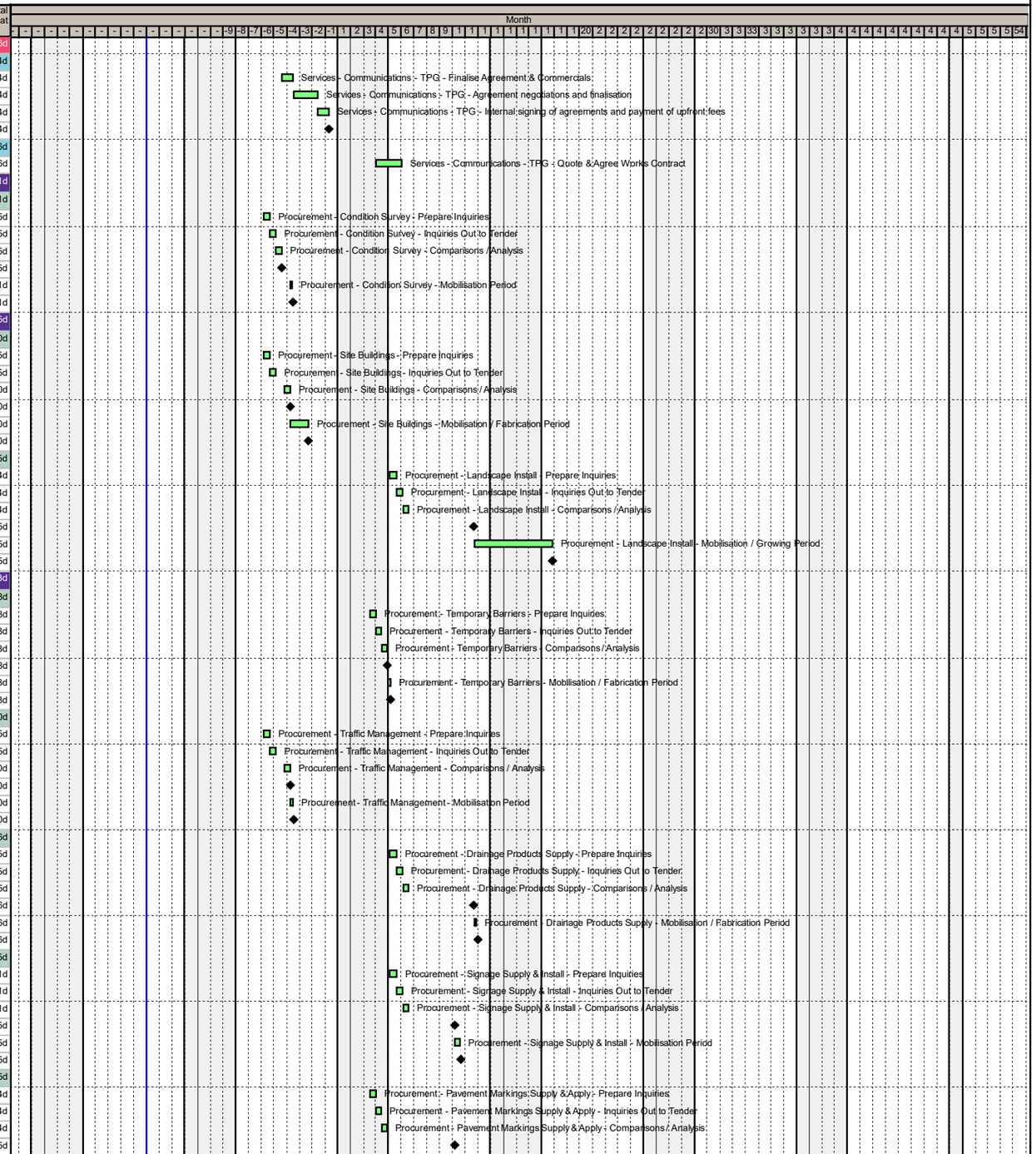
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Procurement - Subcontract - Services - Communications (TPG)		188d	20-Jul-21	03-May-22	176d
Services Contract Agreement		80d	20-Jul-21	10-Nov-21	244d
PR-SV-TP-1000	Services - Communications - TPG - Finalise Agreement & Commercials	20d	20-Jul-21	16-Aug-21	244d
PR-SV-TP-1020	Services - Communications - TPG - Agreement negotiations and finalisation	40d	17-Aug-21	13-Oct-21	244d
PR-SV-TP-1040	Services - Communications - TPG - Internal signing of agreements and payment of upfront fees	20d	14-Oct-21	10-Nov-21	244d
PR-SV-TP-1060	Services - Communications - TPG - Sign Agreement & Commercials	0d		10-Nov-21	244d
TPG Works Contract		40d	03-Mar-22	03-May-22	176d
PR-SV-TP-1080	Services - Communications - TPG - Quote & Agree Works Contract	40d	03-Mar-22	03-May-22	176d
Enabling Works - Investigations (Services, Geotechnical & Dilapidation)		49d	08-Jun-21	16-Aug-21	131d
Procurement - Subcontract - Condition Survey Consultant		49d	08-Jun-21	16-Aug-21	131d
PR-CS-01000	Procurement - Condition Survey - Prepare Inquiries	10d	08-Jun-21	21-Jun-21	145d
PR-CS-01010	Procurement - Condition Survey - Inquiries Out to Tender	10d	22-Jun-21	05-Jul-21	145d
PR-CS-01020	Procurement - Condition Survey - Comparisons / Analysis	10d	06-Jul-21	19-Jul-21	145d
PR-CS-01030	Procurement - Condition Survey - Award Subcontract	0d		19-Jul-21	145d
PR-CS-01040	Procurement - Condition Survey - Mobilisation Period	5d	09-Aug-21	13-Aug-21	131d
PR-CS-01050	Procurement - Condition Survey - Commence On-Site Inspections	0d	16-Aug-21		131d
Procurement - General		459d	08-Jun-21	28-Apr-23	445d
Procurement - Subcontract - Supply & Install Site Buildings		75d	08-Jun-21	22-Sep-21	80d
PR-SB-01000	Procurement - Site Buildings - Prepare Inquiries	10d	08-Jun-21	21-Jun-21	95d
PR-SB-01010	Procurement - Site Buildings - Inquiries Out to Tender	10d	22-Jun-21	05-Jul-21	95d
PR-SB-01020	Procurement - Site Buildings - Comparisons / Analysis	10d	27-Jul-21	09-Aug-21	80d
PR-SB-01030	Procurement - Site Buildings - Award Subcontract	0d		09-Aug-21	80d
PR-SB-01040	Procurement - Site Buildings - Mobilisation / Fabrication Period	30d	10-Aug-21	21-Sep-21	80d
PR-SB-01050	Procurement - Site Buildings - Commence On-Site Install	0d	22-Sep-21		80d
Procurement - Subcontract - Landscape Install		259d	04-Apr-22	28-Apr-23	445d
PR-LS-1000	Procurement - Landscape Install - Prepare Inquiries	10d	04-Apr-22	19-Apr-22	554d
PR-LS-1020	Procurement - Landscape Install - Inquiries Out to Tender	10d	20-Apr-22	05-May-22	554d
PR-LS-1040	Procurement - Landscape Install - Comparisons / Analysis	10d	06-May-22	19-May-22	554d
PR-LS-1060	Procurement - Landscape Install - Award Subcontract	0d		21-Oct-22	445d
PR-LS-1080	Procurement - Landscape Install - Mobilisation / Growing Period	120d	24-Oct-22	27-Apr-23	445d
PR-LS-1100	Procurement - Landscape Install - Commence On-Site Works	0d	28-Apr-23		445d
Procurement - Civil Works		349d	08-Jun-21	07-Nov-22	433d
Procurement - Subcontract - Supply & Deliver - Temporary Barriers		35d	16-Feb-22	06-Apr-22	208d
PR-TB-01000	Procurement - Temporary Barriers - Prepare Inquiries	10d	16-Feb-22	01-Mar-22	208d
PR-TB-01010	Procurement - Temporary Barriers - Inquiries Out to Tender	10d	02-Mar-22	15-Mar-22	208d
PR-TB-01020	Procurement - Temporary Barriers - Comparisons / Analysis	10d	16-Mar-22	29-Mar-22	208d
PR-TB-01030	Procurement - Temporary Barriers - Award Subcontract	0d		29-Mar-22	208d
PR-TB-01040	Procurement - Temporary Barriers - Mobilisation / Fabrication Period	5d	30-Mar-22	05-Apr-22	208d
PR-TB-01050	Procurement - Temporary Barriers - Commence Progressive On-Site Deliveries	0d	06-Apr-22		208d
Procurement - Subcontract - Supply - Traffic Management Services		50d	08-Jun-21	17-Aug-21	150d
PR-TM-01000	Procurement - Traffic Management - Prepare Inquiries	10d	08-Jun-21	21-Jun-21	165d
PR-TM-01010	Procurement - Traffic Management - Inquiries Out to Tender	10d	22-Jun-21	05-Jul-21	165d
PR-TM-01020	Procurement - Traffic Management - Comparisons / Analysis	10d	27-Jul-21	09-Aug-21	150d
PR-TM-01030	Procurement - Traffic Management - Award Subcontract	0d		09-Aug-21	150d
PR-TM-01040	Procurement - Traffic Management - Mobilisation Period	5d	10-Aug-21	16-Aug-21	150d
PR-TM-01050	Procurement - Traffic Management - Commence On-Site	0d	17-Aug-21		150d
Procurement - Subcontract - Supply & Deliver - Drainage Products		144d	04-Apr-22	31-Oct-22	176d
PR-DP-02000	Procurement - Drainage Products Supply - Prepare Inquiries	10d	04-Apr-22	19-Apr-22	285d
PR-DP-02010	Procurement - Drainage Products Supply - Inquiries Out to Tender	10d	20-Apr-22	05-May-22	285d
PR-DP-02020	Procurement - Drainage Products Supply - Comparisons / Analysis	10d	06-May-22	19-May-22	285d
PR-DP-02030	Procurement - Drainage Products Supply - Award Subcontract	0d		21-Oct-22	176d
PR-DP-02040	Procurement - Drainage Products Supply - Mobilisation / Fabrication Period	5d	24-Oct-22	28-Oct-22	176d
PR-DP-02050	Procurement - Drainage Products Supply - Commence Progressive On-Site Deliveries	0d	31-Oct-22		176d
Procurement - Subcontract - Supply & Install - Signage		116d	04-Apr-22	20-Sep-22	155d
PR-SI-1000	Procurement - Signage Supply & Install - Prepare Inquiries	10d	04-Apr-22	19-Apr-22	231d
PR-SI-1020	Procurement - Signage Supply & Install - Inquiries Out to Tender	10d	20-Apr-22	05-May-22	231d
PR-SI-1040	Procurement - Signage Supply & Install - Comparisons / Analysis	10d	06-May-22	19-May-22	231d
PR-SI-1060	Procurement - Signage Supply & Install - Award Subcontract	0d		05-Sep-22	155d
PR-SI-1080	Procurement - Signage Supply & Install - Mobilisation Period	10d	06-Sep-22	19-Sep-22	155d
PR-SI-1100	Procurement - Signage Supply & Install - Commence On-Site Works	0d	20-Sep-22		155d
Procurement - Subcontract - Supply & Apply - Pavement Markings		149d	16-Feb-22	20-Sep-22	155d
PR-PM-01000	Procurement - Pavement Markings Supply & Apply - Prepare Inquiries	10d	16-Feb-22	01-Mar-22	264d
PR-PM-01010	Procurement - Pavement Markings Supply & Apply - Inquiries Out to Tender	10d	02-Mar-22	15-Mar-22	264d
PR-PM-01020	Procurement - Pavement Markings Supply & Apply - Comparisons / Analysis	10d	16-Mar-22	29-Mar-22	264d
PR-PM-01030	Procurement - Pavement Markings Supply & Apply - Award Subcontract	0d		05-Sep-22	155d



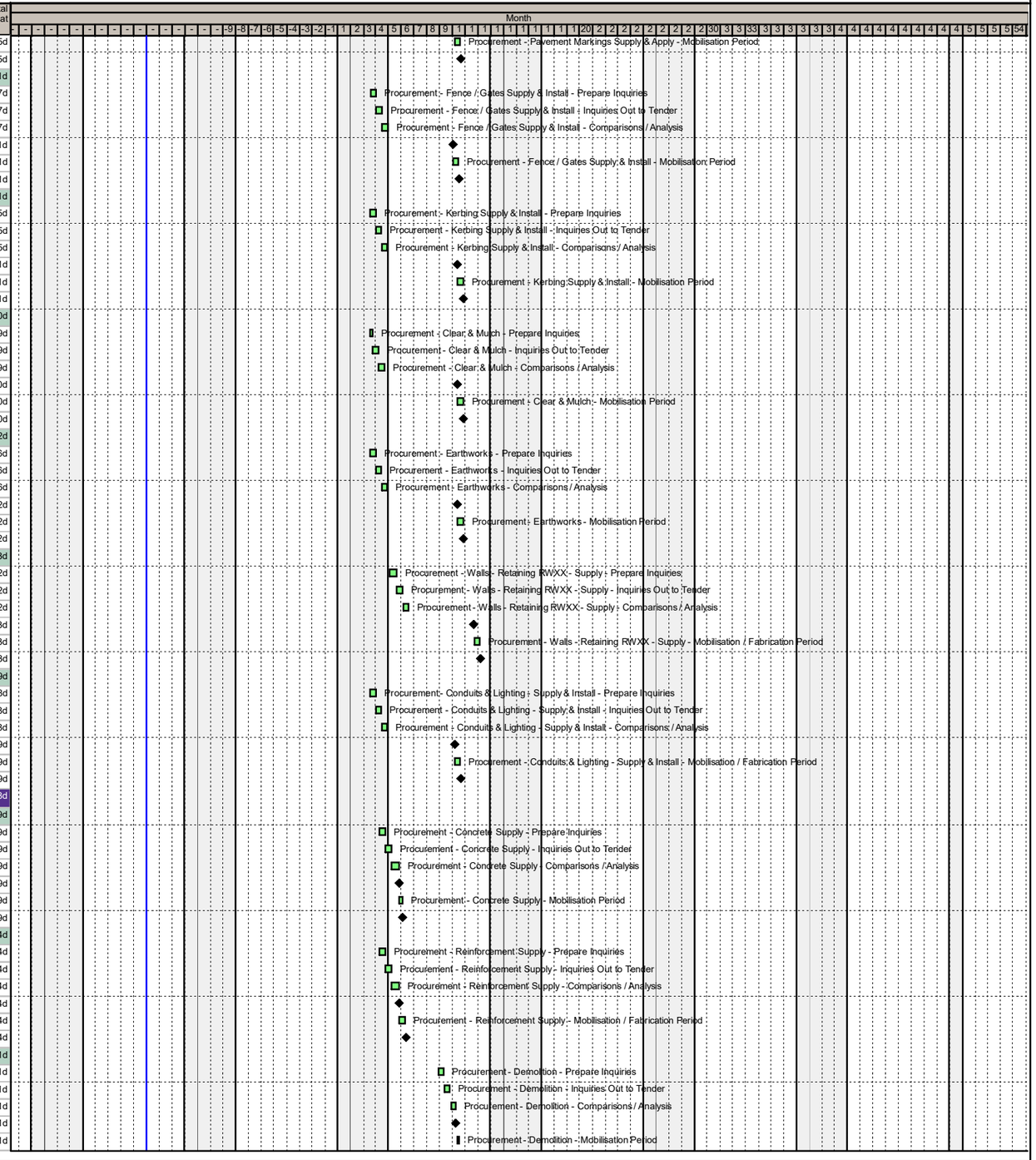
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JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PR-PM-01040	Procurement - Pavement Markings Supply & Apply - Mobilisation Period	10d	06-Sep-22	19-Sep-22	155d
PR-PM-01050	Procurement - Pavement Markings Supply & Apply - Commence On-Site Works	0d	20-Sep-22		155d
Procurement - Subcontract - Supply & Install - Fences & Gates		146d	17-Feb-22	16-Sep-22	361d
PR-FG-01000	Procurement - Fence / Gates Supply & Install - Prepare Inquiries	10d	17-Feb-22	02-Mar-22	467d
PR-FG-01010	Procurement - Fence / Gates Supply & Install - Inquiries Out to Tender	10d	03-Mar-22	16-Mar-22	467d
PR-FG-01020	Procurement - Fence / Gates Supply & Install - Comparisons / Analysis	10d	17-Mar-22	30-Mar-22	467d
PR-FG-01030	Procurement - Fence / Gates Supply & Install - Award Subcontract	0d		01-Sep-22	361d
PR-FG-01040	Procurement - Fence / Gates Supply & Install - Mobilisation Period	10d	02-Sep-22	15-Sep-22	361d
PR-FG-01050	Procurement - Fence / Gates Supply & Install - Commence On-Site Works	0d	16-Sep-22		361d
Procurement - Subcontract - Supply & Install - Kerbing		154d	16-Feb-22	27-Sep-22	71d
PR-KB-01000	Procurement - Kerbing Supply & Install - Prepare Inquiries	10d	16-Feb-22	01-Mar-22	185d
PR-KB-01010	Procurement - Kerbing Supply & Install - Inquiries Out to Tender	10d	02-Mar-22	15-Mar-22	185d
PR-KB-01020	Procurement - Kerbing Supply & Install - Comparisons / Analysis	10d	16-Mar-22	29-Mar-22	185d
PR-KB-01030	Procurement - Kerbing Supply & Install - Award Subcontract	0d		12-Sep-22	71d
PR-KB-01040	Procurement - Kerbing Supply & Install - Mobilisation Period	10d	13-Sep-22	26-Sep-22	71d
PR-KB-01050	Procurement - Kerbing Supply & Install - Commence On-Site Works	0d	27-Sep-22		71d
Procurement - Subcontract - Clear & Mulch		154d	16-Feb-22	27-Sep-22	90d
PR-CM-01000	Procurement - Clear & Mulch - Prepare Inquiries	5d	16-Feb-22	22-Feb-22	209d
PR-CM-01010	Procurement - Clear & Mulch - Inquiries Out to Tender	10d	23-Feb-22	08-Mar-22	209d
PR-CM-01020	Procurement - Clear & Mulch - Comparisons / Analysis	10d	09-Mar-22	22-Mar-22	209d
PR-CM-01030	Procurement - Clear & Mulch - Award Subcontract	0d		12-Sep-22	90d
PR-CM-01040	Procurement - Clear & Mulch - Mobilisation Period	10d	13-Sep-22	26-Sep-22	90d
PR-CM-01050	Procurement - Clear & Mulch - Commence On-Site Works	0d	27-Sep-22		90d
Procurement - Subcontract - Earthworks		154d	16-Feb-22	27-Sep-22	92d
PR-EW-01000	Procurement - Earthworks - Prepare Inquiries	10d	16-Feb-22	01-Mar-22	206d
PR-EW-01010	Procurement - Earthworks - Inquiries Out to Tender	10d	02-Mar-22	15-Mar-22	206d
PR-EW-01020	Procurement - Earthworks - Comparisons / Analysis	10d	16-Mar-22	29-Mar-22	206d
PR-EW-01030	Procurement - Earthworks - Award Subcontract	0d		12-Sep-22	92d
PR-EW-01040	Procurement - Earthworks - Mobilisation Period	10d	13-Sep-22	26-Sep-22	92d
PR-EW-01050	Procurement - Earthworks - Commence On-Site Works	0d	27-Sep-22		92d
Procurement - Subcontract - Supply & Install - Retaining Walls		149d	04-Apr-22	07-Nov-22	433d
PR-RW-1000	Procurement - Walls - Retaining RWXX - Supply - Prepare Inquiries	10d	04-Apr-22	19-Apr-22	542d
PR-RW-1020	Procurement - Walls - Retaining RWXX - Supply - Inquiries Out to Tender	10d	20-Apr-22	05-May-22	542d
PR-RW-1040	Procurement - Walls - Retaining RWXX - Supply - Comparisons / Analysis	10d	06-May-22	19-May-22	542d
PR-RW-1060	Procurement - Walls - Retaining RWXX - Supply - Award Subcontract	0d		21-Oct-22	433d
PR-RW-1080	Procurement - Walls - Retaining RWXX - Supply - Mobilisation / Fabrication Period	10d	24-Oct-22	04-Nov-22	433d
PR-RW-1100	Procurement - Walls - Retaining RWXX - Install - Commence Progressive On-Site Works	0d	07-Nov-22		433d
Procurement - Subcontract - Supply & Install - Conduits & Lighting		149d	16-Feb-22	20-Sep-22	109d
PR-CL-01000	Procurement - Conduits & Lighting - Supply & Install - Prepare Inquiries	10d	16-Feb-22	01-Mar-22	218d
PR-CL-01010	Procurement - Conduits & Lighting - Supply & Install - Inquiries Out to Tender	10d	02-Mar-22	15-Mar-22	218d
PR-CL-01020	Procurement - Conduits & Lighting - Supply & Install - Comparisons / Analysis	10d	16-Mar-22	29-Mar-22	218d
PR-CL-01030	Procurement - Conduits & Lighting - Supply & Install - Award Subcontract	0d		05-Sep-22	109d
PR-CL-01040	Procurement - Conduits & Lighting - Supply & Install - Mobilisation / Fabrication Period	10d	06-Sep-22	19-Sep-22	109d
PR-CL-01050	Procurement - Conduits & Lighting - Supply & Install - Commence Progressive On-Site Works	0d	20-Sep-22		109d
Procurement - Structure Works		180d	25-Feb-22	14-Nov-22	368d
Procurement - Subcontract - Supply & Deliver - Concrete		35d	11-Mar-22	05-May-22	219d
PR-CO-01000	Procurement - Concrete Supply - Prepare Inquiries	10d	11-Mar-22	24-Mar-22	219d
PR-CO-01010	Procurement - Concrete Supply - Inquiries Out to Tender	10d	25-Mar-22	07-Apr-22	219d
PR-CO-01020	Procurement - Concrete Supply - Comparisons / Analysis	10d	08-Apr-22	26-Apr-22	219d
PR-CO-01030	Procurement - Concrete Supply - Award Subcontract	0d		26-Apr-22	219d
PR-CO-01040	Procurement - Concrete Supply - Mobilisation Period	5d	27-Apr-22	04-May-22	219d
PR-CO-01050	Procurement - Concrete Supply - Commence Progressive On-Site Deliveries	0d	05-May-22		219d
Procurement - Subcontract - Supply & Deliver - Reinforcement		40d	11-Mar-22	12-May-22	214d
PR-RB-01000	Procurement - Reinforcement Supply - Prepare Inquiries	10d	11-Mar-22	24-Mar-22	214d
PR-RB-01010	Procurement - Reinforcement Supply - Inquiries Out to Tender	10d	25-Mar-22	07-Apr-22	214d
PR-RB-01020	Procurement - Reinforcement Supply - Comparisons / Analysis	10d	08-Apr-22	26-Apr-22	214d
PR-RB-01030	Procurement - Reinforcement Supply - Award Subcontract	0d		26-Apr-22	214d
PR-RB-01040	Procurement - Reinforcement Supply - Mobilisation / Fabrication Period	10d	27-Apr-22	11-May-22	214d
PR-RB-01050	Procurement - Reinforcement Supply - Commence Progressive On-Site Deliveries	0d	12-May-22		214d
Procurement - Subcontract - Demolition		35d	29-Jul-22	19-Sep-22	141d
PR-DM-01000	Procurement - Demolition - Prepare Inquiries	10d	29-Jul-22	11-Aug-22	141d
PR-DM-01010	Procurement - Demolition - Inquiries Out to Tender	10d	12-Aug-22	25-Aug-22	141d
PR-DM-01020	Procurement - Demolition - Comparisons / Analysis	10d	29-Aug-22	09-Sep-22	141d
PR-DM-01030	Procurement - Demolition - Award Subcontract	0d		09-Sep-22	141d
PR-DM-01040	Procurement - Demolition - Mobilisation Period	5d	12-Sep-22	16-Sep-22	141d



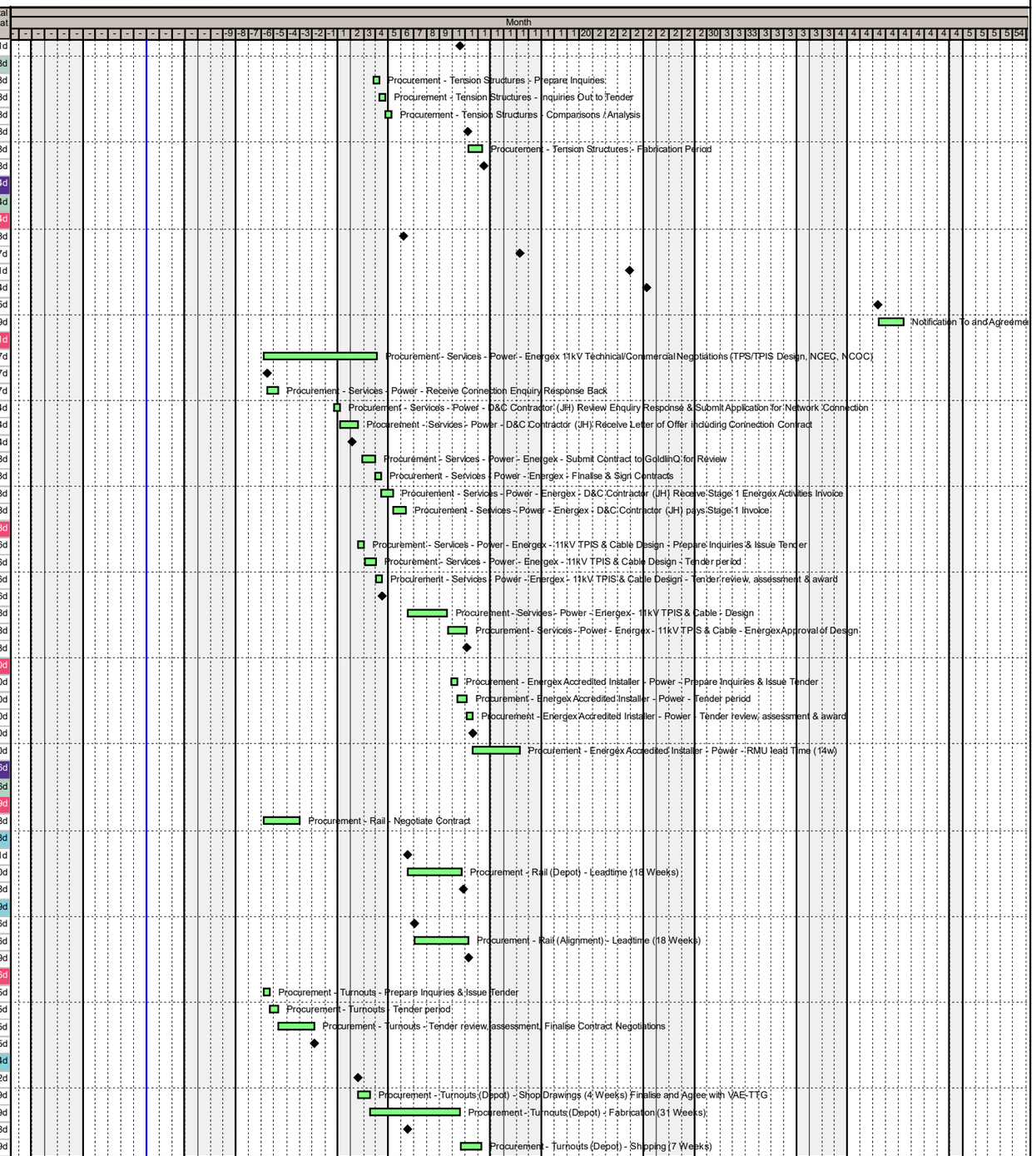
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PR-DM-01050	Procurement - Demolition - Commence On-Site Works	0d	19-Sep-22		141d
Procurement - Subcontract - Tension Structures		180d	25-Feb-22	14-Nov-22	368d
PR-TS-01000	Procurement - Tension Structures - Prepare Inquiries	10d	25-Feb-22	10-Mar-22	493d
PR-TS-01010	Procurement - Tension Structures - Inquiries Out to Tender	10d	11-Mar-22	24-Mar-22	493d
PR-TS-01020	Procurement - Tension Structures - Comparisons / Analysis	10d	25-Mar-22	07-Apr-22	493d
PR-TS-01030	Procurement - Tension Structures - Award Subcontract	0d		07-Oct-22	368d
PR-TS-01040	Procurement - Tension Structures - Fabrication Period	25d	10-Oct-22	11-Nov-22	368d
PR-TS-01050	Procurement - Tension Structures - Delivered to Site	0d	14-Nov-22		368d
Procurement - Energex 11kV Supply to TPS		1023d	08-Jun-21	13-Aug-25	34d
High Voltage Supply to Traction Power Substations		1023d	08-Jun-21	13-Aug-25	34d
Key Milestones		802d	06-May-22	13-Aug-25	34d
PR-SS-EG-2050	D&C Contractor (JH) Issues Project Schedule to Energex (Design milestones)	0d		06-May-22	73d
PR-SS-EG-2850	D&C Contractor (JH) to Issue Project Schedule to Energex (Construction Milest	0d		08-Feb-23	257d
PR-SS-EG-2830	D&C Contractor (JH) to pay Energex Stage 3 Activities Invoice	0d		29-Oct-23	101d
PR-SS-EG-2710	Payment of Energy Fees by D&C Contractor (JH)	0d		08-Dec-23	64d
PR-SS-EG-2750	Assignment of Energy contracts to O&M contractor	0d		13-Jun-25	35d
PR-SS-EG-2730	Notification To and Agreement by O&M Contractor of Assigning of Energy contracts	61d	14-Jun-25	13-Aug-25	49d
Energex		226d	08-Jun-21	13-May-22	121d
PR-SS-EG-1000	Procurement - Services - Power - Energex 11kV Technical/Commercial Negotiations (TPS/TPIS Design, NCEC,	180d	08-Jun-21	04-Mar-22	167d
PR-SS-EG-1020	Procurement - Services - Power - Submit Connection Enquiry to Energex	0d	15-Jun-21		167d
PR-SS-EG-2060	Procurement - Services - Power - Receive Connection Enquiry Response Back	20d	15-Jun-21	12-Jul-21	167d
PR-SS-EG-S009	Procurement - Services - Power - D&C Contractor (JH) Review Enquiry Response & Submit Application for Net\	10d	23-Nov-21	06-Dec-21	74d
PR-SS-EG-2790	Procurement - Services - Power - D&C Contractor (JH) Receive Letter of Offer including Connection Contract	20d	07-Dec-21	18-Jan-22	74d
PR-SS-EG-2770	Procurement - Services - Power - D&C Contractor (JH) Make Contact with Energy Retailer for 11kV supplies	0d		04-Jan-22	84d
PR-SS-EG-2040	Procurement - Services - Power - Energex - Submit Contract to GoldlinQ for Review	22d	28-Jan-22	28-Feb-22	68d
PR-SS-EG-2810	Procurement - Services - Power - Energex - Finalise & Sign Contracts	10d	01-Mar-22	14-Mar-22	68d
PR-SS-EG-2870	Procurement - Services - Power - Energex - D&C Contractor (JH) Receive Stage 1 Energex Activities Invoice	20d	15-Mar-22	11-Apr-22	68d
PR-SS-EG-2890	Procurement - Services - Power - Energex - D&C Contractor (JH) pays Stage 1 Invoice	20d	12-Apr-22	13-May-22	68d
Energex ASP Designer - 11kV TPIS & Cable Design		178d	19-Jan-22	04-Oct-22	128d
PR-SS-EG-2450	Procurement - Services - Power - Energex - 11kV TPIS & Cable Design - Prepare Inquiries & Issue Tender	10d	19-Jan-22	02-Feb-22	106d
PR-SS-EG-2470	Procurement - Services - Power - Energex - 11kV TPIS & Cable Design - Tender period	20d	03-Feb-22	02-Mar-22	106d
PR-SS-EG-2490	Procurement - Services - Power - Energex - 11kV TPIS & Cable Design - Tender review, assessment & award	10d	03-Mar-22	16-Mar-22	106d
PR-SS-EG-2510	Procurement - Services - Power - Energex - 11kV TPIS & Cable Design - Award Subcontract to EnergexASP[	0d		16-Mar-22	106d
PR-SS-EG-2530	Procurement - Services - Power - Energex - 11kV TPIS & Cable - Design	70d	16-May-22	19-Aug-22	68d
PR-SS-EG-2690	Procurement - Services - Power - Energex - 11kV TPIS & Cable - EnergexApproval of Design	30d	22-Aug-22	04-Oct-22	128d
PR-SS-EG-2631	Procurement - Services - Power - Energex - 11kV TPIS & Cable - Letter of Offer & PCC	0d		04-Oct-22	128d
Energex Accredited Installer		105d	30-Aug-22	08-Feb-23	160d
PR-SS-EG-2550	Procurement - Energex Accredited Installer - Power - Prepare Inquiries & Issue Tender	10d	30-Aug-22	12-Sep-22	160d
PR-SS-EG-2570	Procurement - Energex Accredited Installer - Power - Tender period	15d	13-Sep-22	04-Oct-22	160d
PR-SS-EG-2590	Procurement - Energex Accredited Installer - Power - Tender review, assessment & award	10d	05-Oct-22	18-Oct-22	160d
PR-SS-EG-2610	Procurement - Energex Accredited Installer - Power - Award Subcontract	0d		18-Oct-22	160d
PR-SS-EG-2630	Procurement - Energex Accredited Installer - Power - RMU lead Time (14w)	70d	19-Oct-22	08-Feb-23	160d
Procurement - Rail Systems		499d	08-Jun-21	23-Jun-23	356d
Procurement - Rail		499d	08-Jun-21	23-Jun-23	356d
Rail		329d	08-Jun-21	10-Oct-22	189d
PR-RS-7840	Procurement - Rail - Negotiate Contract	60d	08-Jun-21	31-Aug-21	368d
Depot		93d	16-May-22	26-Sep-22	198d
PR-RS-7900	Procurement - Rail (Depot) - AFC Design Issued	0d		16-May-22	201d
PR-RS-7920	Procurement - Rail (Depot) - Leadtime (18 Weeks)	130d	17-May-22	23-Sep-22	300d
PR-RS-8100	Procurement - Rail (Depot) - Commence Progressive On-Site Deliveries	0d	26-Sep-22		198d
Alignment		90d	01-Jun-22	10-Oct-22	109d
PR-RS-1060	Procurement - Rail (Alignment) - AFC Issued	0d		01-Jun-22	116d
PR-RS-1080	Procurement - Rail (Alignment) - Leadtime (18 Weeks)	130d	02-Jun-22	09-Oct-22	166d
PR-RS-1100	Procurement - Rail (Alignment) - Commence Progressive On-Site Deliveries	0d	10-Oct-22		109d
Turnouts		499d	08-Jun-21	23-Jun-23	356d
PR-RS-2000	Procurement - Turnouts - Prepare Inquiries & Issue Tender	10d	08-Jun-21	21-Jun-21	255d
PR-RS-2020	Procurement - Turnouts - Tender period	15d	22-Jun-21	12-Jul-21	255d
PR-RS-2040	Procurement - Turnouts - Tender review, assessment, Finalise Contract Negotiations	60d	13-Jul-21	06-Oct-21	255d
PR-RS-2060	Procurement - Turnouts - Sign Subcontract (VA-TTG)	0d		06-Oct-21	255d
Depot		203d	18-Jan-22	08-Nov-22	184d
PR-RS-8260	Procurement - Turnouts (Depot) - Gate 2 Issued to IV	0d		18-Jan-22	192d
PR-RS-8140	Procurement - Turnouts (Depot) - Shop Drawings (4 Weeks) Finalise and Agree with VAE-TTG	28d	19-Jan-22	15-Feb-22	279d
PR-RS-8160	Procurement - Turnouts (Depot) - Fabrication (31 Weeks)	216d	16-Feb-22	19-Sep-22	279d
PR-RS-8080	Procurement - Turnouts (Depot) - AFC Issued	0d		16-May-22	208d
PR-RS-8180	Procurement - Turnouts (Depot) - Shipping (7 Weeks)	50d	20-Sep-22	08-Nov-22	279d



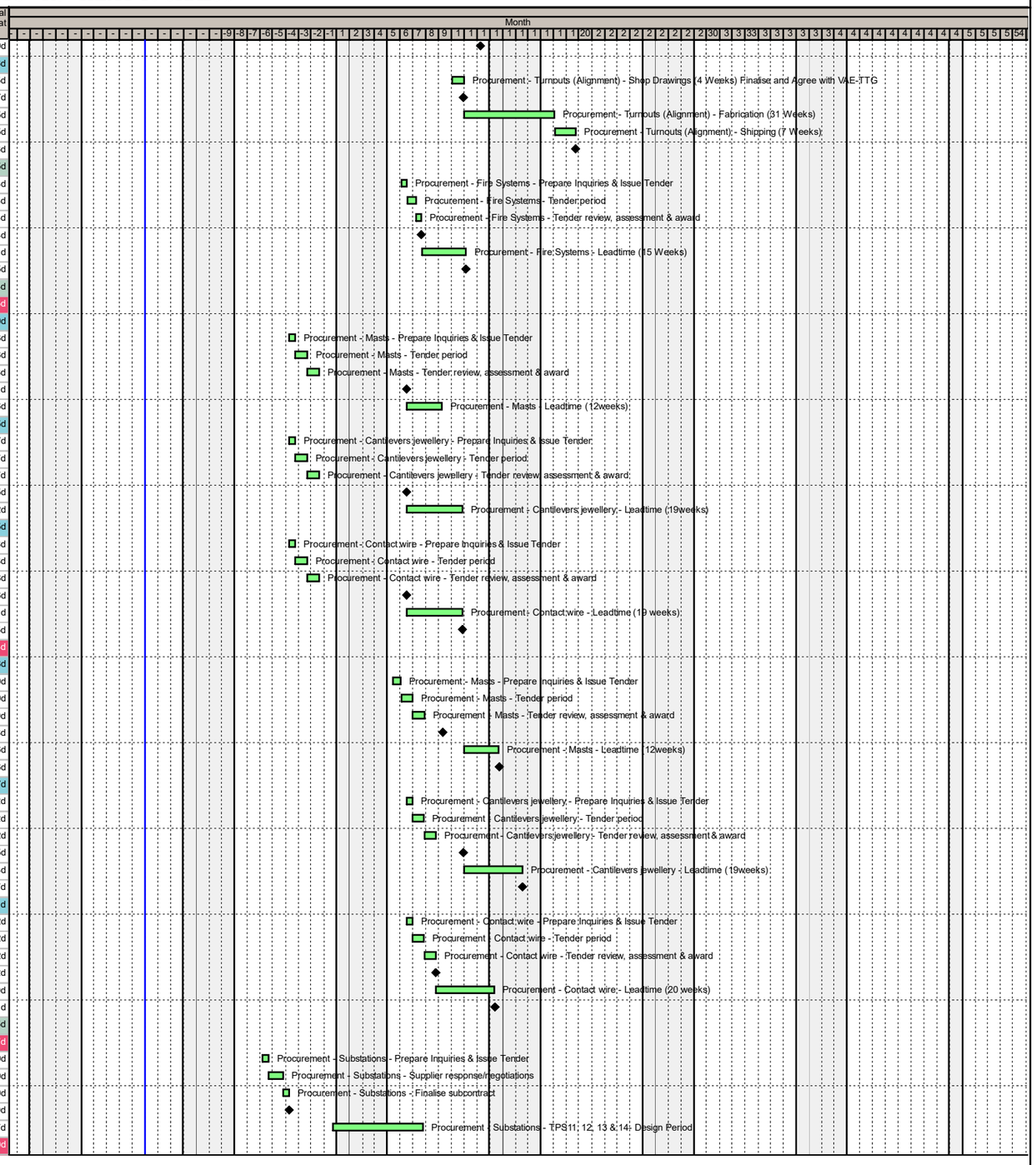
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PR-RS-2100	Procurement - Turnouts (Depot) - Arrival at Site	0d		08-Nov-22	279d
Alignment		194d	03-Sep-22	23-Jun-23	356d
PR-RS-8200	Procurement - Turnouts (Alignment) - Shop Drawings (4 Weeks) Finalise and Agree with VAE-TTG	28d	03-Sep-22	30-Sep-22	525d
PR-RS-8120	Procurement - Turnouts (Alignment) - AFC Issued	0d		29-Sep-22	347d
PR-RS-8220	Procurement - Turnouts (Alignment) - Fabrication (31 Weeks)	216d	01-Oct-22	04-May-23	525d
PR-RS-8240	Procurement - Turnouts (Alignment) - Shipping (7 Weeks)	50d	05-May-23	23-Jun-23	525d
PR-RS-8040	Procurement - Turnouts (Alignment) - Arrival at Site	0d		23-Jun-23	356d
Procurement - Fire Systems		108d	04-May-22	04-Oct-22	235d
PR-FS-1000	Procurement - Fire Systems - Prepare Inquiries & Issue Tender	10d	04-May-22	17-May-22	234d
PR-FS-1020	Procurement - Fire Systems - Tender period	15d	18-May-22	07-Jun-22	234d
PR-FS-1040	Procurement - Fire Systems - Tender review, assessment & award	10d	08-Jun-22	21-Jun-22	234d
PR-FS-1060	Procurement - Fire Systems - Award subcontract	0d		21-Jun-22	234d
PR-FS-1080	Procurement - Fire Systems - Leadtime (15 Weeks)	105d	22-Jun-22	04-Oct-22	351d
PR-FS-1100	Procurement - Fire Systems - Arrival at site	0d		04-Oct-22	235d
Procurement - OHW		367d	10-Aug-21	17-Feb-23	384d
Depot		276d	10-Aug-21	27-Sep-22	255d
OHW Masts		242d	10-Aug-21	08-Aug-22	280d
PR-RS-7640	Procurement - Masts - Prepare Inquiries & Issue Tender	10d	10-Aug-21	23-Aug-21	413d
PR-RS-7660	Procurement - Masts - Tender period	20d	24-Aug-21	21-Sep-21	413d
PR-RS-7680	Procurement - Masts - Tender review, assessment & award	20d	22-Sep-21	20-Oct-21	413d
PR-RS-7700	Procurement - Masts - Award subcontract	0d		16-May-22	281d
PR-RS-7720	Procurement - Masts - Leadtime (12weeks)	84d	17-May-22	08-Aug-22	416d
Cantilevers & Jewellery		276d	10-Aug-21	26-Sep-22	235d
PR-RS-7600	Procurement - Cantilevers jewellery - Prepare Inquiries & Issue Tender	10d	10-Aug-21	23-Aug-21	367d
PR-RS-7620	Procurement - Cantilevers jewellery - Tender period	20d	24-Aug-21	21-Sep-21	367d
PR-RS-7520	Procurement - Cantilevers jewellery - Tender review, assessment & award	20d	22-Sep-21	20-Oct-21	367d
PR-RS-7540	Procurement - Cantilevers jewellery - Award subcontract	0d		16-May-22	235d
PR-RS-7560	Procurement - Cantilevers jewellery - Leadtime (19weeks)	133d	17-May-22	26-Sep-22	352d
Contact Wire		276d	10-Aug-21	27-Sep-22	255d
PR-RS-7400	Procurement - Contact wire - Prepare Inquiries & Issue Tender	10d	10-Aug-21	23-Aug-21	388d
PR-RS-7420	Procurement - Contact wire - Tender period	20d	24-Aug-21	21-Sep-21	388d
PR-RS-7440	Procurement - Contact wire - Tender review, assessment & award	20d	22-Sep-21	20-Oct-21	388d
PR-RS-7460	Procurement - Contact wire - Award subcontract	0d		16-May-22	256d
PR-RS-7480	Procurement - Contact wire - Leadtime (19 weeks)	133d	17-May-22	26-Sep-22	381d
PR-RS-7500	Procurement - Contact wire - arrival on site	0d	27-Sep-22		255d
Alignment		204d	14-Apr-22	17-Feb-23	384d
OHW Masts		175d	14-Apr-22	23-Dec-22	223d
PR-RS-3000	Procurement - Masts - Prepare Inquiries & Issue Tender	10d	14-Apr-22	03-May-22	289d
PR-RS-3020	Procurement - Masts - Tender period	20d	04-May-22	31-May-22	289d
PR-RS-3040	Procurement - Masts - Tender review, assessment & award	20d	01-Jun-22	28-Jun-22	289d
PR-RS-3060	Procurement - Masts - Award subcontract	0d		10-Aug-22	258d
PR-RS-3080	Procurement - Masts - Leadtime (12weeks)	84d	30-Sep-22	22-Dec-22	336d
PR-RS-7260	Commence progressive on-site deliveries	0d	23-Dec-22		336d
Cantilevers & Jewellery		185d	17-May-22	17-Feb-23	377d
PR-RS-3200	Procurement - Cantilevers jewellery - Prepare Inquiries & Issue Tender	10d	17-May-22	30-May-22	412d
PR-RS-3220	Procurement - Cantilevers jewellery - Tender period	20d	31-May-22	27-Jun-22	412d
PR-RS-3240	Procurement - Cantilevers jewellery - Tender review, assessment & award	20d	28-Jun-22	25-Jul-22	412d
PR-RS-3260	Procurement - Cantilevers jewellery - Award subcontract	0d		29-Sep-22	365d
PR-RS-3280	Procurement - Cantilevers jewellery - Leadtime (19weeks)	140d	30-Sep-22	16-Feb-23	554d
PR-RS-3300	Procurement - Cantilevers jewellery - Commence progressive on-site deliveries	0d	17-Feb-23		377d
Contact Wire		148d	17-May-22	13-Dec-22	421d
PR-RS-3400	Procurement - Contact wire - Prepare Inquiries & Issue Tender	10d	17-May-22	30-May-22	412d
PR-RS-3420	Procurement - Contact wire - Tender period	20d	31-May-22	27-Jun-22	412d
PR-RS-3440	Procurement - Contact wire - Tender review, assessment & award	20d	28-Jun-22	25-Jul-22	412d
PR-RS-3460	Procurement - Contact wire - Award subcontract	0d		25-Jul-22	412d
PR-RS-3480	Procurement - Contact wire - Leadtime (20 weeks)	140d	26-Jul-22	12-Dec-22	620d
PR-RS-3500	Procurement - Contact wire - arrival on site	0d	13-Dec-22		421d
Procurement - Substations		456d	08-Jun-21	22-Apr-23	125d
Supplier Award		256d	08-Jun-21	24-Jun-22	87d
PR-SS-1040	Procurement - Substations - Prepare Inquiries & Issue Tender	10d	08-Jun-21	21-Jun-21	159d
PR-SS-1060	Procurement - Substations - Supplier response/negotiations	25d	22-Jun-21	26-Jul-21	159d
PR-SS-1080	Procurement - Substations - Finalise subcontract	10d	27-Jul-21	09-Aug-21	160d
PR-SS-1100	Procurement - Substations - Award of Contract	0d	10-Aug-21		160d
PR-SS-1200	Procurement - Substations - TPS11, 12, 13 & 14- Design Period	138d	23-Nov-21	24-Jun-22	87d
Manufacturing		302d	25-Jun-22	22-Apr-23	180d



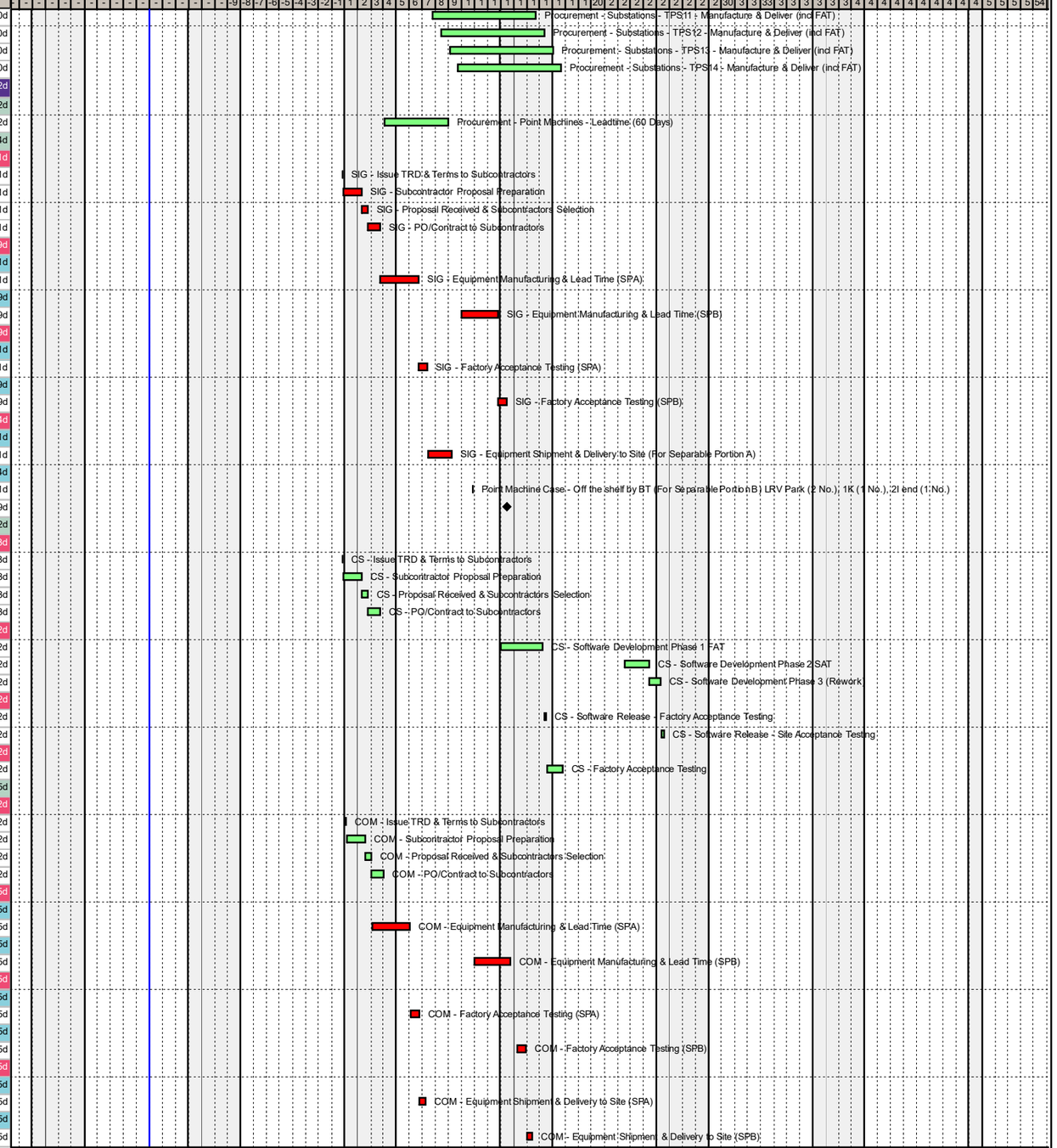
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
PR-SS-1120	Procurement - Substations - TPS11 - Manufacture & Deliver (incl FAT)	242d	25-Jun-22	21-Feb-23	180d
PR-SS-1140	Procurement - Substations - TPS12 - Manufacture & Deliver (incl FAT)	242d	15-Jul-22	13-Mar-23	180d
PR-SS-1160	Procurement - Substations - TPS13 - Manufacture & Deliver (incl FAT)	242d	04-Aug-22	02-Apr-23	180d
PR-SS-1180	Procurement - Substations - TPS14 - Manufacture & Deliver (incl FAT)	242d	24-Aug-22	22-Apr-23	180d
Procurement - Rail Systems Core Scope		502d	26-Nov-21	18-Dec-23	212d
Procurement - Point Machines		150d	04-Mar-22	31-Jul-22	372d
PR-RS-A1150	Procurement - Point Machines - Leadtime (60 Days)	150d	04-Mar-22	31-Jul-22	372d
Procurement - Signalling		257d	26-Nov-21	16-Dec-22	204d
Subcontractor		51d	26-Nov-21	22-Feb-22	291d
PR-RS-7320	SIG - Issue TRD & Terms to Subcontractors	1d	26-Nov-21	26-Nov-21	291d
PR-RS-7340	SIG - Subcontractor Proposal Preparation	20d	29-Nov-21	10-Jan-22	291d
PR-RS-7360	SIG - Proposal Received & Subcontractors Selection	10d	11-Jan-22	24-Jan-22	291d
PR-RS-7380	SIG - PO/Contract to Subcontractors	20d	25-Jan-22	22-Feb-22	291d
Manufacturing		191d	23-Feb-22	24-Nov-22	169d
Separable Portion A		60d	23-Feb-22	23-May-22	291d
PR-RS-7300	SIG - Equipment Manufacturing & Lead Time (SPA)	60d	23-Feb-22	23-May-22	291d
Separable Portion B		60d	01-Sep-22	24-Nov-22	169d
PR-RS-4080	SIG - Equipment Manufacturing & Lead Time (SPB)	60d	01-Sep-22	24-Nov-22	169d
Factory Acceptance Testing		146d	24-May-22	15-Dec-22	169d
Separable Portion A		15d	24-May-22	13-Jun-22	291d
PR-RS-7760	SIG - Factory Acceptance Testing (SPA)	15d	24-May-22	13-Jun-22	291d
Separable Portion B		15d	25-Nov-22	15-Dec-22	169d
PR-RS-4100	SIG - Factory Acceptance Testing (SPB)	15d	25-Nov-22	15-Dec-22	169d
Equipment Delivery		131d	14-Jun-22	16-Dec-22	204d
Separable Portion A		40d	14-Jun-22	08-Aug-22	291d
PR-RS-7280	SIG - Equipment Shipment & Delivery to Site (For Separable Portion A)	40d	14-Jun-22	08-Aug-22	291d
Separable Portion B		58d	26-Sep-22	16-Dec-22	204d
PR-RS-4140	Point Machine Case - Off the shelf by BT (For Separable Portion B) LRV Park (2 No.), 1K (1 No.), 2I end (1 No	1d	26-Sep-22	26-Sep-22	261d
PR-RS-4120	SIG - Equipment Shipment & Delivery to Site (For Separable Portion B)	0d	16-Dec-22		169d
Procurement - Control System		502d	26-Nov-21	18-Dec-23	212d
Subcontractor		51d	26-Nov-21	22-Feb-22	343d
PR-RS-5000	CS - Issue TRD & Terms to Subcontractors	1d	26-Nov-21	26-Nov-21	343d
PR-RS-5020	CS - Subcontractor Proposal Preparation	20d	29-Nov-21	10-Jan-22	343d
PR-RS-5040	CS - Proposal Received & Subcontractors Selection	10d	11-Jan-22	24-Jan-22	343d
PR-RS-5060	CS - PO/Contract to Subcontractors	20d	25-Jan-22	22-Feb-22	343d
Software Development		250d	02-Dec-22	11-Dec-23	212d
PR-RS-5080	CS - Software Development Phase 1 FAT	60d	02-Dec-22	10-Mar-23	212d
PR-RS-5100	CS - Software Development Phase 2 SAT	40d	18-Sep-23	13-Nov-23	212d
PR-RS-5120	CS - Software Development Phase 3 (Rework)	20d	14-Nov-23	11-Dec-23	212d
Software Release		195d	13-Mar-23	18-Dec-23	212d
PR-RS-5140	CS - Software Release - Factory Acceptance Testing	5d	13-Mar-23	17-Mar-23	212d
PR-RS-5160	CS - Software Release - Site Acceptance Testing	5d	12-Dec-23	18-Dec-23	212d
Factory Acceptance Testing		25d	20-Mar-23	26-Apr-23	212d
PR-RS-5180	CS - Factory Acceptance Testing	25d	20-Mar-23	26-Apr-23	212d
Procurement - Communications		283d	03-Dec-21	13-Feb-23	295d
Subcontractor		51d	03-Dec-21	01-Mar-22	442d
PR-RS-6000	COM - Issue TRD & Terms to Subcontractors	1d	03-Dec-21	03-Dec-21	442d
PR-RS-6020	COM - Subcontractor Proposal Preparation	20d	06-Dec-21	17-Jan-22	442d
PR-RS-6040	COM - Proposal Received & Subcontractors Selection	10d	18-Jan-22	01-Feb-22	442d
PR-RS-6060	COM - PO/Contract to Subcontractors	20d	02-Feb-22	01-Mar-22	442d
Manufacturing		226d	03-Feb-22	23-Dec-22	295d
Separable Portion A		60d	03-Feb-22	03-May-22	335d
PR-RS-7780	COM - Equipment Manufacturing & Lead Time (SPA)	60d	03-Feb-22	03-May-22	335d
Separable Portion B		60d	30-Sep-22	23-Dec-22	295d
PR-RS-6080	COM - Equipment Manufacturing & Lead Time (SPB)	60d	30-Sep-22	23-Dec-22	295d
Factory Acceptance Testing		181d	04-May-22	30-Jan-23	295d
Separable Portion A		15d	04-May-22	24-May-22	335d
PR-RS-7800	COM - Factory Acceptance Testing (SPA)	15d	04-May-22	24-May-22	335d
Separable Portion B		15d	09-Jan-23	30-Jan-23	295d
PR-RS-6100	COM - Factory Acceptance Testing (SPB)	15d	09-Jan-23	30-Jan-23	295d
Equipment Delivery		176d	25-May-22	13-Feb-23	295d
Separable Portion A		10d	25-May-22	07-Jun-22	335d
PR-RS-7820	COM - Equipment Shipment & Delivery to Site (SPA)	10d	25-May-22	07-Jun-22	335d
Separable Portion B		10d	31-Jan-23	13-Feb-23	295d
PR-RS-6120	COM - Equipment Shipment & Delivery to Site (SPB)	10d	31-Jan-23	13-Feb-23	295d



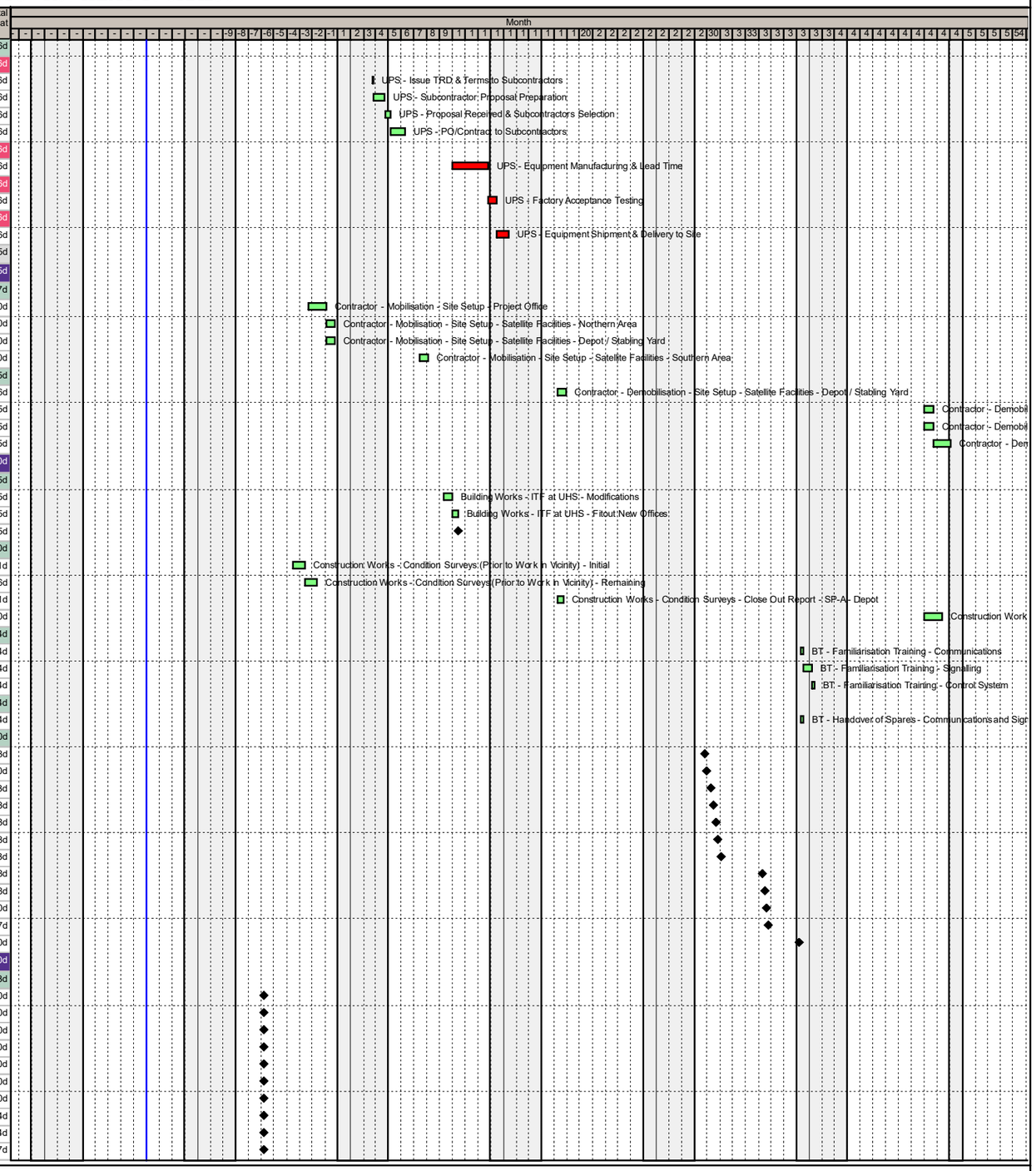
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Procurement - UPS Systems		216d	23-Feb-22	12-Jan-23	316d
Subcontractor		51d	23-Feb-22	10-May-22	396d
PR-RS-7000	UPS - Issue TRD & Terms to Subcontractors	1d	23-Feb-22	23-Feb-22	396d
PR-RS-7020	UPS - Subcontractor Proposal Preparation	20d	24-Feb-22	23-Mar-22	396d
PR-RS-7040	UPS - Proposal Received & Subcontractors Selection	10d	24-Mar-22	06-Apr-22	396d
PR-RS-7060	UPS - PO/Contract to Subcontractors	20d	07-Apr-22	10-May-22	396d
Manufacturing		60d	01-Sep-22	24-Nov-22	316d
PR-RS-7080	UPS - Equipment Manufacturing & Lead Time	60d	01-Sep-22	24-Nov-22	316d
Factory Acceptance Testing		15d	25-Nov-22	15-Dec-22	316d
PR-RS-7100	UPS - Factory Acceptance Testing	15d	25-Nov-22	15-Dec-22	316d
Equipment Delivery		10d	16-Dec-22	12-Jan-23	316d
PR-RS-7120	UPS - Equipment Shipment & Delivery to Site	10d	16-Dec-22	12-Jan-23	316d
DELIVERY / CONSTRUCTION PHASE		1102d	08-Jun-21	04-Dec-25	75d
Mobilisation / Demobilisation		1027d	22-Sep-21	04-Dec-25	75d
Mobilisation and Site Setups		188d	22-Sep-21	05-Jul-22	237d
DP-MO-SS-1000	Contractor - Mobilisation - Site Setup - Project Office	30d	22-Sep-21	03-Nov-21	80d
DP-MO-SS-1020	Contractor - Mobilisation - Site Setup - Satellite Facilities - Northern Area	15d	04-Nov-21	24-Nov-21	80d
DP-MO-SS-1080	Contractor - Mobilisation - Site Setup - Satellite Facilities - Depot / Stabling Yard	15d	04-Nov-21	24-Nov-21	380d
DP-MO-SS-1040	Contractor - Mobilisation - Site Setup - Satellite Facilities - Southern Area	15d	15-Jun-22	05-Jul-22	120d
Demobilisation and Site Cleanups		636d	10-May-23	04-Dec-25	75d
DP-DM-SS-1080	Contractor - Demobilisation - Site Setup - Satellite Facilities - Depot / Stabling Yard	15d	10-May-23	30-May-23	666d
DP-DM-SS-1040	Contractor - Demobilisation - Site Setup - Satellite Facilities - Southern Area	15d	02-Oct-25	23-Oct-25	75d
DP-DM-SS-1020	Contractor - Demobilisation - Site Setup - Satellite Facilities - Northern Area	15d	02-Oct-25	23-Oct-25	75d
DP-DM-SS-1000	Contractor - Demobilisation - Site Setup - Project Office	30d	24-Oct-25	04-Dec-25	75d
Site Wide		1038d	16-Aug-21	13-Nov-25	90d
Integrated Testing Facility - Room Fitout		25d	10-Aug-22	14-Sep-22	275d
DP-4B-BW-1060	Building Works - ITF at UHS - Modifications	15d	10-Aug-22	31-Aug-22	275d
DP-4B-BW-1080	Building Works - ITF at UHS - Fitout New Offices	10d	01-Sep-22	14-Sep-22	275d
DP-4B-BW-1100	Building Works - ITF at UHS - Ready for Commissioning	0d		14-Sep-22	275d
Condition Surveys		1038d	16-Aug-21	13-Nov-25	90d
DP-CW-CS-1000	Construction Works - Condition Surveys (Prior to Work in Vicinity) - Initial	20d	16-Aug-21	13-Sep-21	131d
DP-CW-CS-1020	Construction Works - Condition Surveys (Prior to Work in Vicinity) - Remaining	20d	14-Sep-21	12-Oct-21	296d
DP-CW-CS-1040	Construction Works - Condition Surveys - Close Out Report - SP-A - Depot	10d	10-May-23	23-May-23	671d
DP-CW-CS-1060	Construction Works - Condition Surveys - Close Out Report - SP-B - Main Alignment	30d	02-Oct-25	13-Nov-25	90d
Training		15d	10-Dec-24	13-Jan-25	104d
DP-000-BT-3990	BT - Familiarisation Training - Communications	5d	10-Dec-24	16-Dec-24	104d
DP-000-BT-4010	BT - Familiarisation Training - Signalling	5d	17-Dec-24	06-Jan-25	104d
DP-000-BT-4020	BT - Familiarisation Training - Control System	5d	07-Jan-25	13-Jan-25	104d
Spares		5d	10-Dec-24	16-Dec-24	114d
DP-000-BT-4000	BT - Handover of Spares - Communications and Signalling	5d	10-Dec-24	16-Dec-24	114d
OHW Milestones		157d	26-Apr-24	07-Dec-24	0d
DP-OH-MS-1060	Commence Dressing Wire Poles (North)	0d		26-Apr-24	83d
DP-OH-MS-1000	Zones 1A & i55 - Commence Dressing Wire Poles (Exclude BBS)	0d	29-Apr-24		140d
DP-OH-MS-1020	WR 4/5 - Commence Wire Run	0d	09-May-24		83d
DP-OH-MS-1030	WR 6/7- Commence Wire Run	0d	17-May-24		83d
DP-OH-MS-1100	WR 8/9 - Commence Wire Run	0d	22-May-24		83d
DP-OH-MS-1140	WR 10/11 - Commence Wire Run	0d	27-May-24		83d
DP-OH-MS-1160	WR 12 - Commence Overhead Wiring	0d	03-Jun-24		83d
DP-2I-OH-1120	WR 19/20 - Commence Wire Run	0d	09-Sep-24		8d
DP-OH-MS-1280	WR 17/18 - Commence Wire Run	0d	16-Sep-24		8d
DP-OH-MS-1240	WR 15/16 - Commence Wire Run	0d	20-Sep-24		10d
DP-OH-MS-1200	WR 13/14 - Commence Wire Run	0d	25-Sep-24		17d
DP-OH-MS-1320	WR 1/2/3 - Commence Wire Run	0d	07-Dec-24		0d
Northern Area - Broadbeach Station to Southern Side of Dawn Parade (Ch 33,350 - 37,095)		860d	08-Jun-21	08-Dec-24	120d
Site Access Dates - Client Nominated		17d	08-Jun-21	01-Jul-21	843d
DP-SA-1A-GL04	GL04 - Part of Gold Coast Highway (Broadbeach South Station) - Condition 'M', 'E'	0d	08-Jun-21		520d
DP-SA-1A-RW03	RW03 - Part of Reserve fronting Little Tallbudgera Creek	0d	08-Jun-21		620d
DP-SA-1A-R03	R03 - Gold Coast Highway - Signalling required to control pedestrian access over bus access rd (Ch33300-334(	0d	08-Jun-21		520d
DP-SA-1A-RW02	RW02 - Part of Gold Coast Highway (dedicated bus access road only) - Road widening Works	0d	08-Jun-21		620d
DP-SA-1A-GL05	GL05 - Part of Gold Coast Highway (Broadbeach South Station) - Condition 'M'	0d	08-Jun-21		520d
DP-SA-1A-GL06	GL06 - Part of Gold Coast Hightway (Broadbeach South Station) - Condition 'M'	0d	08-Jun-21		520d
DP-SA-1A-R04	R04 - Gold Coast Highway & Alexandra Ave - Condition 'A' (Ch33400-33500)	0d	08-Jun-21		520d
DP-SA-1A-S01	S01- Whole of Gold Coast Highway - 56/SP306695 (Temporary Works Area)	0d	08-Jun-21*		384d
DP-SA-1A-S02	S02 - Whole of Gold Coast Highway - 4/SP258748 (Temporary Works Area)	0d	08-Jun-21*		384d
DP-SA-I55-R05	R05 - Gold Coast Hwy/Pacific Fair Drv/Mermaid Ave (I55) - Condition 'A' (Ch33,500-33,600)	0d	08-Jun-21		547d



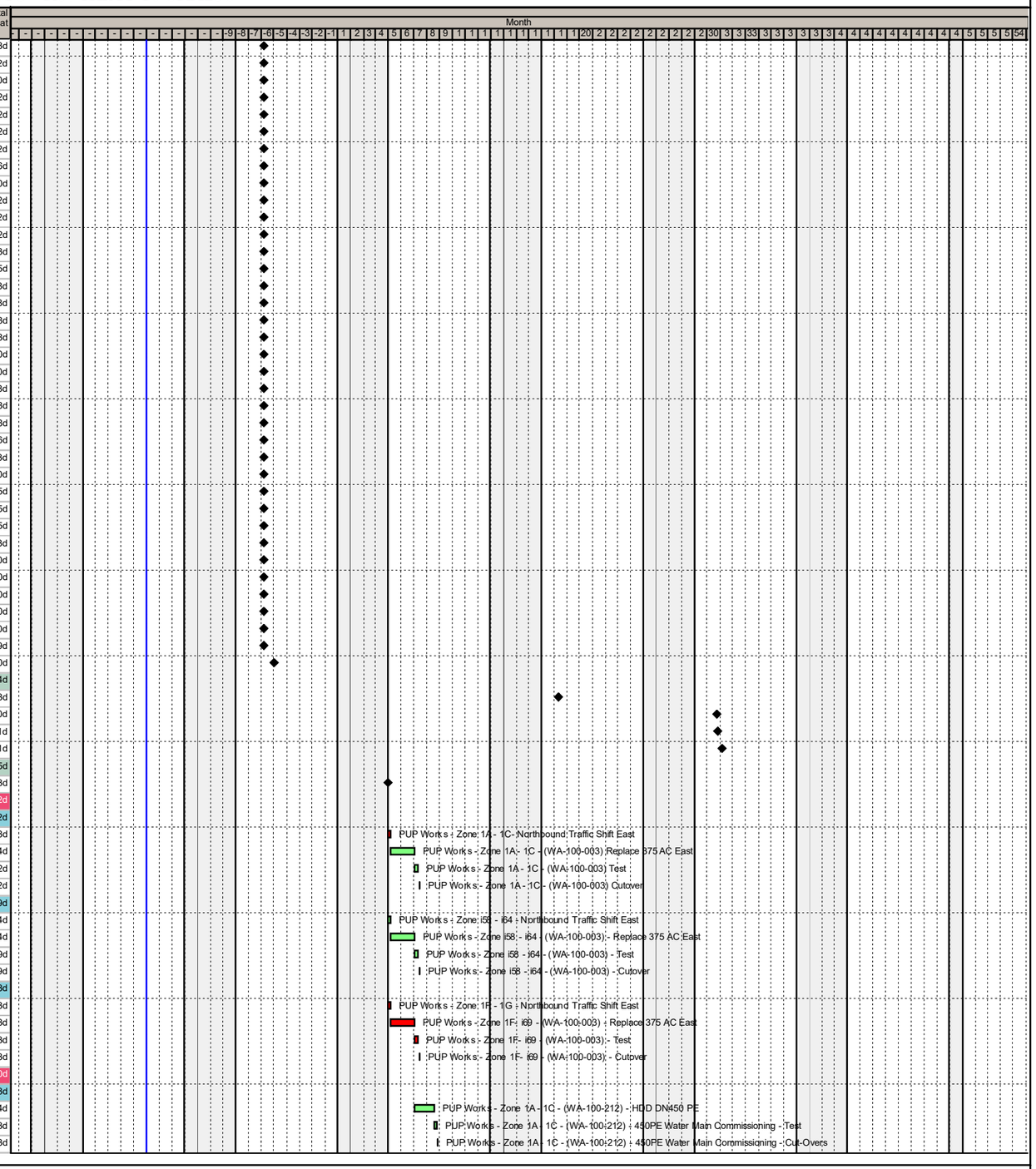
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-SA-1B-R06	R06 - Gold Coast Highway/Seaview Ave/Peerless Ave - Condition 'A' (Ch33600-33700)	0d	08-Jun-21		473d
DP-SA-I56-R07	R07 - Gold Coast Highway/Surfers Ave/Sunbrite - Condition 'A' (Ch33700-33800)	0d	08-Jun-21		662d
DP-SA-1A-R08	R08 - Gold Coast Highway/Cronulla Ave - Condition 'A' (Ch33300-33900)	0d	08-Jun-21		520d
DP-SA-1C-R09	R09 - Gold Coast Highway/Ventura Ave - Condition 'A' (Ch33900-34000)	0d	08-Jun-21		542d
DP-SA-1C-R10	R10 - Gold Coast Highway/Ventura Rd/Gaven Crescent - Condition 'A' (Ch34000-34100)	0d	08-Jun-21		542d
DP-SA-I58-R11	R11 - Gold Coast Highway/Montana Rd/Crescent Ave - Condition 'A' (Ch34100-34200)	0d	08-Jun-21		422d
DP-SA-I58-R12	R12 - Gold Coast Highway/Crescent Ave/Francis St - Condition 'A' (Ch34200-34300)	0d	08-Jun-21		422d
DP-SA-1D-R14	R14 - Gold Coast Highway/Ocean St/Glenelg Ave/Venice St - Condition 'A' (Ch34400-34500)	0d	08-Jun-21		446d
DP-SA-I62-R15	R15 - Gold Coast Highway/Venice St/Bondi Ave - Condition 'A' (Ch34500-34600)	0d	08-Jun-21		570d
DP-SA-1E-R17	R17 - Gold Coast Highway/Hilda St - Condition 'A' (Ch34700-34800)	0d	08-Jun-21		572d
DP-SA-1E-R16	R16 - Gold Coast Highway/Spotsman Ave/William St - Condition 'A' (Ch34600-34700)	0d	08-Jun-21		572d
DP-SA-1E-RW04	RW04 - Gold Coast Highway (Annette Kellerman Park)	0d	08-Jun-21		572d
DP-SA-I64-R18	R18 - Gold Coast Highway (Cnr Markeri St)	0d	08-Jun-21		613d
DP-SA-1F-R19	R19 - Gold Coast Highway/Seabeach Ave/Alfred St (Ch34900-35000)	0d	08-Jun-21		475d
DP-SA-1F-R20	R20 - Gold Coast Highway/Tamborine St (Ch35000-35100)	0d	08-Jun-21		478d
DP-SA-1F-R21	R21 - Gold Coast Highway/Arthur St (Ch35100-35200)	0d	08-Jun-21		478d
DP-SA-1F-R22	R22 - Gold Coast Highway/Seashell Ave (Ch35200-35300)	0d	08-Jun-21		478d
DP-SA-1F-R23	R23 - Gold Coast Highway (Ch35300-35400)	0d	08-Jun-21		478d
DP-SA-I67-R24	R24 - Gold Coast Highway/Heron Ave (Ch35400-35500)	0d	08-Jun-21		550d
DP-SA-I62-R25	R25 - Gold Coast Highway (Ch34500-35600)	0d	08-Jun-21		570d
DP-SA-1G-R26	R26 - Gold Coast Highway/Surf St (Ch35600-35700)	0d	08-Jun-21		398d
DP-SA-1G-R27	R27 - Gold Coast Highway (Ch35700-35800)	0d	08-Jun-21		398d
DP-SA-1G-R28	R28 - Gold Coast Highway (Ch35800-35900)	0d	08-Jun-21		398d
DP-SA-I69-R29	R29 - Gold Coast Highway (Ch35900-36000)	0d	08-Jun-21		696d
DP-SA-1H-R30	R30 - Gold Coast Highway/Dolphin Ave (Ch36000-36100)	0d	08-Jun-21		613d
DP-SA-1I-R31	R31 - Gold Coast Highway/Albicore St/Chairlift Ave/Great Hall Drive (Ch36100-36200)	0d	08-Jun-21		860d
DP-SA-1J-R32	R32 - Gold Coast Highway (Ch36200-36300) - Condition 'A'	0d	08-Jun-21		585d
DP-SA-1J-R33	R33 - Gold Coast Highway/Kedron Ave (Ch36300-36400) - Condition 'A'	0d	08-Jun-21		585d
DP-SA-1J-R34	R34 - Gold Coast Highway (Ch36400-36500) - Condition 'A'	0d	08-Jun-21		585d
DP-SA-I71-R35	R35 - Gold Coast Highway/Pacific Highway (Ch36500-36600) - Condition 'A'	0d	08-Jun-21		673d
DP-SA-1K-R36	R36 - Gold Coast Highway/Oak Highway/Henchman Ave (Ch36600-36700) - Condition 'A'	0d	08-Jun-21		510d
DP-SA-1K-RW06	RW06 - Whole of Gold Coast Highway (Sandercock Park) - Condition 'A' 'E', OF3 to comply with Constrcution T	0d	08-Jun-21		510d
DP-SA-1K-R37	R37 - Gold Coast Highway/Paradise Ave/Henchman Ave (Ch36700-36800) - Condition 'A'	0d	08-Jun-21		510d
DP-SA-1K-R38	R38 - Gold Coast Highway/Paradise Ave/Santa Monica Rd/Bardon Ave (Ch36800-36900) - Condition 'A'	0d	08-Jun-21		510d
DP-SA-1K-R39	R39 - Gold Coast Highway/Schuster Ave/Messiness Cres (Ch36900-37000) - Condition 'A'	0d	08-Jun-21		510d
DP-SA-I73-R40	R40 - Gold Coast Highway/Dawn Pde/Riviera Rd/Messiness Cres (Ch37000-37100) - Condition 'A'	0d	08-Jun-21		729d
DP-SA-1D-R13	R13 - Gold Coast Highway/Dudley St/Atlantic Ave/Ocean St - Condition 'A' (Ch34300-34400)	0d	01-Jul-21*		0d
Ticketing Machines - State - ROS Dates		261d	12-May-23	05-Jun-24	94d
DP-I58-COMM-1580	Mermaid Beach Stop MEB - ROS TIcketing Machine	0d	12-May-23		333d
DP-1F-COMM-1620	Mermaid South Stop MBS - ROS TIcketing Machine	0d	24-May-24		80d
DP-1K-COMM-1700	Miami North Stop MIN - ROS TIcketing Machine	0d	27-May-24		101d
DP-1H-COMM-1660	Nobby Beach Stop NBE - ROS TIcketing Machine	0d	05-Jun-24		91d
CoGC Water - Water Mains		92d	31-Mar-22	11-Aug-22	105d
DP-1A-WT-1000	PUP Works - Zone 1A and Zone i73 - Commence Installation of 450 Water Main	0d	31-Mar-22		3d
Replacement of DN375 AC Water Main with New DN450PE water main (WA-100-003)(Southbound)		43d	31-Mar-22	14-Jun-22	62d
1A - 1C		43d	31-Mar-22	14-Jun-22	62d
DP-1A-WT-1200	PUP Works - Zone 1A - 1C- Northbound Traffic Shift East	5d	31-Mar-22	05-Apr-22	3d
DP-1A-WT-2461	PUP Works - Zone 1A - 1C - (WA-100-003) Replace 375 AC East	32d	07-Apr-22	02-Jun-22	4d
DP-1A-WT-3200	PUP Works - Zone 1A - 1C - (WA-100-003) Test	5d	03-Jun-22	10-Jun-22	62d
DP-1A-WT-3220	PUP Works - Zone 1A - 1C - (WA-100-003) Cutover	1d	14-Jun-22	14-Jun-22	62d
i58 - i64		43d	31-Mar-22	14-Jun-22	49d
DP-1A-WT-2440	PUP Works - Zone i58 - i64 - Northbound Traffic Shift East	5d	31-Mar-22	05-Apr-22	4d
DP-I58-WT-1870	PUP Works - Zone i58 - i64 - (WA-100-003) - Replace 375 AC East	32d	07-Apr-22	02-Jun-22	4d
DP-I58-WT-1890	PUP Works - Zone i58 - i64 - (WA-100-003) - Test	5d	03-Jun-22	10-Jun-22	49d
DP-I58-WT-1910	PUP Works - Zone i58 - i64 - (WA-100-003) - Cutover	1d	14-Jun-22	14-Jun-22	49d
1F - i69		43d	31-Mar-22	14-Jun-22	3d
DP-1A-WT-2530	PUP Works - Zone 1F - 1G - Northbound Traffic Shift East	5d	31-Mar-22	05-Apr-22	3d
DP-1F-WT-3030	PUP Works - Zone 1F- i69 - (WA-100-003) - Replace 375 AC East	32d	07-Apr-22	02-Jun-22	3d
DP-1F-WT-3050	PUP Works - Zone 1F- i69 - (WA-100-003) - Test	5d	03-Jun-22	10-Jun-22	3d
DP-1F-WT-3070	PUP Works - Zone 1F- i69 - (WA-100-003) - Cutover	1d	14-Jun-22	14-Jun-22	3d
Installation of 450PE Water Main (WA-100-212)(Northbound)		53d	24-May-22	04-Aug-22	110d
1A - 1C		39d	03-Jun-22	27-Jul-22	3d
DP-1A-WT-4000	PUP Works - Zone 1A - 1C - (WA-100-212) - HDD DN450 PE	32d	03-Jun-22	19-Jul-22	4d
DP-I58-WT-1850	PUP Works - Zone 1A - 1C - (WA-100-212) - 450PE Water Main Commissioning - Test	5d	20-Jul-22	26-Jul-22	3d
DP-I58-WT-1860	PUP Works - Zone 1A - 1C - (WA-100-212) - 450PE Water Main Commissioning - Cut-Overs	1d	27-Jul-22	27-Jul-22	3d



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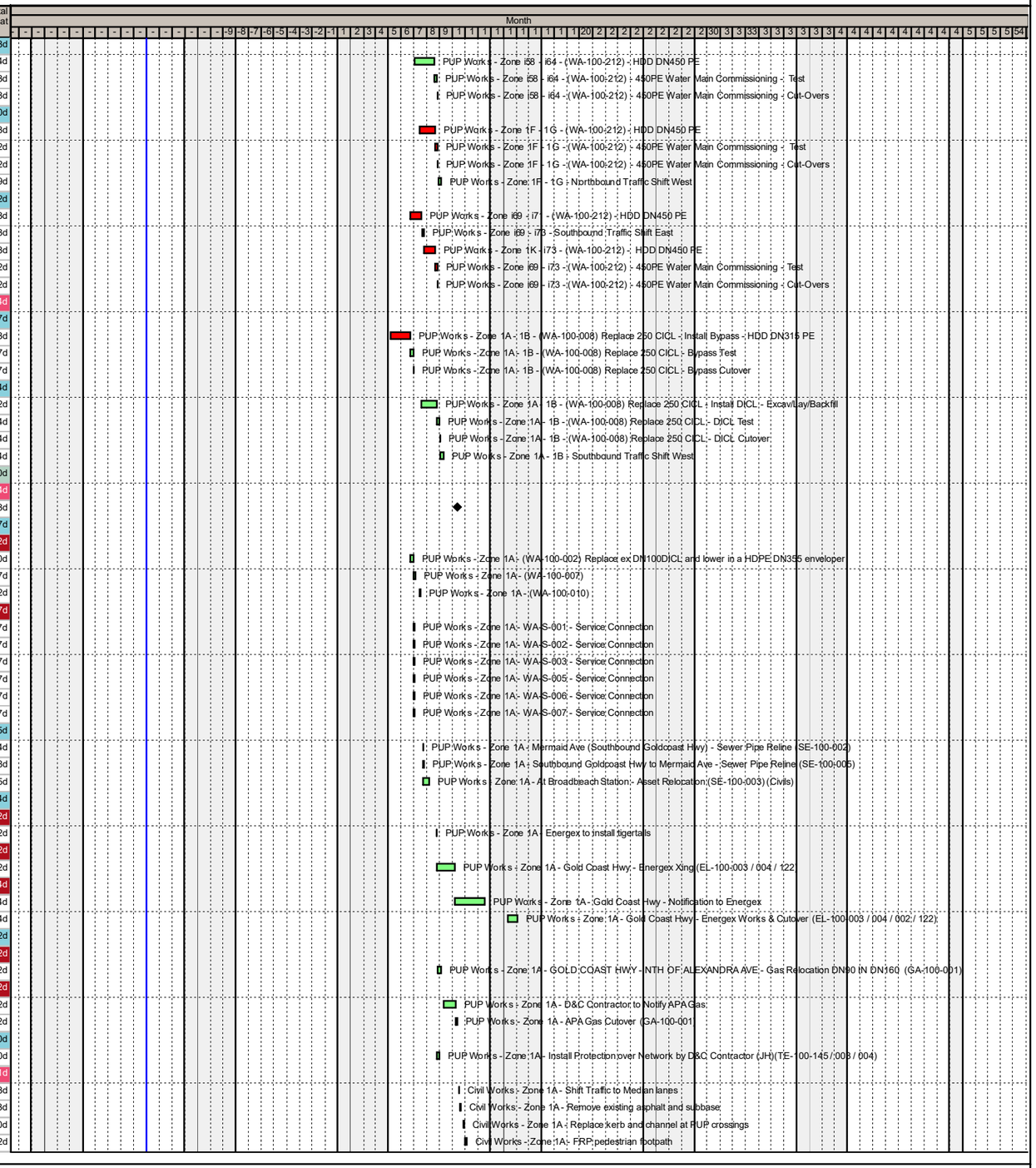
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Filter TASK filter: All Activities

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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
i58 - i64		39d	03-Jun-22	27-Jul-22	3d
DP-1D-WT-2500	PUP Works - Zone i58 - i64 - (WA-100-212) - HDD DN450 PE	32d	03-Jun-22	19-Jul-22	4d
DP-i64-WT-1850	PUP Works - Zone i58 - i64 - (WA-100-212) - 450PE Water Main Commissioning - Test	5d	20-Jul-22	26-Jul-22	3d
DP-i64-WT-1900	PUP Works - Zone i58 - i64 - (WA-100-212) - 450PE Water Main Commissioning - Cut-Overs	1d	27-Jul-22	27-Jul-22	3d
1F - 1G		37d	15-Jun-22	04-Aug-22	110d
DP-1F-WT-2560	PUP Works - Zone 1F - 1G - (WA-100-212) - HDD DN450 PE	27d	15-Jun-22	20-Jul-22	3d
DP-i70-WT-1850	PUP Works - Zone 1F - 1G - (WA-100-212) - 450PE Water Main Commissioning - Test	5d	21-Jul-22	27-Jul-22	2d
DP-i70-WT-1940	PUP Works - Zone 1F - 1G - (WA-100-212) - 450PE Water Main Commissioning - Cut-Overs	1d	28-Jul-22	28-Jul-22	2d
DP-1A-WT-4020	PUP Works - Zone 1F - 1G - Northbound Traffic Shift West	5d	29-Jul-22	04-Aug-22	99d
i69 - i73		48d	24-May-22	28-Jul-22	2d
DP-I70-WT-2620	PUP Works - Zone i69 - i71 - (WA-100-212) - HDD DN450 PE	18d	24-May-22	18-Jun-22	3d
DP-i73-WT-1240	PUP Works - Zone i69 - i73 - Southbound Traffic Shift East	5d	20-Jun-22	24-Jun-22	3d
DP-i73-WT-2660	PUP Works - Zone 1K - i73 - (WA-100-212) - HDD DN450 PE	18d	25-Jun-22	20-Jul-22	3d
DP-1K-WT-1850	PUP Works - Zone i69 - i73 - (WA-100-212) - 450PE Water Main Commissioning - Test	5d	21-Jul-22	27-Jul-22	2d
DP-1K-WT-1860	PUP Works - Zone i69 - i73 - (WA-100-212) - 450PE Water Main Commissioning - Cut-Overs	1d	28-Jul-22	28-Jul-22	2d
Replacement of DN250 CICL Water Main with New DICL Water Main (WA-100-008)		80d	07-Apr-22	11-Aug-22	84d
Bypass		30d	07-Apr-22	31-May-22	67d
DP-1A-WT-2510	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - Install Bypass - HDD DN315 PE	24d	07-Apr-22	23-May-22	3d
DP-1A-WT-3240	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - Bypass Test	5d	24-May-22	30-May-22	67d
DP-1A-WT-3260	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - Bypass Cutover	1d	31-May-22	31-May-22	67d
DICL		39d	18-Jun-22	11-Aug-22	84d
DP-1A-WT-3265	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - Install DICL - Excav/Lay/Backfill	28d	18-Jun-22	25-Jul-22	62d
DP-1A-WT-3270	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - DICL Test	5d	26-Jul-22	01-Aug-22	84d
DP-1A-WT-3275	PUP Works - Zone 1A- 1B - (WA-100-008) Replace 250 CICL - DICL Cutover	1d	02-Aug-22	02-Aug-22	84d
DP-1A-WT-3280	PUP Works - Zone 1A- 1B - Southbound Traffic Shift West	5d	03-Aug-22	11-Aug-22	84d
Zone 1A (Ch 33,325 - 33,555) - 230m		629d	23-May-22	08-Dec-24	120d
Public Utilities Plant Works		171d	23-May-22	02-Feb-23	204d
DP-1A-MS-1000	PUP Works - Zone 1A- Conduits and Pipes Complete - Civil work to Commence	0d		12-Sep-22	73d
CoGC - Water		18d	23-May-22	17-Jun-22	127d
Water Scope		18d	23-May-22	17-Jun-22	62d
DP-1A-WT-1020	PUP Works - Zone 1A- (WA-100-002) Replace ex DN100DICL and lower in a HDPE DN355 enveloper	7d	23-May-22	31-May-22	20d
DP-1A-WT-2460	PUP Works - Zone 1A- (WA-100-007)	3d	01-Jun-22	03-Jun-22	67d
DP-1A-WT-2480	PUP Works - Zone 1A- (WA-100-010)	3d	15-Jun-22	17-Jun-22	62d
Service Connections		1d	01-Jun-22	01-Jun-22	137d
DP-1A-WT-S001	PUP Works - Zone 1A- WA-S-001 - Service Connection	1d	01-Jun-22	01-Jun-22	137d
DP-1A-WT-S002	PUP Works - Zone 1A- WA-S-002 - Service Connection	1d	01-Jun-22	01-Jun-22	137d
DP-1A-WT-S003	PUP Works - Zone 1A- WA-S-003 - Service Connection	1d	01-Jun-22	01-Jun-22	137d
DP-1A-WT-S004	PUP Works - Zone 1A- WA-S-005 - Service Connection	1d	01-Jun-22	01-Jun-22	137d
DP-1A-WT-S005	PUP Works - Zone 1A- WA-S-006 - Service Connection	1d	01-Jun-22	01-Jun-22	137d
DP-1A-WT-S007	PUP Works - Zone 1A- WA-S-007 - Service Connection	1d	01-Jun-22	01-Jun-22	137d
CoGC - Sewer		12d	22-Jun-22	07-Jul-22	75d
DP-1A-SW-1040	PUP Works - Zone 1A- Mermaid Ave (Southbound Goldcoast Hwy) - Sewer Pipe Reline (SE-100-002)	2d	22-Jun-22	23-Jun-22	34d
DP-1A-SW-1080	PUP Works - Zone 1A- Southbound Goldcoast Hwy to Mermaid Ave - Sewer Pipe Reline (SE-100-005)	3d	22-Jun-22	24-Jun-22	28d
DP-1A-SW-1060	PUP Works - Zone 1A- At Broadbeach Station - Asset Relocation (SE-100-003) (Civils)	12d	22-Jun-22	07-Jul-22	75d
Energex		125d	26-Jul-22	02-Feb-23	204d
Pre-Works		1d	26-Jul-22	26-Jul-22	62d
DP-1A-EG-1040	PUP Works - Zone 1A- Energex to install tigertails	1d	26-Jul-22	26-Jul-22	62d
Conduits & Pits		28d	26-Jul-22	06-Sep-22	62d
DP-1A-EG-1000	PUP Works - Zone 1A- Gold Coast Hwy - Energex Xing (EL-100-003 / 004 / 122)	28d	26-Jul-22	06-Sep-22	62d
Energex Works		95d	07-Sep-22	02-Feb-23	204d
DP-1A-EG-2000	PUP Works - Zone 1A- Gold Coast Hwy - Notification to Energex	50d	07-Sep-22	16-Nov-22	234d
DP-1A-EG-2010	PUP Works - Zone 1A- Gold Coast Hwy - Energex Works & Cutover (EL-100-003 / 004 / 002 / 122)	15d	12-Jan-23	02-Feb-23	204d
APA Gas		32d	27-Jul-22	12-Sep-22	62d
Protect / Relocate		8d	27-Jul-22	05-Aug-22	62d
DP-1A-GA-1000	PUP Works - Zone 1A- GOLD COAST HWY - NTH OF ALEXANDRA AVE - Gas Relocation DN90 IN DN160	8d	27-Jul-22	05-Aug-22	62d
Cutover		24d	10-Aug-22	12-Sep-22	62d
DP-1A-GA-1180	PUP Works - Zone 1A- D&C Contractor to Notify APA Gas	21d	10-Aug-22	08-Sep-22	62d
DP-1A-GA-1200	PUP Works - Zone 1A- APA Gas Cutover (GA-100-001)	3d	09-Sep-22	12-Sep-22	62d
Telstra		5d	26-Jul-22	01-Aug-22	90d
DP-1A-TLS-1000	PUP Works - Zone 1A- Install Protection over Network by D&C Contractor (JH)(TE-100-145 / 003 / 004)	5d	26-Jul-22	01-Aug-22	90d
Civil Works - Kerb and Shoulder Lanes		24d	17-Sep-22	21-Oct-22	71d
DP-1A-CW-1520	Civil Works - Zone 1A- Shift Traffic to Median lanes	1d	17-Sep-22	17-Sep-22	63d
DP-1A-CW-1720	Civil Works - Zone 1A- Remove existing asphalt and subbase	3d	19-Sep-22	21-Sep-22	63d
DP-1A-CW-1480	Civil Works - Zone 1A- Replace kerb and channel at PUP crossings	3d	27-Sep-22	29-Sep-22	60d
DP-1A-CW-1740	Civil Works - Zone 1A- FRP pedestrian footpath	2d	30-Sep-22	05-Oct-22	72d



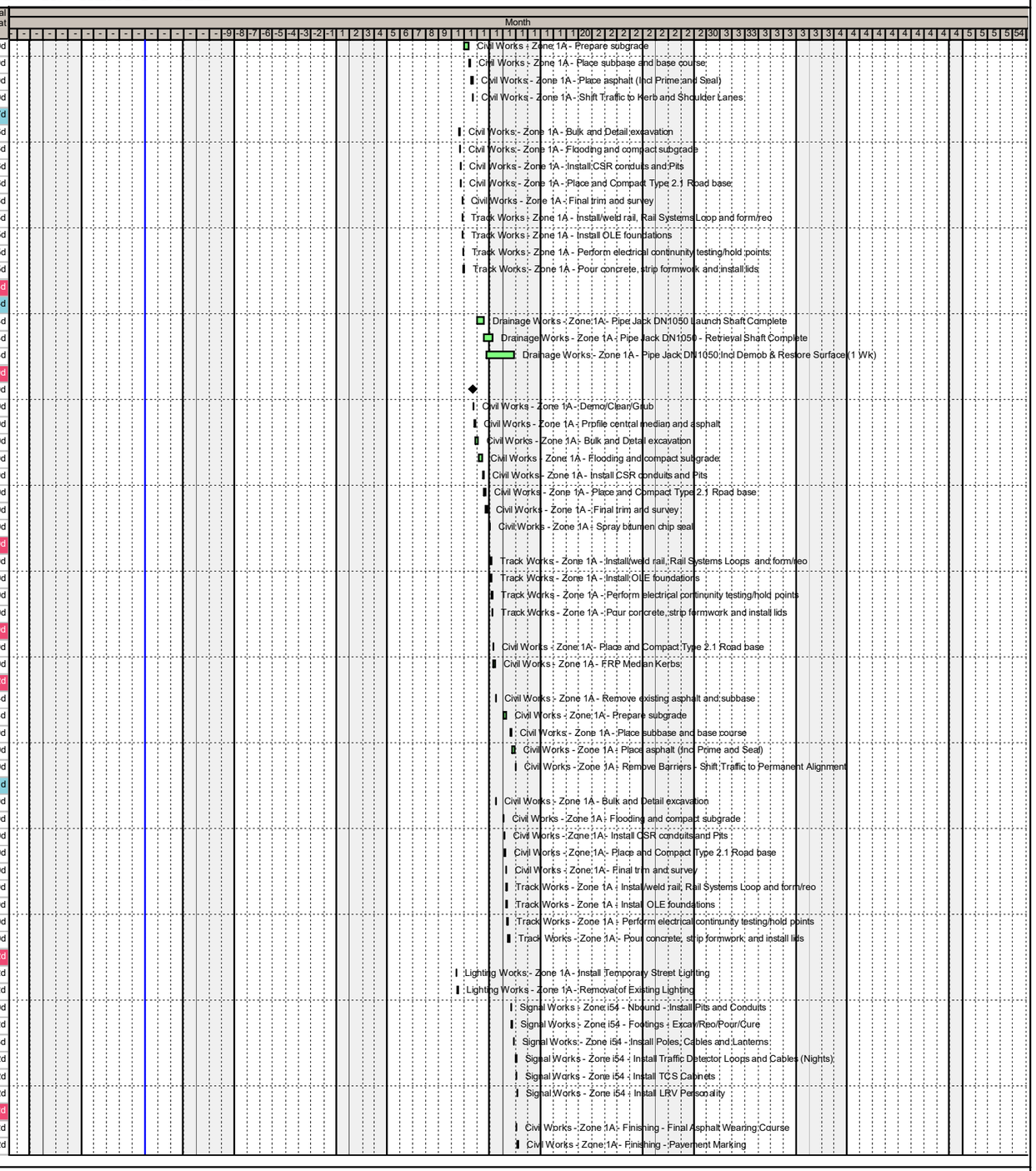
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Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1A-CW-2120	Civil Works - Zone 1A - Prepare subgrade	7d	30-Sep-22	11-Oct-22	60d
DP-1A-CW-1620	Civil Works - Zone 1A - Place subbase and base course	3d	13-Oct-22	15-Oct-22	60d
DP-1A-CW-1420	Civil Works - Zone 1A - Place asphalt (Incl Prime and Seal)	4d	17-Oct-22	20-Oct-22	60d
DP-1A-CW-1500	Civil Works - Zone 1A - Shift Traffic to Kerb and Shoulder Lanes	1d	21-Oct-22	21-Oct-22	60d
Civil Works - Track (20 m) Shoulder Lanes North Bound		10d	19-Sep-22	30-Sep-22	77d
DP-1A-CW-5080	Civil Works - Zone 1A - Bulk and Detail excavation	2d	19-Sep-22	20-Sep-22	66d
DP-1A-CW-5100	Civil Works - Zone 1A - Flooding and compact subgrade	1d	21-Sep-22	21-Sep-22	66d
DP-1A-CW-5120	Civil Works - Zone 1A - Install CSR conduits and Pits	1d	22-Sep-22	22-Sep-22	66d
DP-1A-CW-5140	Civil Works - Zone 1A - Place and Compact Type 2.1 Road base	1d	23-Sep-22	23-Sep-22	66d
DP-1A-CW-5160	Civil Works - Zone 1A - Final trim and survey	1d	26-Sep-22	26-Sep-22	66d
DP-1A-TW-3160	Track Works - Zone 1A - Install/weld rail, Rail Systems Loop and form/reo	1d	27-Sep-22	27-Sep-22	65d
DP-1A-TW-3180	Track Works - Zone 1A - Install OLE foundations	1d	27-Sep-22	27-Sep-22	65d
DP-1A-TW-3200	Track Works - Zone 1A - Perform electrical continunity testing/hold points	1d	28-Sep-22	28-Sep-22	65d
DP-1A-TW-3220	Track Works - Zone 1A - Pour concrete, strip formwork and install lids	2d	29-Sep-22	30-Sep-22	65d
Civil Works - Stormwater Drainage		43d	31-Oct-22	27-Jan-23	154d
Crossing		43d	31-Oct-22	27-Jan-23	154d
DP-1A-DR-2040	Drainage Works - Zone 1A - Pipe Jack DN1050 Launch Shaft Complete	11d	31-Oct-22	17-Nov-22	154d
DP-1A-DR-2060	Drainage Works - Zone 1A - Pipe Jack DN1050 - Retrieval Shaft Complete	11d	18-Nov-22	06-Dec-22	154d
DP-1A-DR-2080	Drainage Works - Zone 1A - Pipe Jack DN1050 Incl Demob & Restore Surface (1 Wk)	27d	24-Nov-22	27-Jan-23	154d
Civil Works - Rail Corridor		24d	21-Oct-22	01-Dec-22	60d
DP-1A-CW-1000	Civil Works - Zone 1A - Shift Traffic to Kerb and Shoulder Lanes	0d		21-Oct-22	60d
DP-1A-CW-1040	Civil Works - Zone 1A - Demo/Clear/Grub	1d	24-Oct-22	24-Oct-22	60d
DP-1A-CW-2100	Civil Works - Zone 1A - Profile central median and asphalt	2d	25-Oct-22	27-Oct-22	60d
DP-1A-CW-1100	Civil Works - Zone 1A - Bulk and Detail excavation	6d	28-Oct-22	03-Nov-22	60d
DP-1A-CW-1120	Civil Works - Zone 1A - Flooding and compact subgrade	4d	04-Nov-22	12-Nov-22	60d
DP-1A-CW-1140	Civil Works - Zone 1A - Install CSR conduits and Pits	3d	14-Nov-22	17-Nov-22	60d
DP-1A-CW-1160	Civil Works - Zone 1A - Place and Compact Type 2.1 Road base	3d	18-Nov-22	21-Nov-22	60d
DP-1A-CW-1360	Civil Works - Zone 1A - Final trim and survey	4d	22-Nov-22	25-Nov-22	60d
DP-1A-CW-1180	Civil Works - Zone 1A - Spray bitumen chip seal	1d	01-Dec-22	01-Dec-22	60d
Civil Works - Track		4d	02-Dec-22	08-Dec-22	60d
DP-1A-TW-1000	Track Works - Zone 1A - Install/weld rail, Rail Systems Loops and form/reo	2d	02-Dec-22	05-Dec-22	60d
DP-1A-TW-1020	Track Works - Zone 1A - Install OLE foundations	2d	02-Dec-22	05-Dec-22	60d
DP-1A-TW-1040	Track Works - Zone 1A - Perform electrical continunity testing/hold points	1d	06-Dec-22	06-Dec-22	60d
DP-1A-TW-1080	Track Works - Zone 1A - Pour concrete, strip formwork and install lids	1d	08-Dec-22	08-Dec-22	60d
Civil Works - Reinstate Track Verge		4d	09-Dec-22	13-Dec-22	60d
DP-1A-CW-1200	Civil Works - Zone 1A - Place and Compact Type 2.1 Road base	1d	09-Dec-22	09-Dec-22	60d
DP-1A-CW-1700	Civil Works - Zone 1A - FRP Median Kerbs	3d	10-Dec-22	13-Dec-22	60d
Civil Works - Central Lanes		23d	15-Dec-22	31-Jan-23	72d
DP-1A-CW-1820	Civil Works - Zone 1A - Remove existing asphalt and subbase	2d	15-Dec-22	16-Dec-22	64d
DP-1A-CW-1840	Civil Works - Zone 1A - Prepare subgrade	4d	03-Jan-23	09-Jan-23	64d
DP-1A-CW-1880	Civil Works - Zone 1A - Place subbase and base course	2d	19-Jan-23	20-Jan-23	60d
DP-1A-CW-1760	Civil Works - Zone 1A - Place asphalt (Incl Prime and Seal)	5d	23-Jan-23	30-Jan-23	60d
DP-1A-CW-1780	Civil Works - Zone 1A - Remove Barriers - Shift Traffic to Permanent Alignment	1d	31-Jan-23	31-Jan-23	60d
Civil Works - Track (20 m) Median Lanes North Bound		14d	15-Dec-22	17-Jan-23	71d
DP-1A-CW-2220	Civil Works - Zone 1A - Bulk and Detail excavation	2d	15-Dec-22	16-Dec-22	60d
DP-1A-CW-2240	Civil Works - Zone 1A - Flooding and compact subgrade	1d	03-Jan-23	03-Jan-23	60d
DP-1A-CW-2260	Civil Works - Zone 1A - Install CSR conduits and Pits	1d	05-Jan-23	05-Jan-23	60d
DP-1A-CW-2280	Civil Works - Zone 1A - Place and Compact Type 2.1 Road base	1d	06-Jan-23	06-Jan-23	60d
DP-1A-CW-2300	Civil Works - Zone 1A - Final trim and survey	1d	09-Jan-23	09-Jan-23	60d
DP-1A-TW-1100	Track Works - Zone 1A - Install/weld rail, Rail Systems Loop and form/reo	1d	10-Jan-23	10-Jan-23	60d
DP-1A-TW-1120	Track Works - Zone 1A - Install OLE foundations	1d	10-Jan-23	10-Jan-23	60d
DP-1A-TW-1140	Track Works - Zone 1A - Perform electrical continunity testing/hold points	1d	12-Jan-23	12-Jan-23	60d
DP-1A-TW-1160	Track Works - Zone 1A - Pour concrete, strip formwork and install lids	2d	13-Jan-23	17-Jan-23	60d
Traffic Control Systems (TCS)		81d	13-Sep-22	04-Feb-23	382d
DP-1A-Stl-1000	Lighting Works - Zone 1A - Install Temporary Street Lighting	1d	13-Sep-22	13-Sep-22	62d
DP-1A-Stl-1020	Lighting Works - Zone 1A - Removal of Existing Lighting	2d	15-Sep-22	16-Sep-22	62d
DP-I54-TCS-1000	Signal Works - Zone i54 - Nbound - Install Pits and Conduits	1d	21-Jan-23	21-Jan-23	60d
DP-I54-TCS-1040	Signal Works - Zone i54 - Footings - Excav/Reo/Pour/Cure	3d	21-Jan-23	24-Jan-23	272d
DP-I54-TCS-1060	Signal Works - Zone i54 - Install Poles, Cables and Lanterns	2d	27-Jan-23	28-Jan-23	383d
DP-I54-TCS-1080	Signal Works - Zone i54 - Install Traffic Detector Loops and Cables (Nights)	2d	31-Jan-23	02-Feb-23	382d
DP-I54-TCS-1100	Signal Works - Zone i54 - Install TCS Cabinets	1d	03-Feb-23	03-Feb-23	382d
DP-I54-TCS-1120	Signal Works - Zone i54 - Install LRV Personality	1d	04-Feb-23	04-Feb-23	382d
Civil Works - Finishing		4d	02-Feb-23	06-Feb-23	452d
DP-1A-CW-5020	Civil Works - Zone 1A - Finishing - Final Asphalt Wearing Course	2d	02-Feb-23	03-Feb-23	452d
DP-1A-CW-5040	Civil Works - Zone 1A - Finishing - Pavement Marking	2d	04-Feb-23	06-Feb-23	452d



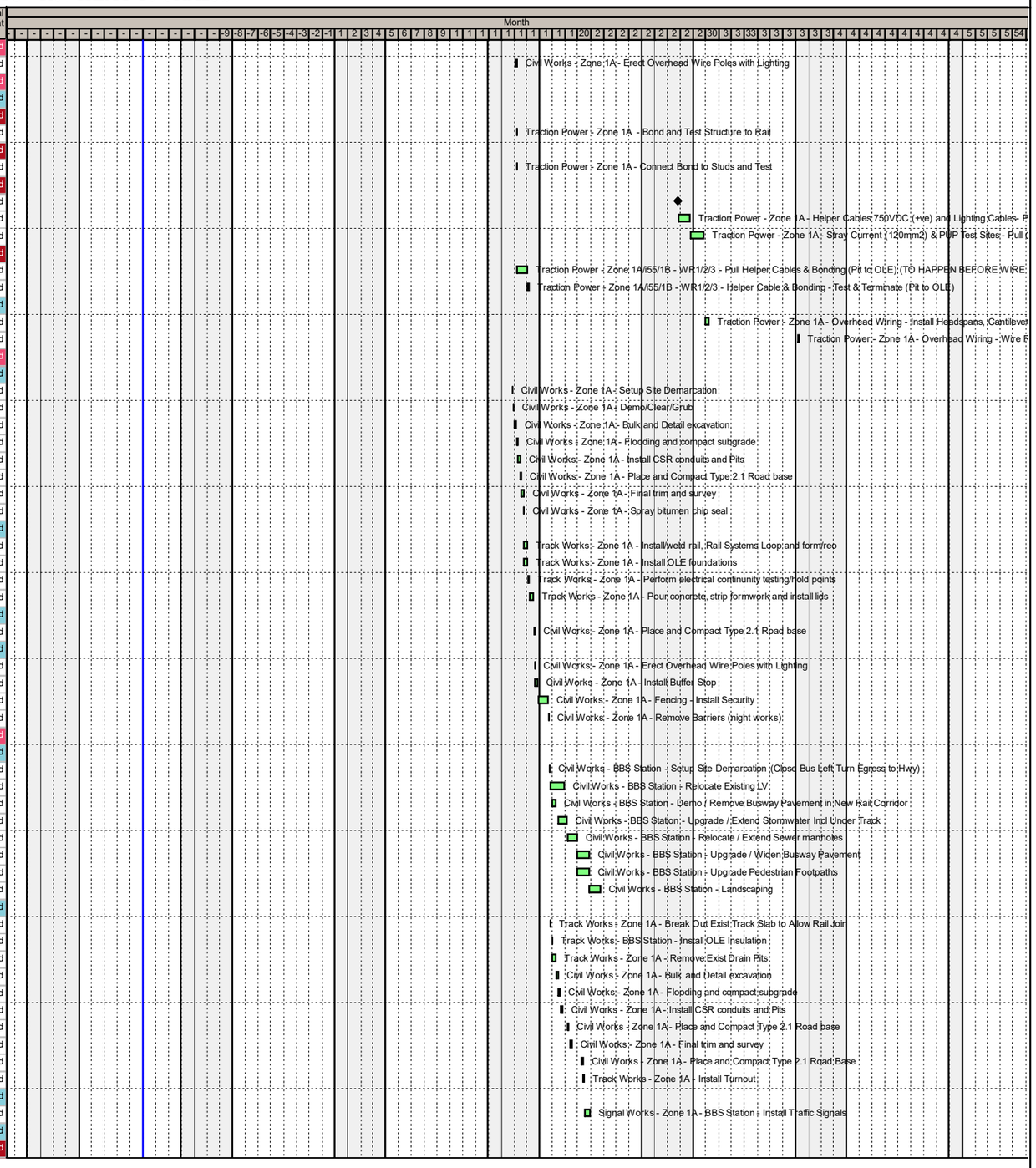
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Civil Works - System Fitout		3d	03-Feb-23	06-Feb-23	386d
DP-1A-CW-1660	Civil Works - Zone 1A- Erect Overhead Wire Poles with Lighting	3d	03-Feb-23	06-Feb-23	386d
Traction Power & Overhead Line		456d	07-Feb-23	08-Dec-24	0d
CSR Cabling		263d	07-Feb-23	26-Apr-24	147d
Structure-to-Track		1d	07-Feb-23	07-Feb-23	400d
DP-1A-BC-1020	Traction Power - Zone 1A - Bond and Test Structure to Rail	1d	07-Feb-23	07-Feb-23	400d
Track-to-Track		1d	07-Feb-23	07-Feb-23	400d
DP-1A-BC-1000	Traction Power - Zone 1A- Connect Bond to Studs and Test	1d	07-Feb-23	07-Feb-23	400d
Pit-to-Pit		33d	24-Feb-24	26-Apr-24	147d
DP-MS-N-PULL-1000	Commence Cabling (North)	0d		24-Feb-24	99d
DP-1A-HC-1020	Traction Power - Zone 1A- Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	26-Feb-24	23-Mar-24	147d
DP-1A-ST-1000	Traction Power - Zone 1A- Stray Current (120mm2) & PUP Test Sites - Pull Cable (Incl Fit Out Pit)	17d	25-Mar-24	26-Apr-24	147d
Pit-to-OLE		17d	07-Feb-23	06-Mar-23	386d
DP-1A-HC-1030	Traction Power - Zone 1A/i55/1B - WR1/2/3 - Pull Helper Cables & Bonding (Pit to OLE) (TO HAPPEN BEFOR	15d	07-Feb-23	02-Mar-23	386d
DP-1A-HC-1060	Traction Power - Zone 1A/i55/1B - WR1/2/3 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	2d	03-Mar-23	06-Mar-23	386d
Overhead Line		157d	29-Apr-24	08-Dec-24	0d
DP-1A-OH-1020	Traction Power - Zone 1A- Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	140d
DP-1A-OH-1040	Traction Power - Zone 1A- Overhead Wiring - Wire Run 1/2/3 & QA	2d	07-Dec-24	08-Dec-24	0d
LRV Storage Facility (120 m)		59d	28-Jan-23	24-Apr-23	162d
Civil Works - Rail Corridor		17d	28-Jan-23	24-Feb-23	154d
DP-1A-CW-2320	Civil Works - Zone 1A- Setup Site Demarcation	1d	28-Jan-23	28-Jan-23	154d
DP-1A-CW-2340	Civil Works - Zone 1A - Demo/Clear/Grub	1d	30-Jan-23	30-Jan-23	154d
DP-1A-CW-2360	Civil Works - Zone 1A - Bulk and Detail excavation	4d	31-Jan-23	04-Feb-23	154d
DP-1A-CW-2380	Civil Works - Zone 1A - Flooding and compact subgrade	3d	06-Feb-23	08-Feb-23	154d
DP-1A-CW-2400	Civil Works - Zone 1A- Install CSR conduits and Pits	3d	09-Feb-23	14-Feb-23	154d
DP-1A-CW-2420	Civil Works - Zone 1A- Place and Compact Type 2.1 Road base	2d	16-Feb-23	17-Feb-23	154d
DP-1A-CW-2500	Civil Works - Zone 1A- Final trim and survey	3d	18-Feb-23	23-Feb-23	154d
DP-1A-CW-2440	Civil Works - Zone 1A- Spray bitumen chip seal	0d	24-Feb-23	24-Feb-23	154d
Civil Works - Track		14d	24-Feb-23	18-Mar-23	154d
DP-1A-TW-1180	Track Works - Zone 1A - Install/weld rail, Rail Systems Loop and form/reo	6d	24-Feb-23	03-Mar-23	154d
DP-1A-TW-1200	Track Works - Zone 1A - Install OLE foundations	6d	24-Feb-23	03-Mar-23	154d
DP-1A-TW-1220	Track Works - Zone 1A - Perform electrical continunity testing/hold points	3d	06-Mar-23	08-Mar-23	154d
DP-1A-TW-1240	Track Works - Zone 1A - Pour concrete, strip formwork and install lids	5d	09-Mar-23	18-Mar-23	154d
Civil Works - Reinstate Track Verge		2d	20-Mar-23	21-Mar-23	154d
DP-1A-CW-2460	Civil Works - Zone 1A - Place and Compact Type 2.1 Road base	2d	20-Mar-23	21-Mar-23	154d
Civil Works - System Fitout		22d	22-Mar-23	24-Apr-23	162d
DP-1A-CW-2540	Civil Works - Zone 1A- Erect Overhead Wire Poles with Lighting	1d	22-Mar-23	22-Mar-23	158d
DP-1A-CW-2640	Civil Works - Zone 1A - Install Buffer Stop	5d	22-Mar-23	27-Mar-23	154d
DP-1A-CW-2620	Civil Works - Zone 1A - Fencing - Install Security	10d	30-Mar-23	22-Apr-23	154d
DP-1A-CW-2520	Civil Works - Zone 1A - Remove Barriers (night works)	1d	24-Apr-23	24-Apr-23	154d
Connect to Existing GCLR Stage 1 at Broadbeach Station BBS		482d	16-Dec-22	08-Dec-24	120d
Civil Works - Surrounds		84d	26-Apr-23	24-Aug-23	386d
DP-1A-CW-5180	Civil Works - BBS Station - Setup Site Demarcation (Close Bus Left Turn Egress to Hwy)	1d	26-Apr-23	26-Apr-23	154d
DP-1A-CW-4080	Civil Works - BBS Station - Relocate Existing LV	21d	27-Apr-23	29-May-23	409d
DP-1A-CW-4100	Civil Works - BBS Station - Demo / Remove Busway Pavement in New Rail Corridor	5d	02-May-23	09-May-23	168d
DP-1A-CW-4020	Civil Works - BBS Station - Upgrade / Extend Stormwater Incl Under Track	16d	17-May-23	06-Jun-23	154d
DP-1A-CW-4040	Civil Works - BBS Station - Relocate / Extend Sewer manholes	16d	07-Jun-23	29-Jun-23	386d
DP-1A-CW-4060	Civil Works - BBS Station - Upgrade / Widen Busway Pavement	21d	30-Jun-23	28-Jul-23	386d
DP-1A-CW-4120	Civil Works - BBS Station - Upgrade Pedestrian Footpaths	21d	30-Jun-23	28-Jul-23	386d
DP-1A-CW-4140	Civil Works - BBS Station - Landscaping	18d	29-Jul-23	24-Aug-23	386d
Civil Works - Track		56d	27-Apr-23	15-Jul-23	346d
DP-1A-TW-2000	Track Works - Zone 1A - Break Out Exist Track Slab to Allow Rail Join	2d	27-Apr-23	28-Apr-23	154d
DP-1A-OH-1000	Track Works - BBS Station - Install OLE Insulation	1d	02-May-23	02-May-23	399d
DP-1A-TW-3100	Track Works - Zone 1A - Remove Exist Drain Pits	5d	02-May-23	09-May-23	154d
DP-1A-CW-2660	Civil Works - Zone 1A - Bulk and Detail excavation	5d	11-May-23	16-May-23	154d
DP-1A-CW-2680	Civil Works - Zone 1A - Flooding and compact subgrade	4d	17-May-23	20-May-23	163d
DP-1A-CW-2700	Civil Works - Zone 1A- Install CSR conduits and Pits	3d	22-May-23	25-May-23	163d
DP-1A-CW-2720	Civil Works - Zone 1A- Place and Compact Type 2.1 Road base	3d	07-Jun-23	09-Jun-23	154d
DP-1A-CW-2740	Civil Works - Zone 1A- Final trim and survey	4d	13-Jun-23	17-Jun-23	154d
DP-1A-CW-2760	Civil Works - Zone 1A- Place and Compact Type 2.1 Road Base	2d	11-Jul-23	13-Jul-23	309d
DP-1A-TW-3120	Track Works - Zone 1A - Install Turnout	2d	14-Jul-23	15-Jul-23	309d
Traffic Control Systems (TCS)		11d	18-Jul-23	31-Jul-23	154d
DP-1A-OH-1220	Signal Works - Zone 1A - BBS Station - Install Traffic Signals	11d	18-Jul-23	31-Jul-23	154d
Cross-Overs and Overhead Line		482d	16-Dec-22	08-Dec-24	0d
Cross-Overs and OLE Pole Foundations		132d	16-Dec-22	10-Jul-23	350d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1A-TW-3140	Track Works - BBS Station - Install Rail Systems Loop (Manual)	1d	16-Dec-22	16-Dec-22	481d
DP-1A-TW-3000	Track Works - BBS Station - Install/weld rail, Rail Systems Loop (Manual) and form/reo	7d	19-Jun-23	27-Jun-23	154d
DP-1A-TW-3020	Track Works - BBS Station - Install OLE foundations	7d	19-Jun-23	27-Jun-23	154d
DP-1A-TW-3040	Track Works - BBS Station - Perform electrical continuity testing/hold points	3d	28-Jun-23	30-Jun-23	154d
DP-1A-TW-3080	Track Works - BBS Station - Pour concrete, strip formwork and install lids	6d	04-Jul-23	10-Jul-23	154d
Stand OLE Poles		5d	11-Jul-23	17-Jul-23	154d
DP-1A-OH-1120	BBS Station - Stand and Dress Poles with Lighting	5d	11-Jul-23	17-Jul-23	154d
CSR Cabling		145d	18-Jul-23	21-Mar-24	166d
Structure-to-Track		1d	18-Jul-23	18-Jul-23	308d
DP-1A-BC-1060	Traction Power - Zone 1A(BBS) - Bond and Test Structure to Rail	1d	18-Jul-23	18-Jul-23	308d
Track-to-Track		1d	18-Jul-23	18-Jul-23	308d
DP-1A-BC-1040	Traction Power - Zone 1A(BBS) - Connect Bond to Studs and Test	1d	18-Jul-23	18-Jul-23	308d
Pit-to-Pit		8d	26-Feb-24	09-Mar-24	166d
DP-1A-HC-1100	Traction Power - Zone 1A(BBS) - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit	3d	26-Feb-24	29-Feb-24	166d
DP-1A-ST-1020	Traction Power - Zone 1A(BBS) - Stray Current (120mm2) - Pull Cable (Incl Fit Out Pit)	5d	01-Mar-24	09-Mar-24	166d
Pit-to-OLE		6d	11-Mar-24	21-Mar-24	166d
DP-1A-HC-1120	Traction Power - Zone 1A(BBS) - WR1/2/3 - Pull Helper Cables & Bonding (Pit to OLE)	4d	11-Mar-24	14-Mar-24	166d
DP-1A-HC-1140	Traction Power - Zone 1A(BBS) - WR1/2/3 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	2d	15-Mar-24	21-Mar-24	166d
OLE Works (Full WE Possession)		2d	07-Dec-24	08-Dec-24	0d
DP-1A-OH-1060	BBS Station - Reconfigure OLE at existing crossover to form Northbound Wirerun 2	2d	07-Dec-24	08-Dec-24	0d
DP-1A-OH-1100	BBS Station - Splice contact wires in Northbound Wirerun and run to Southern Anchor in Zone 1B and Superter	2d	07-Dec-24	08-Dec-24	0d
DP-1A-OH-1160	BBS Station - Backoff to Normal Tension and QA Northbound Wirerun	2d	07-Dec-24	08-Dec-24	0d
DP-1A-OH-1180	BBS Station - Run Southbound Wire (Wirerun 1)	2d	07-Dec-24	08-Dec-24	0d
DP-1A-OH-1200	BBS Station - Splice contact wires in Existing Southbound Wirerun and run to Southern Anchor in Zone 1B and S	2d	07-Dec-24	08-Dec-24	0d
DP-1A-OH-1240	BBS Station - Install & Joint (New Sthbnd) 750V+ve & Stray Current to Existing TPS 6 Supplied Cabling, Test & (	2d	07-Dec-24	08-Dec-24	0d
DP-1A-OH-1260	BBS Station - Backoff to Normal Tension and QA Southbound Wirerun	2d	07-Dec-24	08-Dec-24	0d
DP-1A-OH-1280	BBS Station - Test & Commission OHW energised from TPS-6 to 33+487	2d	07-Dec-24	08-Dec-24	0d
Civil Works - Platform BBS		30d	22-Mar-23	08-May-23	199d
DP-1A-CW-406	Civil Works - BBS Station - Remove Planting Bed	5d	22-Mar-23*	28-Mar-23	199d
DP-1A-CW-400	Civil Works - BBS Station - Remove Western Edge Float Platform	15d	29-Mar-23	20-Apr-23	199d
DP-1A-CW-402	Civil Works - BBS Station - Make Good Platform Edge Incl Tactiles	15d	14-Apr-23	08-May-23	199d
Zone i55 Intersection - Staged - Pacific Fair Drive (Ch 33,555 - 33,590) - 35m		621d	02-Jun-22	08-Dec-24	53d
Public Utilities Plant Works		115d	02-Jun-22	11-Nov-22	201d
DP-I55-MS-1000	PUP Works - Zone i55 - Conduits and Pipes Complete - Civil work to Commence	0d		11-Aug-22	234d
CoGC - Water		52d	02-Jun-22	15-Aug-22	232d
Water Scope		41d	02-Jun-22	28-Jul-22	108d
DP-i55-WT-1030	PUP Works - Zone i55 - (WA-100-214)	5d	02-Jun-22	09-Jun-22	20d
DP-i55-WT-1020	PUP Works - Zone i55 - (WA-100-011)	3d	26-Jul-22	28-Jul-22	108d
Service Connections		11d	29-Jul-22	15-Aug-22	232d
DP-i55-WT-S009	PUP Works - Zone i55 - (WA-S-009)	1d	29-Jul-22	29-Jul-22	108d
DP-i55-WT-S008	PUP Works - Zone i55 - (WA-S-008)	1d	15-Aug-22	15-Aug-22	232d
Telstra		5d	02-Nov-22	11-Nov-22	181d
DP-i55-TLS-1000	PUP Works - Zone i55 - Install Protection over Network by D&C Contractor (JH) (TE-100-142)	5d	02-Nov-22	11-Nov-22	181d
Street Lighting Relocations		2d	12-Aug-22	13-Aug-22	247d
DP-I55-Stl-1000	Lighting Works - Zone i55 - Install Temporary Street Lighting	1d	12-Aug-22	12-Aug-22	247d
DP-I55-Stl-1020	Lighting Works - Zone i55 - Removal of Existing Lighting	1d	13-Aug-22	13-Aug-22	247d
Civil Works - Stormwater Drainage		7d	31-Oct-22	11-Nov-22	181d
Northbound		7d	31-Oct-22	11-Nov-22	181d
DP-i55-DR-1000	Drainage Works - Zone i55 - Pacific Fair Drive - DN375 Stormwater - Excav/Lay/Bfill (Northbound)	7d	31-Oct-22	11-Nov-22	181d
Stage 1		75d	19-Sep-22	17-Jan-23	460d
Civil Works - Kerb and Shoulder Lanes		43d	19-Sep-22	21-Nov-22	181d
DP-I55-CW-1520	Civil Works - Zone i55 - Stg1 - Shift Traffic to Median lanes	1d	19-Sep-22	19-Sep-22	209d
DP-I55-CW-1720	Civil Works - Zone i55 - Stg1 - Remove existing asphalt and subbase	1d	20-Sep-22	20-Sep-22	212d
DP-I55-CW-1480	Civil Works - Zone i55 - Stg1 - Replace kerb and channel at PUP crossings	3d	21-Sep-22	23-Sep-22	212d
DP-I55-CW-2120	Civil Works - Zone i55 - Stg1 - Prepare subgrade	1d	12-Nov-22	12-Nov-22	181d
DP-I55-CW-1620	Civil Works - Zone i55 - Stg1 - Place subbase and base course	1d	14-Nov-22	14-Nov-22	181d
DP-I55-CW-1420	Civil Works - Zone i55 - Stg1 - Place asphalt (Incl Primer Seal)	4d	15-Nov-22	19-Nov-22	181d
DP-I55-CW-1500	Civil Works - Zone i55 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	1d	21-Nov-22	21-Nov-22	181d
Civil Works - Rail Corridor		10d	21-Nov-22	09-Dec-22	181d
DP-I55-CW-1000	Civil Works - Zone i55 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	0d		21-Nov-22	181d
DP-I55-CW-1040	Civil Works - Zone i55 - Stg1 - Demo/Clear/Grub	1d	22-Nov-22	22-Nov-22	181d
DP-I55-CW-2100	Civil Works - Zone i55 - Stg1 - Profile central median and asphalt	1d	23-Nov-22	23-Nov-22	181d
DP-I55-CW-1100	Civil Works - Zone i55 - Stg1 - Bulk and Detail excavation	2d	24-Nov-22	25-Nov-22	181d
DP-I55-CW-1120	Civil Works - Zone i55 - Stg1 - Flooding and compact subgrade	1d	01-Dec-22	01-Dec-22	181d
DP-I55-CW-1140	Civil Works - Zone i55 - Stg1 - Install CSR conduits and Pits	1d	02-Dec-22	02-Dec-22	182d



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JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I55-CW-1160	Civil Works - Zone i55 - Stg1 - Place and Compact Type 2.1 Road base	1d	06-Dec-22	06-Dec-22	181d
DP-I55-CW-1360	Civil Works - Zone i55 - Stg1 - Final trim and survey	1d	08-Dec-22	08-Dec-22	181d
DP-I55-CW-1180	Civil Works - Zone i55 - Stg1 - Spray bitumen chip seal	1d	09-Dec-22	09-Dec-22	181d
Civil Works - Track		4d	10-Dec-22	15-Dec-22	181d
DP-I55-TW-1000	Track Works - Zone i55 - Stg1 - Install/weld rail, Rail Systems Loop and form/reo	1d	10-Dec-22	10-Dec-22	181d
DP-I55-TW-1020	Track Works - Zone i55 - Stg1 - Install OLE foundations	1d	10-Dec-22	10-Dec-22	181d
DP-I55-TW-1040	Track Works - Zone i55 - Stg1 - Perform electrical continunity testing/hold points	1d	12-Dec-22	12-Dec-22	181d
DP-I55-TW-1080	Track Works - Zone i55 - Stg1 - Pour concrete, strip formwork and install lids	2d	13-Dec-22	15-Dec-22	181d
Civil Works - Reinstate Track Verge		1d	16-Dec-22	16-Dec-22	181d
DP-I55-CW-1200	Civil Works - Zone i55 - Stg1 - Place and Compact Type 2.1 Road base	1d	16-Dec-22	16-Dec-22	181d
Civil Works - Central Lanes		7d	03-Jan-23	17-Jan-23	181d
DP-I55-CW-1820	Civil Works - Zone i55 - Stg1 - Remove existing asphalt and subbase	1d	03-Jan-23	03-Jan-23	181d
DP-I55-CW-1840	Civil Works - Zone i55 - Stg1 - Prepare Subgrade	1d	05-Jan-23	05-Jan-23	181d
DP-I55-CW-1880	Civil Works - Zone i55 - Stg1 - Place subbase and base course	1d	06-Jan-23	06-Jan-23	181d
DP-I55-CW-1760	Civil Works - Zone i55 - Stg1 - Place asphalt (Incl Primer Seal)	4d	09-Jan-23	13-Jan-23	181d
DP-I55-CW-1780	Civil Works - Zone i55 - Stg1 - Remove Barriers - Shift Traffic to PermanentAlignment	0d	17-Jan-23	17-Jan-23	181d
Civil Works - System Fitout		1d	03-Jan-23	03-Jan-23	423d
DP-I55-CW-1660	Civil Works - Zone i55 - Stg1 - Erect Overhead Wire Poles with Lighting	1d	03-Jan-23	03-Jan-23	423d
Stage 2		32d	17-Jan-23	03-Mar-23	428d
Civil Works - Kerb and Shoulder Lanes		7d	17-Jan-23	28-Jan-23	181d
DP-I55-CW-2400	Civil Works - Zone i55 - Stg2 - Shift Traffic to Median lanes	0d	17-Jan-23	17-Jan-23	181d
DP-I55-CW-2500	Civil Works - Zone i55 - Stg2 - Remove existing asphalt and subbase	1d	17-Jan-23	17-Jan-23	181d
DP-I55-CW-2360	Civil Works - Zone i55 - Stg2 - Replace kerb and channel at PUP crossings	0d	19-Jan-23	19-Jan-23	181d
DP-I55-CW-2720	Civil Works - Zone i55 - Stg2 - Prepare subgrade	1d	19-Jan-23	19-Jan-23	181d
DP-I55-CW-2420	Civil Works - Zone i55 - Stg2 - Place subbase and base course	1d	20-Jan-23	20-Jan-23	181d
DP-I55-CW-2340	Civil Works - Zone i55 - Stg2 - Place asphalt (Incl Primer Seal)	4d	21-Jan-23	27-Jan-23	181d
DP-I55-CW-2380	Civil Works - Zone i55 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	0d	28-Jan-23	28-Jan-23	181d
Civil Works - Rail Corridor		10d	28-Jan-23	09-Feb-23	181d
DP-I55-CW-2140	Civil Works - Zone i55 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	0d		28-Jan-23	181d
DP-I55-CW-2160	Civil Works - Zone i55 - Stg2 - Demo/Clear/Grub	1d	28-Jan-23	28-Jan-23	181d
DP-I55-CW-2700	Civil Works - Zone i55 - Stg2 - Profile central median and asphalt	1d	30-Jan-23	30-Jan-23	181d
DP-I55-CW-2180	Civil Works - Zone i55 - Stg2 - Bulk and Detail excavation	2d	31-Jan-23	02-Feb-23	181d
DP-I55-CW-2200	Civil Works - Zone i55 - Stg2 - Flooding and compact subgrade	1d	03-Feb-23	03-Feb-23	181d
DP-I55-CW-2220	Civil Works - Zone i55 - Stg2 - Install CSR conduits and Pits	2d	04-Feb-23	06-Feb-23	181d
DP-I55-CW-2240	Civil Works - Zone i55 - Stg2 - Place and Compact Type 2.1 Road base	1d	07-Feb-23	07-Feb-23	181d
DP-I55-CW-2320	Civil Works - Zone i55 - Stg2 - Final trim and survey	1d	08-Feb-23	08-Feb-23	181d
DP-I55-CW-2260	Civil Works - Zone i55 - Stg2 - Spray bitumen chip seal	1d	09-Feb-23	09-Feb-23	181d
Civil Works - Track		4d	10-Feb-23	17-Feb-23	181d
DP-I55-TW-1355	Track Works - Zone i55 - Stg2 - Install/weld rail, Rail Systems Loop and form/reo	1d	10-Feb-23	10-Feb-23	181d
DP-I55-TW-1375	Track Works - Zone i55 - Stg2 - Install OLE foundations	1d	10-Feb-23	10-Feb-23	181d
DP-I55-TW-1395	Track Works - Zone i55 - Stg2 - Perform electrical continunity testing/hold points	1d	14-Feb-23	14-Feb-23	181d
DP-I55-TW-1415	Track Works - Zone i55 - Stg2 - Pour concrete, strip formwork and install lids	2d	16-Feb-23	17-Feb-23	181d
Civil Works - Reinstate Track Verge		1d	18-Feb-23	18-Feb-23	181d
DP-I55-CW-2280	Civil Works - Zone i55 - Stg2 - Place and Compact Type 2.1 Road base	1d	18-Feb-23	18-Feb-23	181d
Civil Works - Central Lanes		7d	20-Feb-23	03-Mar-23	181d
DP-I55-CW-2640	Civil Works - Zone i55 - Stg2 - Remove existing asphalt and subbase	1d	20-Feb-23	20-Feb-23	181d
DP-I55-CW-2660	Civil Works - Zone i55 - Stg2 - Prepare Subgrade	1d	23-Feb-23	23-Feb-23	181d
DP-I55-CW-2620	Civil Works - Zone i55 - Stg2 - Place subbase and base course	1d	24-Feb-23	24-Feb-23	181d
DP-I55-CW-2540	Civil Works - Zone i55 - Stg2 - Place asphalt (Incl Primer Seal)	4d	25-Feb-23	02-Mar-23	181d
DP-I55-CW-2580	Civil Works - Zone i55 - Stg2 - Remove Barriers - Shift Traffic to PermanentAlignment	0d	03-Mar-23	03-Mar-23	181d
Civil Works - System Fitout		1d	20-Feb-23	20-Feb-23	394d
DP-I55-CW-2460	Civil Works - Zone i55 - Stg2 - Erect Overhead Wire Poles with Lighting	1d	20-Feb-23	20-Feb-23	394d
Civil Works - Finishing		3d	03-Mar-23	07-Mar-23	436d
DP-I55-CW-5020	Civil Works - Zone I55 - Finishing - Final Asphalt Wearing Course	1d	03-Mar-23	03-Mar-23	436d
DP-I55-CW-5040	Civil Works - Zone I55 - Finishing - Pavement Marking	2d	06-Mar-23	07-Mar-23	436d
Traction Power & Overhead Line		444d	23-Feb-23	08-Dec-24	0d
CSR Cabling		253d	23-Feb-23	24-Apr-24	148d
Structure-to-Track		1d	23-Feb-23	23-Feb-23	394d
DP-i55-BC-1020	Traction Power - Zone i55 - Bond and Test Structure to Rail	1d	23-Feb-23	23-Feb-23	394d
Track-to-Track		1d	23-Feb-23	23-Feb-23	394d
DP-i55-BC-1000	Traction Power - Zone i55 - Connect Bond to Studs	1d	23-Feb-23	23-Feb-23	394d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	148d
DP-i55-HC-1000	Traction Power - Zone i55 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 1) - Pull Cable (Incl Fit Ou	16d	30-Jan-24	24-Feb-24	148d
DP-i55-HC-1020	Traction Power - Zone i55 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 2) - Pull Cable (Incl Fit Ou	16d	30-Jan-24	24-Feb-24	148d
DP-i55-HC-1040	Traction Power - Zone i55 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	165d



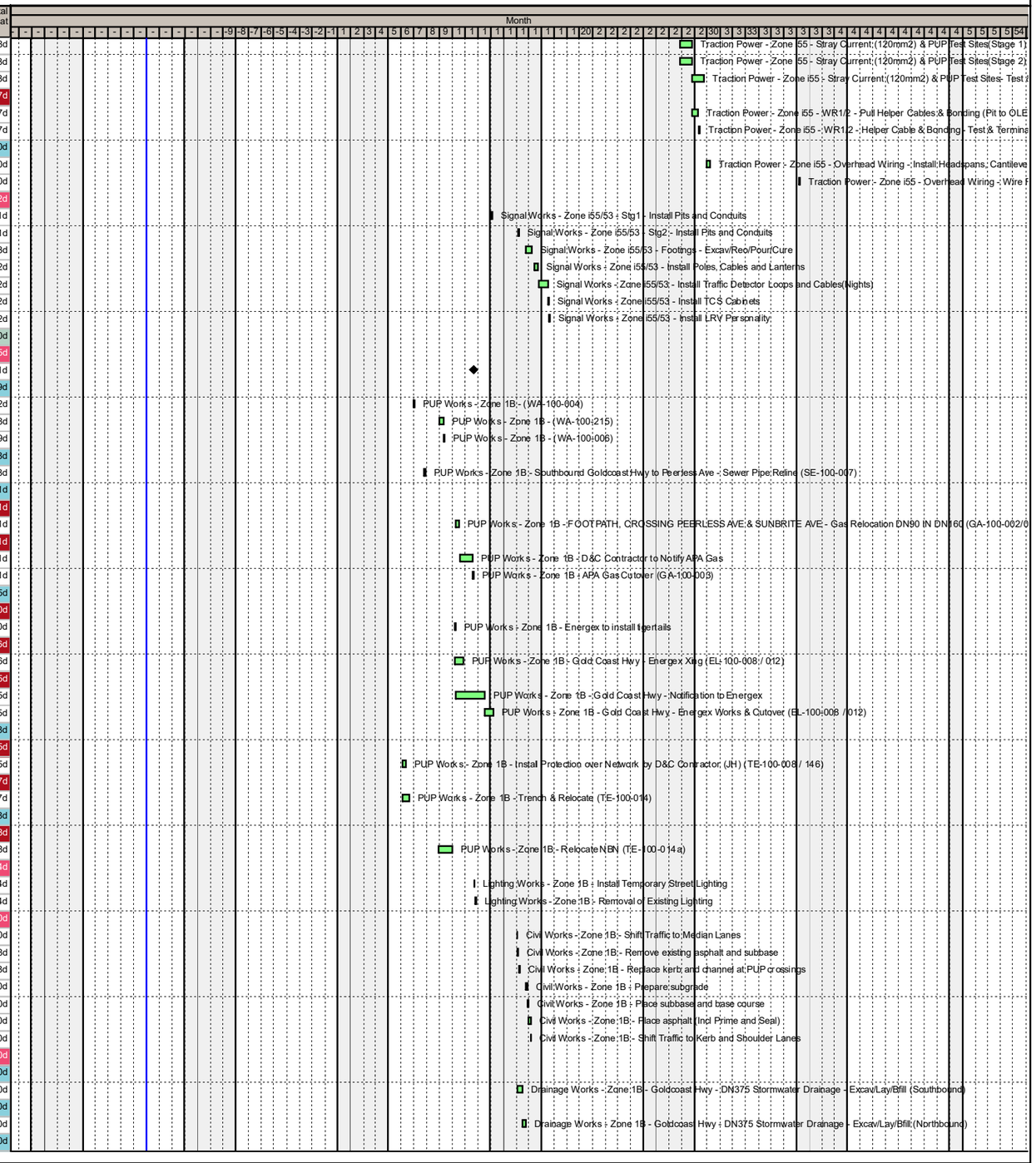
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-i55-ST-1000	Traction Power - Zone i55 - Stray Current (120mm2) & PUP Test Sites(Stage 1) - Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	148d
DP-i55-ST-1020	Traction Power - Zone i55 - Stray Current (120mm2) & PUP Test Sites(Stage 2) - Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	148d
DP-i55-ST-1040	Traction Power - Zone i55 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	148d
Pit-to-OLE		6d	26-Mar-24	12-Apr-24	157d
DP-i55-HC-1100	Traction Power - Zone i55 - WR1/2 - Pull Helper Cables & Bonding (Pit to OLE)	4d	26-Mar-24	09-Apr-24	157d
DP-i55-HC-1120	Traction Power - Zone i55 - WR1/2 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	2d	11-Apr-24	12-Apr-24	157d
Overhead Line		157d	29-Apr-24	08-Dec-24	0d
DP-i55-OH-1020	Traction Power - Zone i55 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	140d
DP-i55-OH-1040	Traction Power - Zone i55 - Overhead Wiring - Wire Run 1/2 & QA	2d	07-Dec-24	08-Dec-24	0d
Traffic Control Systems (TCS)		70d	02-Dec-22	20-Apr-23	342d
DP-I55-TCS-1000	Signal Works - Zone i55/53 - Stg1 - Install Pits and Conduits	2d	02-Dec-22	05-Dec-22	181d
DP-I55-TCS-1020	Signal Works - Zone i55/53 - Stg2 - Install Pits and Conduits	2d	04-Feb-23	06-Feb-23	181d
DP-I55-TCS-1040	Signal Works - Zone i55/53 - Footings - Excav/Reo/Pour/Cure	11d	24-Feb-23	10-Mar-23	243d
DP-I55-TCS-1060	Signal Works - Zone i55/53 - Install Poles, Cables and Lanterns	8d	16-Mar-23	24-Mar-23	342d
DP-I55-TCS-1080	Signal Works - Zone i55/53 - Install Traffic Detector Loops and Cables(Nights)	8d	25-Mar-23	17-Apr-23	342d
DP-I55-TCS-1100	Signal Works - Zone i55/53 - Install TCS Cabinets	1d	18-Apr-23	18-Apr-23	342d
DP-I55-TCS-1120	Signal Works - Zone i55/53 - Install LRV Personality	1d	20-Apr-23	20-Apr-23	342d
Zone 1B (Ch 33,590 - 33,735) - 145m		642d	04-May-22	08-Dec-24	120d
Public Utilities Plant Works		155d	04-May-22	08-Dec-22	415d
DP-1B-MS-1000	PUP Works - Zone 1B - Conduits and Pipes Complete - Civil work to Commence	0d		21-Oct-22	111d
CoGC - Water		52d	01-Jun-22	13-Aug-22	159d
DP-1B-WT-3160	PUP Works - Zone 1B - (WA-100-004)	2d	01-Jun-22	02-Jun-22	142d
DP-1B-WT-1000	PUP Works - Zone 1B - (WA-100-215)	6d	01-Aug-22	10-Aug-22	108d
DP-1B-WT-3140	PUP Works - Zone 1B - (WA-100-006)	3d	11-Aug-22	13-Aug-22	159d
CoGC - Sewer		3d	25-Jun-22	28-Jun-22	28d
DP-1B-SW-1040	PUP Works - Zone 1B - Southbound Goldcoast Hwy to Peerless Ave - Sewer Pipe Reline (SE-100-007)	3d	25-Jun-22	28-Jun-22	28d
APA Gas		32d	08-Sep-22	21-Oct-22	111d
Protect / Relocate		8d	08-Sep-22	17-Sep-22	111d
DP-1B-GA-1000	PUP Works - Zone 1B - FOOTPATH, CROSSING PEERLESS AVE & SUNBRITE AVE - Gas Relocation DN90	8d	08-Sep-22	17-Sep-22	111d
Cutover		24d	19-Sep-22	21-Oct-22	111d
DP-1B-GA-1180	PUP Works - Zone 1B - D&C Contractor to Notify APA Gas	21d	19-Sep-22	18-Oct-22	111d
DP-1B-GA-1200	PUP Works - Zone 1B - APA Gas Cutover (GA-100-003)	3d	19-Oct-22	21-Oct-22	111d
Energex		66d	07-Sep-22	08-Dec-22	415d
Pre-Works		1d	07-Sep-22	07-Sep-22	110d
DP-1B-EG-1070	PUP Works - Zone 1B - Energex to install tigertails	1d	07-Sep-22	07-Sep-22	110d
Conduits & Pits		15d	07-Sep-22	26-Sep-22	76d
DP-1B-EG-1000	PUP Works - Zone 1B - Gold Coast Hwy - Energex Xing (EL-100-008 / 012)	15d	07-Sep-22	26-Sep-22	76d
Energex Works		65d	08-Sep-22	08-Dec-22	415d
DP-1B-EG-2000	PUP Works - Zone 1B - Gold Coast Hwy - Notification to Energex	50d	08-Sep-22	17-Nov-22	415d
DP-1B-EG-2010	PUP Works - Zone 1B - Gold Coast Hwy - Energex Works & Cutover (EL-100-008 / 012)	15d	18-Nov-22	08-Dec-22	415d
Telstra		12d	04-May-22	20-May-22	218d
Trench (D&C Contractor)		5d	04-May-22	12-May-22	225d
DP-1B-TLS-1000	PUP Works - Zone 1B - Install Protection over Network by D&C Contractor (JH) (TE-100-008 / 146)	5d	04-May-22	12-May-22	225d
Relocate Conduits & Cable Pull (Telstra)		12d	04-May-22	20-May-22	197d
DP-1B-TLS-1210	PUP Works - Zone 1B - Trench & Relocate (TE-100-014)	12d	04-May-22	20-May-22	197d
NBN		21d	29-Jul-22	30-Aug-22	148d
Relocate Conduits & Cable Pull		21d	29-Jul-22	30-Aug-22	148d
DP-1B-NB-1230	PUP Works - Zone 1B - Relocate NBN (TE-100-014a)	21d	29-Jul-22	30-Aug-22	148d
Street Lighting Relocations		3d	24-Oct-22	27-Oct-22	134d
DP-1B-Stl-1000	Lighting Works - Zone 1B - Install Temporary Street Lighting	1d	24-Oct-22	24-Oct-22	134d
DP-1B-Stl-1020	Lighting Works - Zone 1B - Removal of Existing Lighting	2d	25-Oct-22	27-Oct-22	134d
Civil Works - Kerb and Shoulder Lanes		23d	02-Feb-23	08-Mar-23	60d
DP-1B-CW-1520	Civil Works - Zone 1B - Shift Traffic to Median Lanes	1d	02-Feb-23	02-Feb-23	60d
DP-1B-CW-1720	Civil Works - Zone 1B - Remove existing asphalt and subbase	2d	03-Feb-23	04-Feb-23	68d
DP-1B-CW-1480	Civil Works - Zone 1B - Replace kerb and channel at PUP crossings	3d	06-Feb-23	08-Feb-23	68d
DP-1B-CW-2120	Civil Works - Zone 1B - Prepare subgrade	3d	24-Feb-23	27-Feb-23	60d
DP-1B-CW-1620	Civil Works - Zone 1B - Place subbase and base course	1d	28-Feb-23	28-Feb-23	60d
DP-1B-CW-1420	Civil Works - Zone 1B - Place asphalt (Incl Prime and Seal)	4d	02-Mar-23	07-Mar-23	60d
DP-1B-CW-1500	Civil Works - Zone 1B - Shift Traffic to Kerb and Shoulder Lanes	1d	08-Mar-23	08-Mar-23	60d
Civil Works - Stormwater Drainage		27d	03-Feb-23	18-Mar-23	60d
Southbound		8d	03-Feb-23	14-Feb-23	60d
DP-1B-DR-1000	Drainage Works - Zone 1B - Goldcoast Hwy - DN375 Stormwater Drainage - Excav/Lay/Bfill (Southbound)	8d	03-Feb-23	14-Feb-23	60d
Northbound		5d	16-Feb-23	23-Feb-23	60d
DP-1B-DR-1040	Drainage Works - Zone 1B - Goldcoast Hwy - DN375 Stormwater Drainage - Excav/Lay/Bfill (Northbound)	5d	16-Feb-23	23-Feb-23	60d
Undertrack		5d	09-Mar-23	18-Mar-23	60d



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Project ID : P00287-PTSub-023
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1B-DR-1020	Drainage Works - Zone 1B - Goldcoast Hwy - DN375 Stormwater Drainage - Excav/Lay/Bfill (Undertrack)	5d	09-Mar-23	18-Mar-23	60d
Civil Works - Rail Corridor		18d	08-Mar-23	17-Apr-23	60d
DP-1B-CW-1000	Civil Works - Zone 1B - Shift Traffic to Kerb and Shoulder Lanes	0d		08-Mar-23	60d
DP-1B-CW-1040	Civil Works - Zone 1B - Demo/Clear/Grub	1d	09-Mar-23	09-Mar-23	64d
DP-1B-CW-2100	Civil Works - Zone 1B - Profile central median and asphalt	1d	20-Mar-23	20-Mar-23	60d
DP-1B-CW-1100	Civil Works - Zone 1B - Bulk and Detail excavation	3d	21-Mar-23	23-Mar-23	60d
DP-1B-CW-1120	Civil Works - Zone 1B - Flooding and compact subgrade	2d	24-Mar-23	25-Mar-23	60d
DP-1B-CW-1140	Civil Works - Zone 1B - Install CSR conduits and Pits	2d	27-Mar-23	30-Mar-23	60d
DP-1B-CW-1160	Civil Works - Zone 1B - Place and Compact Type 2.1 Road base	2d	31-Mar-23	03-Apr-23	60d
DP-1B-CW-1360	Civil Works - Zone 1B - Final trim and survey	2d	04-Apr-23	06-Apr-23	60d
DP-1B-CW-1180	Civil Works - Zone 1B - Spray bitumen chip seal	1d	17-Apr-23	17-Apr-23	60d
Civil Works - Track		11d	18-Apr-23	04-May-23	60d
DP-1B-TW-1000	Track Works - Zone 1B - Install/weld rail, Rail Systems Loop and form/reo	5d	18-Apr-23	24-Apr-23	60d
DP-1B-TW-1020	Track Works - Zone 1B - Install OLE foundations	5d	18-Apr-23	24-Apr-23	60d
DP-1B-TW-1040	Track Works - Zone 1B - Perform electrical continunity testing/hold points	2d	26-Apr-23	27-Apr-23	60d
DP-1B-TW-1080	Track Works - Zone 1B - Pour concrete, strip formwork and install lids	4d	28-Apr-23	04-May-23	60d
Civil Works - Reinstate Track Verge		4d	05-May-23	12-May-23	60d
DP-1B-CW-1200	Civil Works - Zone 1B - Place and Compact Type 2.1 Road base	1d	05-May-23	05-May-23	60d
DP-1B-CW-1700	Civil Works - Zone 1B - FRP Median Kerb	3d	09-May-23	12-May-23	60d
Civil Works - Central Lanes		11d	13-May-23	26-May-23	60d
DP-1B-CW-1820	Civil Works - Zone 1B - Remove existing asphalt and subbase	1d	13-May-23	13-May-23	60d
DP-1B-CW-1840	Civil Works - Zone 1B - Prepare subgrade	2d	15-May-23	16-May-23	60d
DP-1B-CW-1880	Civil Works - Zone 1B - Place subbase and base course	3d	17-May-23	19-May-23	60d
DP-1B-CW-1760	Civil Works - Zone 1B - Place asphalt (Incl Prime and Seal)	4d	20-May-23	25-May-23	60d
DP-1B-CW-1780	Civil Works - Zone 1B - Remove Barriers - Shift Traffic to Permanent Alignment	1d	26-May-23	26-May-23	60d
Civil Works - System Fitout		1d	19-Sep-23	19-Sep-23	204d
DP-1B-CW-1660	Civil Works - Zone 1B - Erect Overhead Wire Poles with Lighting	1d	19-Sep-23	19-Sep-23	204d
Civil Works - Finishing		63d	29-May-23	24-Aug-23	386d
DP-1B-CW-5000	Civil Works - Zone 1B - Finishing - FRP Blister Islands	5d	29-May-23	02-Jun-23	390d
DP-1B-CW-5060	Civil Works - Zone 1B - Finishing - Landscaping	12d	29-May-23	13-Jun-23	437d
DP-1B-CW-5020	Civil Works - Zone 1B - Finishing - Final Asphalt Wearing Course	2d	03-Jun-23	05-Jun-23	390d
DP-1B-CW-5040	Civil Works - Zone 1B - Finishing - Pavement Marking	2d	23-Aug-23	24-Aug-23	336d
Traction Power & Overhead Line		300d	20-Sep-23	08-Dec-24	0d
CSR Cabling		144d	20-Sep-23	31-May-24	124d
Structure-to-Track		1d	20-Sep-23	20-Sep-23	210d
DP-1B-BC-1060	Traction Power - Zone 1B- Bond and Test Structure to Rail	1d	20-Sep-23	20-Sep-23	210d
Track-to-Track		1d	20-Sep-23	20-Sep-23	210d
DP-1B-BC-1020	Traction Power - Zone 1B- Connect Bond to Studs	1d	20-Sep-23	20-Sep-23	210d
Pit-to-Pit		36d	26-Feb-24	01-May-24	144d
DP-1B-HC-1020	Traction Power - Zone 1B - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	26-Feb-24	23-Mar-24	144d
DP-1B-HC-1100	Traction Power - Zone 1B - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	25-Mar-24	18-Apr-24	153d
DP-1B-ST-1000	Traction Power - Zone 1B - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	25-Mar-24	26-Apr-24	144d
DP-1B-ST-1020	Traction Power - Zone 1B - Stray Current (120mm2) & PUP Test Sites- Test/Terminate at Pit	3d	29-Apr-24	01-May-24	144d
Pit-to-OLE		12d	17-May-24	31-May-24	115d
DP-1B-HC-1040	Traction Power - Zone 1B- WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	17-May-24	25-May-24	115d
DP-1B-HC-1060	Traction Power - Zone 1B- WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	27-May-24	31-May-24	115d
Overhead Line		157d	29-Apr-24	08-Dec-24	0d
DP-1B-OH-1020	Traction Power - Zone 1B - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	83d
DP-1B-OH-1040	Traction Power - Zone 1B - Overhead Wiring - Wire Run 4/5 & QA	4d	09-May-24	16-May-24	83d
DP-1B-OH-1100	Traction Power - Zone 1B - Overhead Wiring - Wire Run 1/2 & QA	2d	07-Dec-24	08-Dec-24	0d
Zone i56 Intersection - Med Term Closure - Surfers Ave (Ch 33,735 - 33,770) - 35m		478d	01-Jun-22	16-May-24	198d
Public Utilities Plant Works		321d	01-Jun-22	18-Sep-23	229d
DP-I56-MS-1000	PUP Works - Zone i56 - Conduits and Pipes Complete - Civil work to Commence	0d		21-Jun-23	149d
CoGC - Water		49d	01-Jun-22	10-Aug-22	137d
Water Scope		6d	29-Jul-22	05-Aug-22	137d
DP-I56-WT-1000	PUP Works - Zone i56 - (WA-100-018)	6d	29-Jul-22	05-Aug-22	137d
Service Connections		49d	01-Jun-22	10-Aug-22	137d
DP-I56-WT-S015	PUP Works - Zone i56 - (WA-S-015)	1d	01-Jun-22	01-Jun-22	20d
DP-I56-WT-S011	PUP Works - Zone i56 - (WA-S-011)	1d	10-Aug-22	10-Aug-22	137d
CoGC - Sewer		6d	29-Jun-22	07-Jul-22	28d
DP-I56-SW-1040	PUP Works - Zone i56 - Southbound Goldcoast Hwy to Sunbrite Ave - Sewer Pipe Reline (SE-100-009)	6d	29-Jun-22	07-Jul-22	28d
Energex		84d	23-May-23	18-Sep-23	229d
Pre-Works		1d	16-Jun-23	16-Jun-23	153d
DP-I56-EG-1100	PUP Works - Zone i56 - Energex to install tigertails	1d	16-Jun-23	16-Jun-23	153d
Conduits & Pits		16d	23-May-23	15-Jun-23	149d



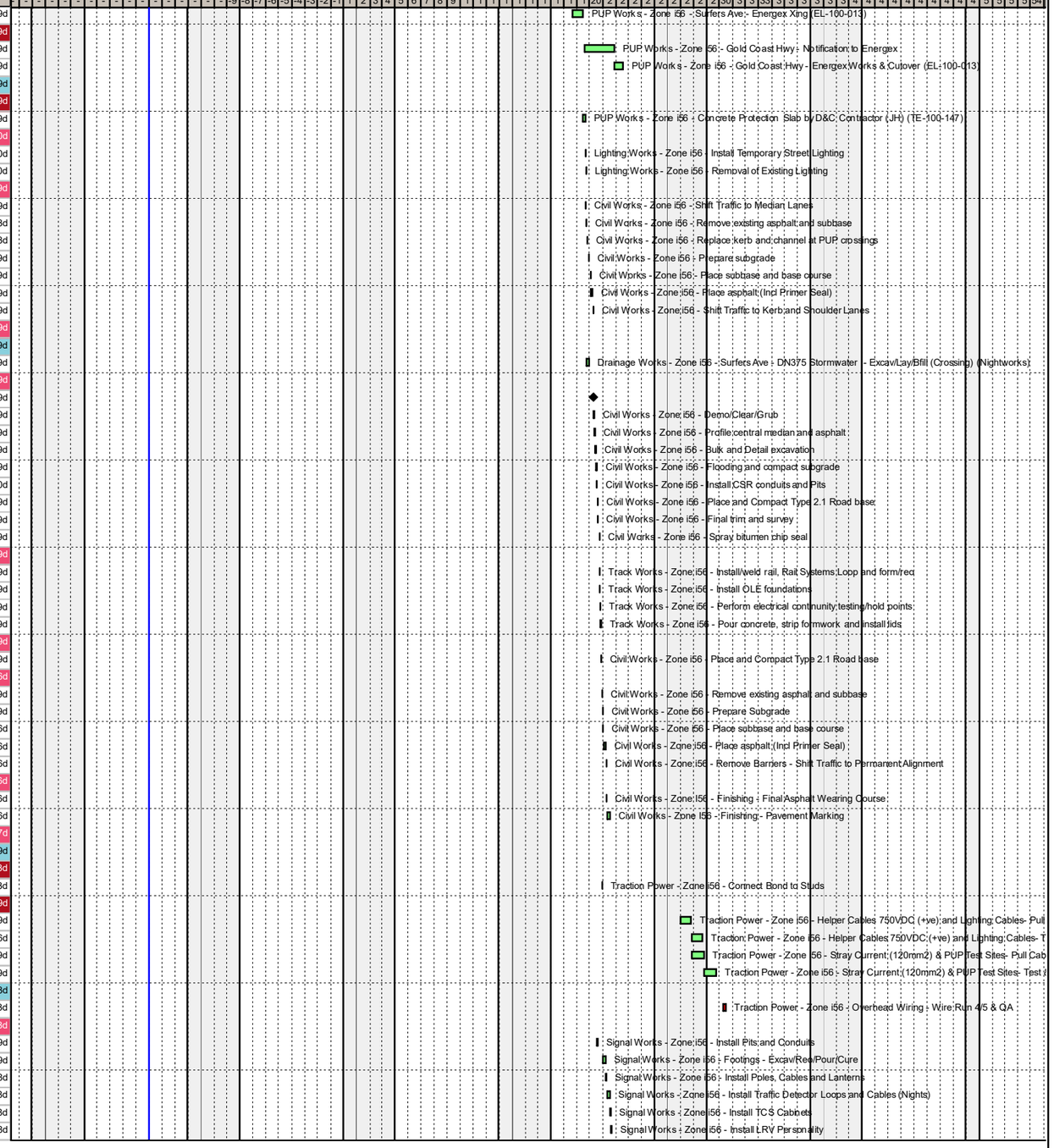
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I56-EG-1000	PUP Works - Zone i56 - Surfers Ave - Energex Xing (EL-100-013)	16d	23-May-23	15-Jun-23	149d
Energex Works		65d	19-Jun-23	18-Sep-23	229d
DP-I56-EG-2000	PUP Works - Zone i56 - Gold Coast Hwy - Notification to Energex	50d	19-Jun-23	28-Aug-23	229d
DP-I56-EG-2010	PUP Works - Zone i56 - Gold Coast Hwy - Energex Works & Cutover (EL-100-013)	15d	29-Aug-23	18-Sep-23	229d
Telstra		5d	16-Jun-23	21-Jun-23	149d
Trench (D&C Contractor)		5d	16-Jun-23	21-Jun-23	149d
DP-I56-TLS-1000	PUP Works - Zone i56 - Concrete Protection Slab by D&C Contractor (JH) (TE-100-147)	5d	16-Jun-23	21-Jun-23	149d
Street Lighting Relocations		2d	22-Jun-23	23-Jun-23	160d
DP-I56-Stl-1000	Lighting Works - Zone i56 - Install Temporary Street Lighting	1d	22-Jun-23	22-Jun-23	160d
DP-I56-Stl-1020	Lighting Works - Zone i56 - Removal of Existing Lighting	1d	23-Jun-23	23-Jun-23	160d
Civil Works - Kerb and Shoulder Lanes		13d	22-Jun-23	10-Jul-23	149d
DP-I56-CW-1520	Civil Works - Zone i56 - Shift Traffic to Median Lanes	1d	22-Jun-23	22-Jun-23	149d
DP-I56-CW-1720	Civil Works - Zone i56 - Remove existing asphalt and subbase	1d	23-Jun-23	23-Jun-23	153d
DP-I56-CW-1480	Civil Works - Zone i56 - Replace kerb and channel at PUP crossings	0d	26-Jun-23	26-Jun-23	153d
DP-I56-CW-2120	Civil Works - Zone i56 - Prepare subgrade	1d	30-Jun-23	30-Jun-23	149d
DP-I56-CW-1620	Civil Works - Zone i56 - Place subbase and base course	1d	04-Jul-23	04-Jul-23	149d
DP-I56-CW-1420	Civil Works - Zone i56 - Place asphalt (Incl Primer Seal)	4d	05-Jul-23	08-Jul-23	149d
DP-I56-CW-1500	Civil Works - Zone i56 - Shift Traffic to Kerb and Shoulder Lanes	1d	10-Jul-23	10-Jul-23	149d
Civil Works - Stormwater Drainage		5d	23-Jun-23	29-Jun-23	149d
Crossing		5d	23-Jun-23	29-Jun-23	149d
DP-I56-DR-1000	Drainage Works - Zone i56 - Surfers Ave - DN375 Stormwater - Excav/Lay/Bfill (Crossing) (Nightworks)	5d	23-Jun-23	29-Jun-23	149d
Civil Works - Rail Corridor		10d	10-Jul-23	24-Jul-23	149d
DP-I56-CW-1000	Civil Works - Zone i56 - Shift Traffic to Kerb and Shoulder Lanes	0d		10-Jul-23	149d
DP-I56-CW-1040	Civil Works - Zone i56 - Demo/Clear/Grub	1d	11-Jul-23	11-Jul-23	149d
DP-I56-CW-2100	Civil Works - Zone i56 - Profile central median and asphalt	1d	13-Jul-23	13-Jul-23	149d
DP-I56-CW-1100	Civil Works - Zone i56 - Bulk and Detail excavation	2d	14-Jul-23	15-Jul-23	149d
DP-I56-CW-1120	Civil Works - Zone i56 - Flooding and compact subgrade	1d	17-Jul-23	17-Jul-23	149d
DP-I56-CW-1140	Civil Works - Zone i56 - Install CSR conduits and Pits	1d	18-Jul-23	18-Jul-23	150d
DP-I56-CW-1160	Civil Works - Zone i56 - Place and Compact Type 2.1 Road base	1d	20-Jul-23	20-Jul-23	149d
DP-I56-CW-1360	Civil Works - Zone i56 - Final trim and survey	1d	21-Jul-23	21-Jul-23	149d
DP-I56-CW-1180	Civil Works - Zone i56 - Spray bitumen chip seal	1d	24-Jul-23	24-Jul-23	149d
Civil Works - Track		4d	25-Jul-23	28-Jul-23	149d
DP-I56-TW-1000	Track Works - Zone i56 - Install/weld rail, Rail Systems Loop and form/reo	1d	25-Jul-23	25-Jul-23	149d
DP-I56-TW-1020	Track Works - Zone i56 - Install OLE foundations	1d	25-Jul-23	25-Jul-23	149d
DP-I56-TW-1040	Track Works - Zone i56 - Perform electrical continunity testing/hold points	1d	26-Jul-23	26-Jul-23	149d
DP-I56-TW-1080	Track Works - Zone i56 - Pour concrete, strip formwork and install lids	2d	27-Jul-23	28-Jul-23	149d
Civil Works - Reinstate Track Verge		1d	29-Jul-23	29-Jul-23	149d
DP-I56-CW-1200	Civil Works - Zone i56 - Place and Compact Type 2.1 Road base	1d	29-Jul-23	29-Jul-23	149d
Civil Works - Central Lanes		8d	31-Jul-23	09-Aug-23	236d
DP-I56-CW-1820	Civil Works - Zone i56 - Remove existing asphalt and subbase	1d	31-Jul-23	31-Jul-23	149d
DP-I56-CW-1840	Civil Works - Zone i56 - Prepare Subgrade	1d	01-Aug-23	01-Aug-23	149d
DP-I56-CW-1880	Civil Works - Zone i56 - Place subbase and base course	1d	02-Aug-23	02-Aug-23	236d
DP-I56-CW-1760	Civil Works - Zone i56 - Place asphalt (Incl Primer Seal)	4d	03-Aug-23	08-Aug-23	236d
DP-I56-CW-1780	Civil Works - Zone i56 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	09-Aug-23	09-Aug-23	236d
Civil Works - Finishing		3d	10-Aug-23	17-Aug-23	336d
DP-I56-CW-5020	Civil Works - Zone I56 - Finishing - Final Asphalt Wearing Course	1d	10-Aug-23	10-Aug-23	336d
DP-I56-CW-5040	Civil Works - Zone I56 - Finishing - Pavement Marking	2d	11-Aug-23	17-Aug-23	336d
Traction Power & Overhead Line		165d	31-Jul-23	16-May-24	127d
CSR Cabling		153d	31-Jul-23	24-Apr-24	139d
Track-to-Track		1d	31-Jul-23	31-Jul-23	243d
DP-I56-BC-1000	Traction Power - Zone i56 - Connect Bond to Studs	1d	31-Jul-23	31-Jul-23	243d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	139d
DP-I56-HC-1000	Traction Power - Zone i56 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	139d
DP-I56-HC-1020	Traction Power - Zone i56 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	156d
DP-I56-ST-1000	Traction Power - Zone i56 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-I56-ST-1020	Traction Power - Zone i56 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	139d
Overhead Line		4d	09-May-24	16-May-24	83d
DP-I56-OH-1040	Traction Power - Zone i56 - Overhead Wiring - Wire Run 4/5 & QA	4d	09-May-24	16-May-24	83d
Traffic Control Systems (TCS)		24d	18-Jul-23	21-Aug-23	258d
DP-I56-TCS-1000	Signal Works - Zone i56 - Install Pits and Conduits	2d	18-Jul-23	19-Jul-23	149d
DP-I56-TCS-1040	Signal Works - Zone i56 - Footings - Excav/Reo/Pour/Cure	4d	02-Aug-23	07-Aug-23	149d
DP-I56-TCS-1060	Signal Works - Zone i56 - Install Poles, Cables and Lanterns	3d	08-Aug-23	10-Aug-23	258d
DP-I56-TCS-1080	Signal Works - Zone i56 - Install Traffic Detector Loops and Cables (Nights)	3d	11-Aug-23	18-Aug-23	258d
DP-I56-TCS-1100	Signal Works - Zone i56 - Install TCS Cabinets	1d	19-Aug-23	19-Aug-23	258d
DP-I56-TCS-1120	Signal Works - Zone i56 - Install LRV Personality	1d	21-Aug-23	21-Aug-23	258d



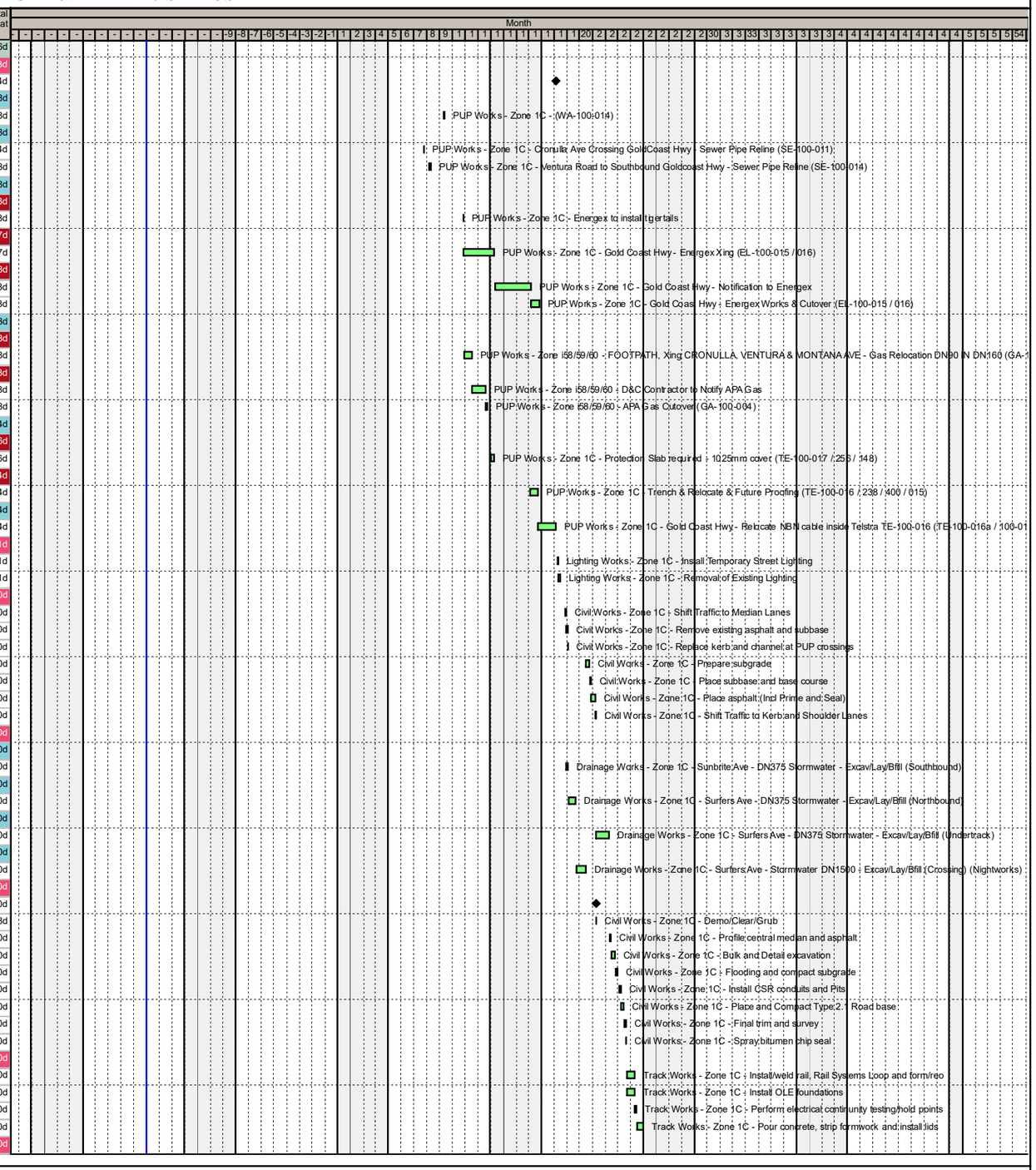
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Zone 1C (Ch 33,770 - 34,065) - 295m		499d	24-Jun-22	09-Jul-24	226d
Public Utilities Plant Works		209d	24-Jun-22	05-May-23	323d
DP-1C-MS-1000	PUP Works - Zone 1C - Conduits and Pipes Complete - Civil work to Commence	0d		05-May-23	74d
CoGC - Water		2d	11-Aug-22	12-Aug-22	108d
DP-1C-WT-2500	PUP Works - Zone 1C - (WA-100-014)	2d	11-Aug-22	12-Aug-22	108d
CoGC - Sewer		13d	24-Jun-22	11-Jul-22	28d
DP-1C-SW-1070	PUP Works - Zone 1C - Cronulla Ave Crossing GoldCoast Hwy - Sewer Pipe Reline (SE-100-011)	2d	24-Jun-22	25-Jun-22	34d
DP-1C-SW-1100	PUP Works - Zone 1C - Ventura Road to Southbound Goldcoast Hwy - Sewer Pipe Reline (SE-100-014)	3d	08-Jul-22	11-Jul-22	28d
Energex		118d	27-Sep-22	27-Mar-23	348d
Pre-Works		1d	27-Sep-22	27-Sep-22	158d
DP-1C-EG-1150	PUP Works - Zone 1C - Energex to install tigertails	1d	27-Sep-22	27-Sep-22	158d
Conduits & Pits		47d	27-Sep-22	09-Dec-22	77d
DP-1C-EG-1000	PUP Works - Zone 1C - Gold Coast Hwy - Energex Xing (EL-100-015 / 016)	47d	27-Sep-22	09-Dec-22	77d
Energex Works		65d	12-Dec-22	27-Mar-23	348d
DP-1C-EG-2000	PUP Works - Zone 1C - Gold Coast Hwy - Notification to Energex	50d	12-Dec-22	06-Mar-23	348d
DP-1C-EG-2010	PUP Works - Zone 1C - Gold Coast Hwy - Energex Works & Cutover (EL-100-015 / 016)	15d	07-Mar-23	27-Mar-23	348d
APA Gas		37d	28-Sep-22	22-Nov-22	158d
Protect / Relocate		13d	28-Sep-22	17-Oct-22	158d
DP-1C-GA-1020	PUP Works - Zone i58/59/60 - FOOTPATH, Xing CRONULLA, VENTURA & MONTANA AVE - Gas Relocation	13d	28-Sep-22	17-Oct-22	158d
Cutover		24d	18-Oct-22	22-Nov-22	158d
DP-1C-GA-1180	PUP Works - Zone i58/59/60 - D&C Contractor to Notify APA Gas	21d	18-Oct-22	18-Nov-22	158d
DP-1C-GA-1200	PUP Works - Zone i58/59/60 - APA Gas Cutover (GA-100-004)	3d	19-Nov-22	22-Nov-22	158d
Telstra		59d	02-Dec-22	23-Mar-23	74d
Trench (D&C Contractor)		5d	02-Dec-22	09-Dec-22	106d
DP-1C-TLS-1220	PUP Works - Zone 1C - Protection Slab required - 1025mm cover (TE-100-017 / 256 / 148)	5d	02-Dec-22	09-Dec-22	106d
Relocate Conduits & Cable Pull		12d	06-Mar-23	23-Mar-23	74d
DP-1C-TLS-1200	PUP Works - Zone 1C - Trench & Relocate & Future Proofing (TE-100-016 / 238 / 400 / 015)	12d	06-Mar-23	23-Mar-23	74d
NBN		21d	24-Mar-23	05-May-23	74d
DP-1C-NB-01080	PUP Works - Zone 1C - Gold Coast Hwy - Relocate NBN cable inside Telstra TE-100-016 (TE-100-016a / 100-	21d	24-Mar-23	05-May-23	74d
Street Lighting Relocations		5d	09-May-23	15-May-23	141d
DP-1C-Stl-1000	Lighting Works - Zone 1C - Install Temporary Street Lighting	2d	09-May-23	11-May-23	141d
DP-1C-Stl-1020	Lighting Works - Zone 1C - Removal of Existing Lighting	3d	12-May-23	15-May-23	141d
Civil Works - Kerb and Shoulder Lanes		54d	29-May-23	09-Aug-23	60d
DP-1C-CW-1520	Civil Works - Zone 1C - Shift Traffic to Median Lanes	2d	29-May-23	30-May-23	60d
DP-1C-CW-1720	Civil Works - Zone 1C - Remove existing asphalt and subbase	3d	31-May-23	02-Jun-23	90d
DP-1C-CW-1480	Civil Works - Zone 1C - Replace kerb and channel at PUP crossings	0d	03-Jun-23	03-Jun-23	90d
DP-1C-CW-2120	Civil Works - Zone 1C - Prepare subgrade	7d	17-Jul-23	25-Jul-23	60d
DP-1C-CW-1620	Civil Works - Zone 1C - Place subbase and base course	3d	26-Jul-23	28-Jul-23	60d
DP-1C-CW-1420	Civil Works - Zone 1C - Place asphalt (Incl Prime and Seal)	7d	29-Jul-23	07-Aug-23	60d
DP-1C-CW-1500	Civil Works - Zone 1C - Shift Traffic to Kerb and Shoulder Lanes	2d	08-Aug-23	09-Aug-23	60d
Civil Works - Stormwater Drainage		71d	31-May-23	09-Sep-23	60d
Southbound		4d	31-May-23	03-Jun-23	60d
DP-1C-DR-1020	Drainage Works - Zone 1C - Sunbrite Ave - DN375 Stormwater - Excav/Lay/Bfill (Southbound)	4d	31-May-23	03-Jun-23	60d
Northbound		13d	05-Jun-23	22-Jun-23	60d
DP-1C-DR-1000	Drainage Works - Zone 1C - Surfers Ave - DN375 Stormwater - Excav/Lay/Bfill (Northbound)	13d	05-Jun-23	22-Jun-23	60d
Undertrack		19d	10-Aug-23	09-Sep-23	60d
DP-1C-DR-1080	Drainage Works - Zone 1C - Surfers Ave - DN375 Stormwater - Excav/Lay/Bfill (Undertrack)	19d	10-Aug-23	09-Sep-23	60d
Crossing		16d	23-Jun-23	15-Jul-23	60d
DP-1C-DR-1060	Drainage Works - Zone 1C - Surfers Ave - Stormwater DN1500 - Excav/Lay/Bfill (Crossing) (Nightworks)	16d	23-Jun-23	15-Jul-23	60d
Civil Works - Rail Corridor		48d	09-Aug-23	21-Oct-23	60d
DP-1C-CW-1000	Civil Works - Zone 1C - Shift Traffic to Kerb and Shoulder Lanes	0d		09-Aug-23	60d
DP-1C-CW-1040	Civil Works - Zone 1C - Demo/Clear/Grub	1d	10-Aug-23	10-Aug-23	78d
DP-1C-CW-2100	Civil Works - Zone 1C - Profile central median and asphalt	3d	11-Sep-23	14-Sep-23	60d
DP-1C-CW-1100	Civil Works - Zone 1C - Bulk and Detail excavation	7d	15-Sep-23	23-Sep-23	60d
DP-1C-CW-1120	Civil Works - Zone 1C - Flooding and compact subgrade	5d	25-Sep-23	29-Sep-23	60d
DP-1C-CW-1140	Civil Works - Zone 1C - Install CSR conduits and Pits	4d	04-Oct-23	07-Oct-23	60d
DP-1C-CW-1160	Civil Works - Zone 1C - Place and Compact Type 2.1 Road base	4d	09-Oct-23	13-Oct-23	60d
DP-1C-CW-1360	Civil Works - Zone 1C - Final trim and survey	5d	16-Oct-23	20-Oct-23	60d
DP-1C-CW-1180	Civil Works - Zone 1C - Spray bitumen chip seal	1d	21-Oct-23	21-Oct-23	60d
Civil Works - Track		21d	23-Oct-23	29-Nov-23	60d
DP-1C-TW-1000	Track Works - Zone 1C - Install/weld rail, Rail Systems Loop and form/reo	10d	23-Oct-23	09-Nov-23	60d
DP-1C-TW-1020	Track Works - Zone 1C - Install OLE foundations	10d	23-Oct-23	09-Nov-23	60d
DP-1C-TW-1040	Track Works - Zone 1C - Perform electrical continunity testing/hold points	4d	10-Nov-23	14-Nov-23	60d
DP-1C-TW-1080	Track Works - Zone 1C - Pour concrete, strip formwork and install lids	7d	16-Nov-23	29-Nov-23	60d
Civil Works - Reinstate Track Verge		8d	30-Nov-23	09-Dec-23	60d



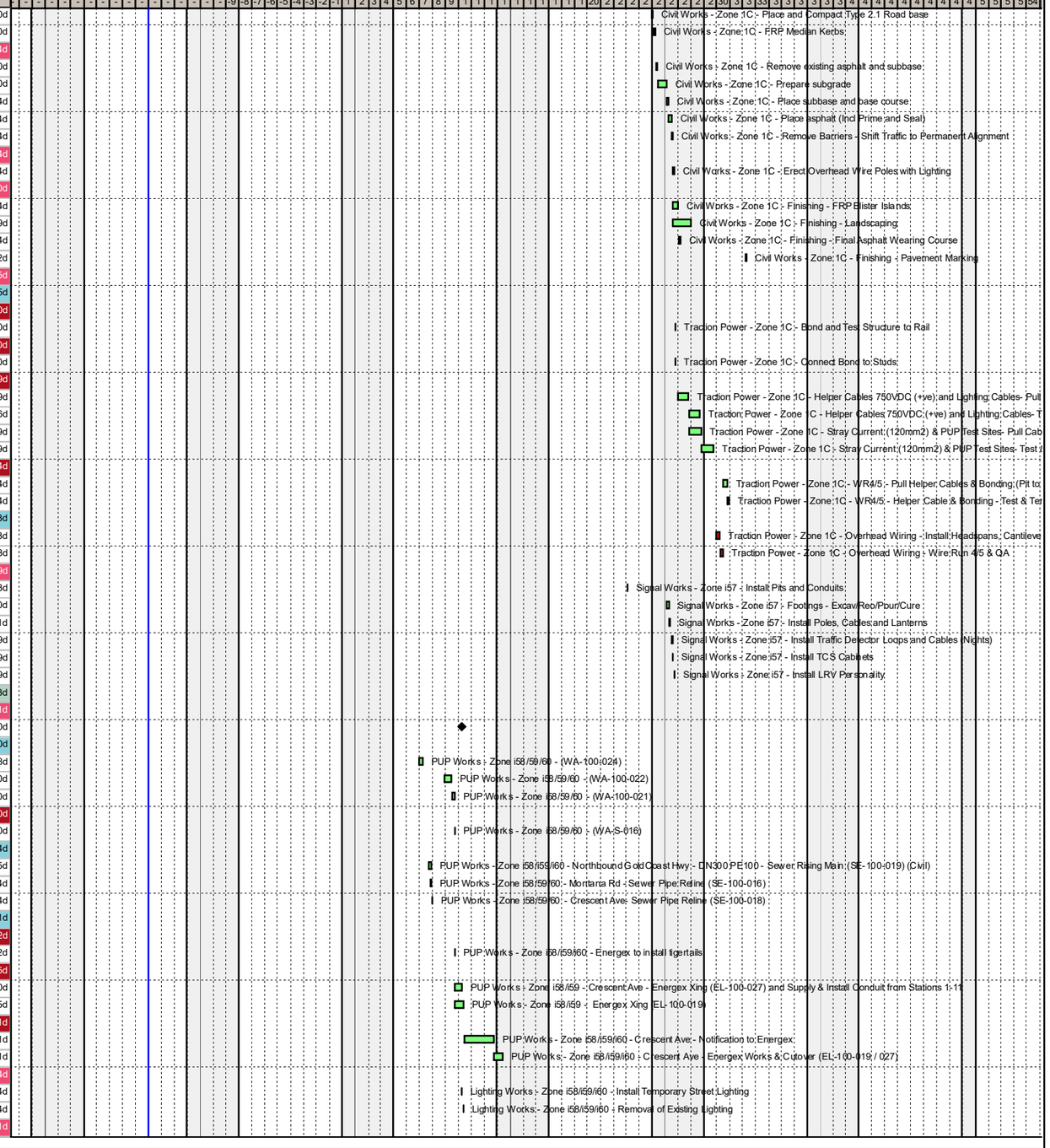
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1C-CW-1200	Civil Works - Zone 1C - Place and Compact Type 2.1 Road base	3d	30-Nov-23	02-Dec-23	60d
DP-1C-CW-1700	Civil Works - Zone 1C - FRP Median Kerbs	5d	04-Dec-23	09-Dec-23	60d
Civil Works - Central Lanes		16d	11-Dec-23	18-Jan-24	134d
DP-1C-CW-1820	Civil Works - Zone 1C - Remove existing asphalt and subbase	2d	11-Dec-23	12-Dec-23	60d
DP-1C-CW-1840	Civil Works - Zone 1C - Prepare subgrade	5d	14-Dec-23	04-Jan-24	60d
DP-1C-CW-1880	Civil Works - Zone 1C - Place subbase and base course	2d	05-Jan-24	08-Jan-24	134d
DP-1C-CW-1760	Civil Works - Zone 1C - Place asphalt (Incl Prime and Seal)	5d	09-Jan-24	15-Jan-24	134d
DP-1C-CW-1780	Civil Works - Zone 1C - Remove Barriers - Shift Traffic to Permanent Alignment	2d	16-Jan-24	18-Jan-24	134d
Civil Works - System Fitout		2d	19-Jan-24	23-Jan-24	134d
DP-1C-CW-1660	Civil Works - Zone 1C - Erect Overhead Wire Poles with Lighting	2d	19-Jan-24	23-Jan-24	134d
Civil Works - Finishing		102d	19-Jan-24	09-Jul-24	200d
DP-1C-CW-5000	Civil Works - Zone 1C - Finishing - FRP Blister Islands	5d	19-Jan-24	30-Jan-24	284d
DP-1C-CW-5060	Civil Works - Zone 1C - Finishing - Landscaping	23d	19-Jan-24	29-Feb-24	279d
DP-1C-CW-5020	Civil Works - Zone 1C - Finishing - Final Asphalt Wearing Course	3d	01-Feb-24	05-Feb-24	284d
DP-1C-CW-5040	Civil Works - Zone 1C - Finishing - Pavement Marking	2d	08-Jul-24	09-Jul-24	192d
Traction Power & Overhead Line		74d	25-Jan-24	31-May-24	115d
CSR Cabling		74d	25-Jan-24	31-May-24	115d
Structure-to-Track		1d	25-Jan-24	25-Jan-24	140d
DP-1C-BC-1100	Traction Power - Zone 1C - Bond and Test Structure to Rail	1d	25-Jan-24	25-Jan-24	140d
Track-to-Track		1d	25-Jan-24	25-Jan-24	140d
DP-1C-BC-1000	Traction Power - Zone 1C - Connect Bond to Studs	1d	25-Jan-24	25-Jan-24	140d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	139d
DP-1C-HC-1000	Traction Power - Zone 1C - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	139d
DP-1C-HC-1020	Traction Power - Zone 1C - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	156d
DP-1C-ST-1000	Traction Power - Zone 1C - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-1C-ST-1020	Traction Power - Zone 1C - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	139d
Pit-to-OLE		12d	17-May-24	31-May-24	104d
DP-1C-HC-1040	Traction Power - Zone 1C - WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	17-May-24	25-May-24	104d
DP-1C-HC-1060	Traction Power - Zone 1C - WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	27-May-24	31-May-24	104d
Overhead Line		11d	29-Apr-24	16-May-24	83d
DP-1C-OH-1020	Traction Power - Zone 1C - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	83d
DP-1C-OH-1040	Traction Power - Zone 1C - Overhead Wiring - Wire Run 4/5 & QA	4d	09-May-24	16-May-24	83d
Traffic Control Systems (TCS)		61d	04-Oct-23	23-Jan-24	169d
DP-I57-TCS-1000	Signal Works - Zone i57 - Install Pits and Conduits	1d	04-Oct-23	04-Oct-23	63d
DP-I57-TCS-1040	Signal Works - Zone i57 - Footings - Excav/Reo/Pour/Cure	3d	05-Jan-24	09-Jan-24	60d
DP-I57-TCS-1060	Signal Works - Zone i57 - Install Poles, Cables and Lanterns	2d	11-Jan-24	12-Jan-24	171d
DP-I57-TCS-1080	Signal Works - Zone i57 - Install Traffic Detector Loops and Cables (Nights)	2d	16-Jan-24	18-Jan-24	169d
DP-I57-TCS-1100	Signal Works - Zone i57 - Install TCS Cabinets	1d	19-Jan-24	19-Jan-24	169d
DP-I57-TCS-1120	Signal Works - Zone i57 - Install LRV Personality	1d	23-Jan-24	23-Jan-24	169d
Zone i58/59/60 Intersection - Med Closure - Gaven/Montana/Crescent Ave's (Ch 34,065 - 34,210) -145		489d	01-Jun-22	31-May-24	253d
Public Utilities Plant Works		139d	01-Jun-22	14-Dec-22	411d
DP-I58-MS-1000	PUP Works - Zone i58/i59/i60 - Conduits and Pipes Complete - Civil work to Commence	0d		08-Sep-22	100d
CoGC - Water		59d	01-Jun-22	23-Aug-22	110d
DP-I58-WT-1040	PUP Works - Zone i58/59/60 - (WA-100-024)	5d	01-Jun-22	07-Jun-22	148d
DP-I58-WT-1020	PUP Works - Zone i58/59/60 - (WA-100-022)	11d	29-Jul-22	15-Aug-22	100d
DP-I58-WT-1000	PUP Works - Zone i58/59/60 - (WA-100-021)	5d	16-Aug-22	22-Aug-22	100d
Service Connections		1d	23-Aug-22	23-Aug-22	110d
DP-I58-WT-S016	PUP Works - Zone i58/59/60 - (WA-S-016)	1d	23-Aug-22	23-Aug-22	110d
CoGC - Sewer		9d	22-Jun-22	01-Jul-22	34d
DP-I58-SW-1080	PUP Works - Zone i58/i59/i60 - Northbound Gold Coast Hwy - DN300 PE100 - Sewer Rising Main (SE-100-019	6d	22-Jun-22	28-Jun-22	25d
DP-I58-SW-1010	PUP Works - Zone i58/59/60 - Montana Rd - Sewer Pipe Reline (SE-100-016)	3d	27-Jun-22	29-Jun-22	34d
DP-I58-SW-1060	PUP Works - Zone i58/59/60 - Crescent Ave- Sewer Pipe Reline (SE-100-018)	2d	30-Jun-22	01-Jul-22	34d
Energex		80d	23-Aug-22	14-Dec-22	411d
Pre-Works		1d	23-Aug-22	23-Aug-22	122d
DP-I58-EG-1130	PUP Works - Zone i58/i59/i60 - Energex to install tigertails	1d	23-Aug-22	23-Aug-22	122d
Conduits & Pits		15d	23-Aug-22	13-Sep-22	365d
DP-I58-EG-1000	PUP Works - Zone i58/i59 - Crescent Ave - Energex Xing (EL-100-027) and Supply & Install Conduit from Static	11d	23-Aug-22	08-Sep-22	100d
DP-I58-EG-1020	PUP Works - Zone i58/i59 - Energex Xing (EL-100-019)	15d	23-Aug-22	13-Sep-22	365d
Energex Works		65d	14-Sep-22	14-Dec-22	411d
DP-I58-EG-2000	PUP Works - Zone i58/i59/i60 - Crescent Ave - Notification to Energex	50d	14-Sep-22	23-Nov-22	411d
DP-I58-EG-2010	PUP Works - Zone i58/i59/i60 - Crescent Ave - Energex Works & Cutover (EL-100-019 / 027)	15d	24-Nov-22	14-Dec-22	411d
Street Lighting Relocations		3d	09-Sep-22	13-Sep-22	214d
DP-I58-Stl-1000	Lighting Works - Zone i58/i59/i60 - Install Temporary Street Lighting	1d	09-Sep-22	09-Sep-22	214d
DP-I58-Stl-1020	Lighting Works - Zone i58/i59/i60 - Removal of Existing Lighting	2d	12-Sep-22	13-Sep-22	214d
Civil Works - Kerb and Shoulder Lanes		63d	13-Oct-22	23-Jan-23	131d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I58-CW-1520	Civil Works - Zone i58/59/60 - Shift Traffic to Median Lanes	1d	13-Oct-22	13-Oct-22	89d
DP-I58-CW-1720	Civil Works - Zone i58/59/60 - Remove existing asphalt and subbase	2d	14-Oct-22	15-Oct-22	161d
DP-I58-CW-1480	Civil Works - Zone i58/59/60 - Replace kerb and channel at PUP crossings	0d	17-Oct-22	17-Oct-22	161d
DP-I58-CW-2120	Civil Works - Zone i58/59/60 - Prepare subgrade	3d	05-Jan-23	09-Jan-23	121d
DP-I58-CW-1620	Civil Works - Zone i58/59/60 - Place subbase and base course	1d	10-Jan-23	10-Jan-23	121d
DP-I58-CW-1420	Civil Works - Zone i58/59/60 - Place asphalt (Incl Primer Seal)	5d	12-Jan-23	20-Jan-23	121d
DP-I58-CW-1500	Civil Works - Zone i58/59/60 - Shift Traffic to Kerb and Shoulder Lanes	1d	23-Jan-23	23-Jan-23	131d
Civil Works - Stormwater Drainage		42d	14-Oct-22	03-Jan-23	77d
Southbound		15d	14-Oct-22	02-Nov-22	77d
DP-I58/I59-DR-1100	Drainage Works - Zone i58/59/60 - Gaven/Montana/Crescent Ave - DN375 Stormwater - Excav/Lay/Bfill (South	15d	14-Oct-22	02-Nov-22	77d
Northbound		27d	03-Nov-22	03-Jan-23	77d
DP-I58/I59-DR-1080	Drainage Works - i58/59/60 - Gaven/Montana/Crescent Ave - DN375 Stormwater - Excav/Lay/Bfill (Northbound	27d	03-Nov-22	03-Jan-23	77d
Civil Works - Rail Corridor		19d	23-Jan-23	23-Feb-23	120d
DP-I58-CW-1000	Civil Works - Zone i58/59/60 - Shift Traffic to Kerb and Shoulder Lanes	0d		23-Jan-23	120d
DP-I58-CW-1040	Civil Works - Zone i58/59/60 - Demo/Clear/Grub	1d	24-Jan-23	24-Jan-23	120d
DP-I58-CW-2100	Civil Works - Zone i58/59/60 - Profile central median and asphalt	1d	27-Jan-23	27-Jan-23	120d
DP-I58-CW-1100	Civil Works - Zone i58/59/60 - Bulk and Detail excavation	5d	28-Jan-23	03-Feb-23	120d
DP-I58-CW-1120	Civil Works - Zone i58/59/60 - Flooding and compact subgrade	3d	04-Feb-23	07-Feb-23	120d
DP-I58-CW-1140	Civil Works - Zone i58/59/60 - Install CSR conduits and Pits	2d	08-Feb-23	09-Feb-23	120d
DP-I58-CW-1160	Civil Works - Zone i58/59/60 - Place and Compact Type 2.1 Road base	3d	10-Feb-23	16-Feb-23	120d
DP-I58-CW-1360	Civil Works - Zone i58/59/60 - Final trim and survey	3d	17-Feb-23	20-Feb-23	120d
DP-I58-CW-1180	Civil Works - Zone i58/59/60 - Spray bitumen chip seal	1d	23-Feb-23	23-Feb-23	120d
Civil Works - Track		11d	24-Feb-23	10-Mar-23	120d
DP-I58-TW-1000	Track Works - Zone i58/59/60 - Install/weld rail, Rail Systems Loop and form/reo	5d	24-Feb-23	02-Mar-23	120d
DP-I58-TW-1020	Track Works - Zone i58/59/60 - Install OLE foundations	5d	24-Feb-23	02-Mar-23	120d
DP-I58-TW-1040	Track Works - Zone i58/59/60 - Perform electrical continunity testing/hold points	2d	03-Mar-23	06-Mar-23	120d
DP-I58-TW-1080	Track Works - Zone i58/59/60 - Pour concrete, strip formwork and install lids	4d	07-Mar-23	10-Mar-23	120d
Civil Works - Reinstate Track Verge		3d	16-Mar-23	18-Mar-23	120d
DP-I58-CW-1200	Civil Works - Zone i58/59/60 - Place and Compact Type 2.1 Road base	1d	16-Mar-23	16-Mar-23	120d
DP-I58-CW-1700	Civil Works - Zone i58/59/60 - FRP Median Kerbs	2d	17-Mar-23	18-Mar-23	120d
Civil Works - Central Lanes		7d	20-Mar-23	28-Mar-23	129d
DP-I58-CW-1820	Civil Works - Zone i58/59/60 - Remove existing asphalt and subbase	1d	20-Mar-23	20-Mar-23	120d
DP-I58-CW-1840	Civil Works - Zone i58/59/60 - Prepare Subgrade	1d	21-Mar-23	21-Mar-23	120d
DP-I58-CW-1880	Civil Works - Zone i58/59/60 - Place subbase and base course	1d	22-Mar-23	22-Mar-23	120d
DP-I58-CW-1760	Civil Works - Zone i58/59/60 - Place asphalt (Incl Primer Seal)	4d	23-Mar-23	27-Mar-23	120d
DP-I58-CW-1780	Civil Works - Zone i58/59/60 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	28-Mar-23	28-Mar-23	129d
Civil Works - System Fitout		51d	20-Mar-23	02-Jun-23	327d
DP-I58-CW-1660	Civil Works - Zone i58/59/60 - Erect Overhead Wire Poles with Lighting	1d	20-Mar-23	20-Mar-23	321d
DP-I58-CW-1680	Civil Works - Zone i58/59/60 - FRP island platform Stop MEB Incl Conduits	11d	20-Mar-23	04-Apr-23	207d
DP-I58-BW-1040	Building Works - Zone i58/59/60 - Stop MEB - Fitout	16d	06-Apr-23	11-May-23	207d
DP-I58-CW-1900	Civil Works - Zone i58/59/60 - Install island platform Stop MEB Membrane structure Incl Membrane	16d	06-Apr-23	11-May-23	317d
DP-I58-BW-1060	Building Works - Zone i58/59/60 - Stop MEB - Install comms/UPS cabinets	1d	12-May-23	12-May-23	207d
DP-I58-BW-1080	Building Works - Zone i58/59/60 - Stop MEB - LV distribution board, cabling & fitout	5d	13-May-23	18-May-23	207d
DP-I58-BW-1100	Building Works - Zone i58/59/60 - Stop MEB - Commission	11d	19-May-23	02-Jun-23	300d
Civil Works - Finishing		25d	30-Mar-23	17-May-23	456d
DP-I58-CW-5020	Civil Works - Zone i58 - Finishing - Final Asphalt Wearing Course	1d	30-Mar-23	30-Mar-23	422d
DP-I58-CW-5040	Civil Works - Zone i58 - Finishing - Pavement Marking	2d	31-Mar-23	03-Apr-23	422d
DP-I58-CW-5060	Civil Works - Zone i58 - Finishing - Landscaping	12d	28-Apr-23	17-May-23	456d
Traffic Control Systems (TCS)		37d	08-Feb-23	18-Apr-23	343d
DP-I58-TCS-1000	Signal Works - Zone i58/59 - Install Pits and Conduits	2d	08-Feb-23	09-Feb-23	120d
DP-I58-TCS-1040	Signal Works - Zone i58/59 - Footings - Excav/Reo/Pour/Cure	6d	22-Mar-23	30-Mar-23	232d
DP-I58-TCS-1080	Signal Works - Zone i58/59 - Install Traffic Detector Loops and Cables (Nights)	4d	30-Mar-23	04-Apr-23	346d
DP-I58-TCS-1060	Signal Works - Zone i58/59 - Install Poles, Cables and Lanterns	4d	31-Mar-23	06-Apr-23	343d
DP-I58-TCS-1100	Signal Works - Zone i58/59 - Install TCS Cabinets	1d	17-Apr-23	17-Apr-23	343d
DP-I58-TCS-1120	Signal Works - Zone i58/59 - Install LRV Personality	1d	18-Apr-23	18-Apr-23	343d
Traction Power & Overhead Line		261d	21-Mar-23	31-May-24	115d
CSR Cabling		261d	21-Mar-23	31-May-24	115d
Structure-to-Track		1d	21-Mar-23	21-Mar-23	327d
DP-I58-BC-1120	Traction Power - Zone i58/i59/i60 - Bond and Test Structure to Rail	1d	21-Mar-23	21-Mar-23	327d
Track-to-Track		1d	21-Mar-23	21-Mar-23	327d
DP-I58-BC-1000	Traction Power - Zone i58/i59/i60 - Connect Bond to Studs	1d	21-Mar-23	21-Mar-23	327d
Pit-to-Pit		36d	30-Jan-24	08-Apr-24	151d
DP-I58-HC-1000	Traction Power - Zone i58/i59/i60 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out P	16d	30-Jan-24	24-Feb-24	151d
DP-I58-HC-1160	Traction Power - Zone i58/i59/i60 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	3d	26-Feb-24	29-Feb-24	168d
DP-I58-ST-1020	Traction Power - Zone i58/i59/i60 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	151d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-i58-ST-1040	Traction Power - Zone i58/i59/i60 - Stray Current (120mm2) & PUP Test Sites- Terminate & Test	3d	26-Mar-24	08-Apr-24	151d
Pit-to-OLE		12d	17-May-24	31-May-24	115d
DP-i58-HC-1100	Traction Power - Zone i58/59/60 - WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	17-May-24	25-May-24	115d
DP-i58-HC-1120	Traction Power - Zone i58/59/60 - WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	27-May-24	31-May-24	115d
Overhead Line		11d	29-Apr-24	16-May-24	83d
DP-i58-OH-1020	Traction Power - Zone i58/i59/i60 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	83d
DP-i58-OH-1040	Traction Power - Zone i58/i59/i60 - Overhead Wiring - Wire Run 4/5 & QA	4d	09-May-24	16-May-24	83d
Zone 1D (Ch 34,210 - 34,490) - 280m		479d	15-Jun-22	31-May-24	253d
Public Utilities Plant Works		147d	15-Jun-22	23-Jan-23	393d
DP-1D-MS-1000	PUP Works - Zone 1D - Conduits and Pipes Complete - Civil work to Commence	0d		10-Oct-22	89d
CoGC - Water		5d	15-Jun-22	20-Jun-22	155d
DP-1D-WT-1960	PUP Works - Zone 1D - (WA-100-031)	2d	15-Jun-22	16-Jun-22	158d
DP-1D-WT-1920	PUP Works - Zone 1D - (WA-100-029)	3d	15-Jun-22	17-Jun-22	155d
DP-1D-WT-1940	PUP Works - Zone 1D - (WA-100-030)	2d	18-Jun-22	20-Jun-22	155d
CoGC - Sewer		15d	29-Jun-22	20-Jul-22	43d
DP-1D-SW-1140	PUP Works - Zone 1D - Northbound GoldCoast Hwy - DN300 PE100 - Sewer Rising Main (SE-100-019) (Civil)	12d	29-Jun-22	15-Jul-22	25d
DP-1D-SW-1060	PUP Works - Zone 1D - Southbound Goldcoast Hwy from Montana - Sewer Pipe Reline (SE-100-017)	4d	12-Jul-22	18-Jul-22	28d
DP-1D-SW-1120	PUP Works - Zone 1D - Ocean St to Southbound Goldcoast Hwy - Sewer Pipe Reline (SE-100-023)	2d	19-Jul-22	20-Jul-22	43d
Energex		121d	21-Jul-22	23-Jan-23	393d
Pre-Works		1d	21-Jul-22	21-Jul-22	72d
DP-1D-EG-1170	PUP Works - Zone 1D - Energex to install tigertails	1d	21-Jul-22	21-Jul-22	72d
Conduits & Pits		56d	21-Jul-22	10-Oct-22	22d
DP-1D-EG-1000	PUP Works - Zone 1D- Gold Coast Hwy - Energex Xing (EL-100-022 / 024 / 026 / 032)	56d	21-Jul-22	10-Oct-22	22d
Energex Works		65d	11-Oct-22	23-Jan-23	393d
DP-1D-EG-2000	PUP Works - Zone 1D - Gold Coast Hwy - Notification to Energex	50d	11-Oct-22	19-Dec-22	393d
DP-1D-EG-2010	PUP Works - Zone 1D - Gold Coast Hwy - Energex Works & Cutover (EL-100-022 / 024 / 026 / 032 / 038)	15d	20-Dec-22	23-Jan-23	393d
APA Gas		39d	10-Aug-22	05-Oct-22	92d
Protect / Relocate		17d	10-Aug-22	01-Sep-22	60d
DP-1D-GA-1040	PUP Works - Zone 1D - FOOTPATH - Gas Relocation DN63 IN DN110 (GA-100-007)	17d	10-Aug-22	01-Sep-22	60d
Cutover		23d	02-Sep-22	05-Oct-22	92d
DP-1D-GA-1025	PUP Works - Zone 1D - FOOTPATH - D&C Contractor to Notify APA Gas	20d	02-Sep-22	29-Sep-22	92d
DP-1D-GA-1045	PUP Works - Zone 1D - FOOTPATH - APA Gas Cutover (GA-100-007)	3d	30-Sep-22	05-Oct-22	92d
Telstra		12d	05-Jul-22	20-Jul-22	126d
Relocate Conduits & Cable Pull		12d	05-Jul-22	20-Jul-22	126d
DP-1D-TLS-1210	PUP Works - Zone 1D - Trench & Relocate & Future Proofing (TE-100-029 / 401 / 246)	12d	05-Jul-22	20-Jul-22	126d
NBN		21d	21-Jul-22	19-Aug-22	126d
DP-1D-NB-1490	PUP Works - Zone 1D - Relocate NBN cable inside Telstra TE-100-016 (TE-100-029a / 30a)	21d	21-Jul-22	19-Aug-22	126d
Street Lighting Relocations		4d	11-Oct-22	14-Oct-22	163d
DP-1D-Stl-1000	Lighting Works - Zone 1D - Install Temporary Street Lighting	1d	11-Oct-22	11-Oct-22	163d
DP-1D-Stl-1020	Lighting Works - Zone 1D - Removal of Existing Lighting	3d	12-Oct-22	14-Oct-22	163d
Civil Works - Kerb and Shoulder Lanes		33d	11-Oct-22	24-Nov-22	118d
DP-1D-CW-1520	Civil Works - Zone 1D - Shift Traffic to Median Lanes Lanes	2d	11-Oct-22	12-Oct-22	89d
DP-1D-CW-1720	Civil Works - Zone 1D - Remove existing asphalt and subbase	3d	13-Oct-22	15-Oct-22	106d
DP-1D-CW-1480	Civil Works - Zone 1D - Replace kerb and channel at PUP crossings	0d	17-Oct-22	17-Oct-22	106d
DP-1D-CW-2120	Civil Works - Zone 1D - Prepare subgrade	7d	28-Oct-22	04-Nov-22	98d
DP-1D-CW-1620	Civil Works - Zone 1D - Place subbase and base course	3d	10-Nov-22	12-Nov-22	98d
DP-1D-CW-1420	Civil Works - Zone 1D - Place asphalt (Incl Prime and Seal)	7d	14-Nov-22	22-Nov-22	98d
DP-1D-CW-1500	Civil Works - Zone 1D - Shift Traffic to Kerb and Shoulder Lanes	2d	23-Nov-22	24-Nov-22	118d
Civil Works - Stormwater Drainage		47d	13-Oct-22	10-Jan-23	98d
Southbound		4d	13-Oct-22	17-Oct-22	98d
DP-1D-DR-1080	Drainage Works - Zone 1D - Gold Coast Hwy - DN375 Stormwater - Excav/Lay/Bfill (Southbound)	4d	13-Oct-22	17-Oct-22	98d
Northbound		7d	18-Oct-22	27-Oct-22	98d
DP-1D-DR-1020	Drainage Works - Zone 1D - Gold Coast Hwy - DN375 Stormwater - Excav/Lay/Bfill (Northbound)	7d	18-Oct-22	27-Oct-22	98d
Undertrack		17d	25-Nov-22	10-Jan-23	98d
DP-1D-DR-1000	Drainage Works - Zone 1D - Gold Coast Hwy - DN375 Stormwater - Excav/Lay/Bfill (Undertrack)	17d	25-Nov-22	10-Jan-23	98d
Civil Works - Rail Corridor		46d	24-Nov-22	27-Feb-23	98d
DP-1D-CW-1000	Civil Works - Zone 1D - Shift Traffic to Kerb and Shoulder Lanes	0d		24-Nov-22	98d
DP-1D-CW-1040	Civil Works - Zone 1D - Demo/Clear/Grub	1d	25-Nov-22	25-Nov-22	114d
DP-1D-CW-2100	Civil Works - Zone 1D - Profile central median and asphalt	3d	12-Jan-23	17-Jan-23	98d
DP-1D-CW-1100	Civil Works - Zone 1D - Bulk and Detail excavation	7d	19-Jan-23	28-Jan-23	98d
DP-1D-CW-1120	Civil Works - Zone 1D - Flooding and compact subgrade	5d	30-Jan-23	04-Feb-23	98d
DP-1D-CW-1140	Civil Works - Zone 1D - Install CSR conduits and Pits	4d	06-Feb-23	09-Feb-23	98d
DP-1D-CW-1160	Civil Works - Zone 1D - Place and Compact Type 2.1 Road base	4d	10-Feb-23	17-Feb-23	98d
DP-1D-CW-1360	Civil Works - Zone 1D - Final trim and survey	5d	18-Feb-23	25-Feb-23	98d
DP-1D-CW-1180	Civil Works - Zone 1D - Spray bitumen chip seal	1d	27-Feb-23	27-Feb-23	98d



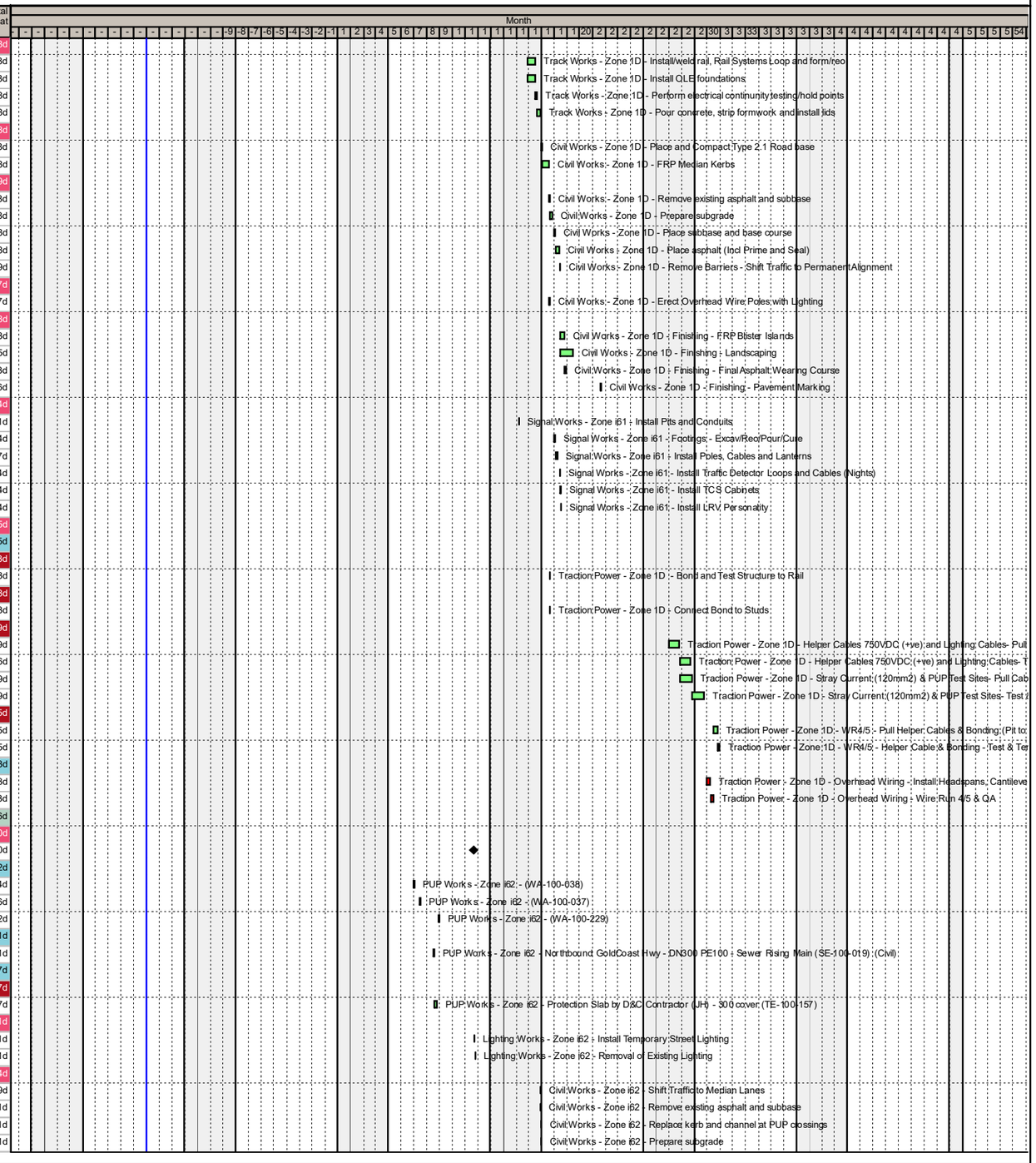
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Civil Works - Track		19d	28-Feb-23	30-Mar-23	98d
DP-1D-TW-1000	Track Works - Zone 1D - Install/weld rail, Rail Systems Loop and form/reo	10d	28-Feb-23	17-Mar-23	98d
DP-1D-TW-1020	Track Works - Zone 1D - Install OLE foundations	10d	28-Feb-23	17-Mar-23	98d
DP-1D-TW-1040	Track Works - Zone 1D - Perform electrical continunity testing/hold points	4d	18-Mar-23	22-Mar-23	98d
DP-1D-TW-1080	Track Works - Zone 1D - Pour concrete, strip formwork and install lids	7d	21-Mar-23	30-Mar-23	98d
Civil Works - Reinstate Track Verge		6d	31-Mar-23	18-Apr-23	98d
DP-1D-CW-1200	Civil Works - Zone 1D - Place and Compact Type 2.1 Road base	2d	31-Mar-23	03-Apr-23	98d
DP-1D-CW-1700	Civil Works - Zone 1D - FRP Median Kerbs	4d	04-Apr-23	18-Apr-23	98d
Civil Works - Central Lanes		17d	20-Apr-23	16-May-23	99d
DP-1D-CW-1820	Civil Works - Zone 1D - Remove existing asphalt and subbase	2d	20-Apr-23	21-Apr-23	98d
DP-1D-CW-1840	Civil Works - Zone 1D - Prepare subgrade	5d	22-Apr-23	28-Apr-23	98d
DP-1D-CW-1880	Civil Works - Zone 1D - Place subbase and base course	3d	02-May-23	04-May-23	98d
DP-1D-CW-1760	Civil Works - Zone 1D - Place asphalt (Incl Prime and Seal)	5d	05-May-23	13-May-23	98d
DP-1D-CW-1780	Civil Works - Zone 1D - Remove Barriers - Shift Traffic to Permanent Alignment	2d	15-May-23	16-May-23	99d
Civil Works - System Fitout		1d	20-Apr-23	20-Apr-23	307d
DP-1D-CW-1660	Civil Works - Zone 1D - Erect Overhead Wire Poles with Lighting	1d	20-Apr-23	20-Apr-23	307d
Civil Works - Finishing		69d	17-May-23	22-Aug-23	388d
DP-1D-CW-5000	Civil Works - Zone 1D - Finishing - FRP Blister Islands	7d	17-May-23	25-May-23	393d
DP-1D-CW-5060	Civil Works - Zone 1D - Finishing - Landscaping	22d	17-May-23	16-Jun-23	435d
DP-1D-CW-5020	Civil Works - Zone 1D - Finishing - Final Asphalt Wearing Course	3d	26-May-23	30-May-23	393d
DP-1D-CW-5040	Civil Works - Zone 1D - Finishing - Pavement Marking	2d	21-Aug-23	22-Aug-23	336d
Traffic Control Systems (TCS)		58d	06-Feb-23	18-May-23	324d
DP-I61-TCS-1000	Signal Works - Zone i61 - Install Pits and Conduits	1d	06-Feb-23	06-Feb-23	101d
DP-I61-TCS-1040	Signal Works - Zone i61 - Footings - Excav/Reo/Pour/Cure	3d	02-May-23	04-May-23	264d
DP-I61-TCS-1060	Signal Works - Zone i61 - Install Poles, Cables and Lanterns	2d	05-May-23	09-May-23	327d
DP-I61-TCS-1080	Signal Works - Zone i61 - Install Traffic Detector Loops and Cables (Nights)	2d	15-May-23	16-May-23	324d
DP-I61-TCS-1100	Signal Works - Zone i61 - Install TCS Cabinets	1d	17-May-23	17-May-23	324d
DP-I61-TCS-1120	Signal Works - Zone i61 - Install LRV Personality	1d	18-May-23	18-May-23	324d
Traction Power & Overhead Line		247d	21-Apr-23	31-May-24	115d
CSR Cabling		247d	21-Apr-23	31-May-24	115d
Structure-to-Track		1d	21-Apr-23	21-Apr-23	313d
DP-1D-BC-1140	Traction Power - Zone 1D - Bond and Test Structure to Rail	1d	21-Apr-23	21-Apr-23	313d
Track-to-Track		1d	21-Apr-23	21-Apr-23	313d
DP-1D-BC-1000	Traction Power - Zone 1D - Connect Bond to Studs	1d	21-Apr-23	21-Apr-23	313d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	139d
DP-1D-HC-1000	Traction Power - Zone 1D - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	139d
DP-1D-HC-1100	Traction Power - Zone 1D - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	156d
DP-1D-ST-1020	Traction Power - Zone 1D - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-1D-ST-1040	Traction Power - Zone 1D - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	139d
Pit-to-OLE		12d	17-May-24	31-May-24	115d
DP-1D-HC-1040	Traction Power - Zone 1D - WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	17-May-24	25-May-24	115d
DP-1D-HC-1060	Traction Power - Zone 1D - WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	27-May-24	31-May-24	115d
Overhead Line		11d	29-Apr-24	16-May-24	83d
DP-1D-OH-1020	Traction Power - Zone 1D - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	83d
DP-1D-OH-1040	Traction Power - Zone 1D - Overhead Wiring - Wire Run 4/5 & QA	4d	09-May-24	16-May-24	83d
Zone i62 Intersection - Med Term Closure - Venice St (Ch34,490 - 34,530) - 40m		489d	01-Jun-22	31-May-24	196d
Public Utilities Plant Works		101d	01-Jun-22	21-Oct-22	230d
DP-I62-MS-1000	PUP Works - Zone i62 - Conduits and Pipes Complete - Civil work to Commence	0d		21-Oct-22	230d
CoGC - Water		44d	01-Jun-22	01-Aug-22	262d
DP-i62-WT-1040	PUP Works - Zone i62 - (WA-100-038)	2d	01-Jun-22	02-Jun-22	304d
DP-i62-WT-1030	PUP Works - Zone i62 - (WA-100-037)	2d	15-Jun-22	16-Jun-22	296d
DP-i62-WT-1050	PUP Works - Zone i62 - (WA-100-229)	2d	29-Jul-22	01-Aug-22	262d
CoGC - Sewer		2d	18-Jul-22	19-Jul-22	51d
DP-i58-SW-1100	PUP Works - Zone i62 - Northbound GoldCoast Hwy - DN300 PE100 - Sewer Rising Main (SE-100-019) (Civil)	2d	18-Jul-22	19-Jul-22	51d
Telstra		5d	20-Jul-22	25-Jul-22	267d
Trench (D&C Contractor)		5d	20-Jul-22	25-Jul-22	267d
DP-I62-TLS-1280	PUP Works - Zone i62 - Protection Slab by D&C Contractor (JH) - 300 cover (TE-100-157)	5d	20-Jul-22	25-Jul-22	267d
Street Lighting Relocations		2d	24-Oct-22	25-Oct-22	241d
DP-I62-Stl-1000	Lighting Works - Zone i62 - Install Temporary Street Lighting	1d	24-Oct-22	24-Oct-22	241d
DP-I62-Stl-1020	Lighting Works - Zone i62 - Removal of Existing Lighting	1d	25-Oct-22	25-Oct-22	241d
Civil Works - Kerb and Shoulder Lanes		14d	29-Mar-23	19-Apr-23	124d
DP-I62-CW-1520	Civil Works - Zone i62 - Shift Traffic to Median Lanes	1d	29-Mar-23	29-Mar-23	129d
DP-I62-CW-1720	Civil Works - Zone i62 - Remove existing asphalt and subbase	1d	30-Mar-23	30-Mar-23	121d
DP-I62-CW-1480	Civil Works - Zone i62 - Replace kerb and channel at PUP crossings	0d	31-Mar-23	31-Mar-23	121d
DP-I62-CW-2120	Civil Works - Zone i62 - Prepare subgrade	1d	31-Mar-23	31-Mar-23	121d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I62-CW-1620	Civil Works - Zone i62 - Place subbase and base course	1d	03-Apr-23	03-Apr-23	121d
DP-I62-CW-1420	Civil Works - Zone i62 - Place asphalt (Incl Primer Seal)	4d	04-Apr-23	18-Apr-23	121d
DP-I62-CW-1500	Civil Works - Zone i62 - Shift Traffic to Kerb and Shoulder Lanes	1d	19-Apr-23	19-Apr-23	124d
Civil Works - Stormwater Drainage		13d	30-Mar-23	27-Apr-23	122d
Northbound		1d	30-Mar-23	30-Mar-23	121d
DP-I62-DR-1020	Drainage Works - Zone i62 - Venice St - DN375 Stormwater - Excav/Lay/Bfill (Northbound)(night)	1d	30-Mar-23	30-Mar-23	121d
Undertrack		6d	20-Apr-23	27-Apr-23	122d
DP-I62-DR-1000	Drainage Works - Zone i62 - Venice St - DN375 Stormwater - Excav/Lay/Bfill (Undertrack)	6d	20-Apr-23	27-Apr-23	122d
Civil Works - Rail Corridor		15d	20-Apr-23	13-May-23	122d
DP-I62-CW-1000	Civil Works - Zone i62 - Shift Traffic to Kerb and Shoulder Lanes	0d		20-Apr-23	122d
DP-I62-CW-1040	Civil Works - Zone i62 - Demo/Clear/Grub	1d	20-Apr-23	20-Apr-23	127d
DP-I62-CW-2100	Civil Works - Zone i62 - Profile central median and asphalt	1d	28-Apr-23	28-Apr-23	122d
DP-I62-CW-1100	Civil Works - Zone i62 - Bulk and Detail excavation	2d	02-May-23	03-May-23	122d
DP-I62-CW-1120	Civil Works - Zone i62 - Flooding and compact subgrade	1d	04-May-23	04-May-23	122d
DP-I62-CW-1140	Civil Works - Zone i62 - Install CSR conduits and Pits	1d	05-May-23	05-May-23	123d
DP-I62-CW-1160	Civil Works - Zone i62 - Place and Compact Type 2.1 Road base	1d	11-May-23	11-May-23	122d
DP-I62-CW-1360	Civil Works - Zone i62 - Final trim and survey	1d	12-May-23	12-May-23	122d
DP-I62-CW-1180	Civil Works - Zone i62 - Spray bitumen chip seal	1d	13-May-23	13-May-23	122d
Civil Works - Track		4d	15-May-23	18-May-23	122d
DP-I62-TW-1000	Track Works - Zone i62 - Install/weld rail, Rail Systems Loop and form/reo	1d	15-May-23	15-May-23	122d
DP-I62-TW-1020	Track Works - Zone i62 - Install OLE foundations	1d	15-May-23	15-May-23	122d
DP-I62-TW-1040	Track Works - Zone i62 - Perform electrical continunity testing/hold points	1d	16-May-23	16-May-23	122d
DP-I62-TW-1080	Track Works - Zone i62 - Pour concrete, strip formwork and install lids	2d	17-May-23	18-May-23	122d
Civil Works - Reinstate Track Verge		1d	19-May-23	19-May-23	122d
DP-I62-CW-1200	Civil Works - Zone i62 - Place and Compact Type 2.1 Road base	1d	19-May-23	19-May-23	122d
Civil Works - Central Lanes		8d	20-May-23	31-May-23	130d
DP-I62-CW-1820	Civil Works - Zone i62 - Remove existing asphalt and subbase	1d	20-May-23	20-May-23	122d
DP-I62-CW-1840	Civil Works - Zone i62 - Prepare Subgrade	1d	22-May-23	22-May-23	122d
DP-I62-CW-1880	Civil Works - Zone i62 - Place subbase and base course	1d	23-May-23	23-May-23	122d
DP-I62-CW-1760	Civil Works - Zone i62 - Place asphalt (Incl Primer Seal)	4d	25-May-23	30-May-23	122d
DP-I62-CW-1780	Civil Works - Zone i62 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	31-May-23	31-May-23	130d
Civil Works - System Fitout		1d	20-May-23	20-May-23	287d
DP-I62-CW-1660	Civil Works - Zone i62 - Erect Overhead Wire Poles with Lighting	1d	20-May-23	20-May-23	287d
Civil Works - Finishing		60d	01-Jun-23	24-Aug-23	336d
DP-I62-CW-5020	Civil Works - Zone i62 - Finishing - Final Asphalt Wearing Course	1d	01-Jun-23	01-Jun-23	393d
DP-I62-CW-5040	Civil Works - Zone i62 - Finishing - Pavement Marking	2d	23-Aug-23	24-Aug-23	336d
Traffic Control Systems (TCS)		23d	05-May-23	06-Jun-23	310d
DP-I62-TCS-1000	Signal Works - Zone i62 - Install Pits and Conduits	2d	05-May-23	09-May-23	122d
DP-I62-TCS-1040	Signal Works - Zone i62 - Footings - Excav/Reo/Pour/Cure	3d	23-May-23	26-May-23	240d
DP-I62-TCS-1060	Signal Works - Zone i62 - Install Poles, Cables and Lanterns	3d	29-May-23	31-May-23	310d
DP-I62-TCS-1080	Signal Works - Zone i62 - Install Traffic Detector Loops and Cables (Nights)	3d	01-Jun-23	03-Jun-23	310d
DP-I62-TCS-1100	Signal Works - Zone i62 - Install TCS Cabinets	1d	05-Jun-23	05-Jun-23	310d
DP-I62-TCS-1120	Signal Works - Zone i62 - Install LRV Personality	1d	06-Jun-23	06-Jun-23	310d
Traction Power & Overhead Line		227d	22-May-23	31-May-24	115d
CSR Cabling		227d	22-May-23	31-May-24	115d
Structure-to-Track		1d	22-May-23	22-May-23	293d
DP-I62-BC-1200	Traction Power - Zone i62 - Bond and Test Structure to Rail	1d	22-May-23	22-May-23	293d
Track-to-Track		1d	22-May-23	22-May-23	293d
DP-I62-BC-1000	Traction Power - Zone i62 - Connect Bond to Studs	1d	22-May-23	22-May-23	293d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	139d
DP-I62-HC-1000	Traction Power - Zone i62 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	139d
DP-I62-HC-1020	Traction Power - Zone i62 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	156d
DP-I62-ST-1020	Traction Power - Zone i62 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-I62-ST-1040	Traction Power - Zone i62 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	139d
Pit-to-OLE		12d	17-May-24	31-May-24	115d
DP-I62-HC-1240	Traction Power - Zone i62 - WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	17-May-24	25-May-24	89d
DP-I62-HC-1260	Traction Power - Zone i62 - WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	27-May-24	31-May-24	115d
Overhead Line		11d	29-Apr-24	16-May-24	83d
DP-I62-OH-1020	Traction Power - Zone i62 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	83d
DP-I62-OH-1040	Traction Power - Zone i62 - Overhead Wiring - Wire Run 4/5 & QA	4d	09-May-24	16-May-24	83d
Zone 1E (Ch 34,530 - 34,858) - 328m		622d	01-Jun-22	06-Dec-24	120d
Public Utilities Plant Works		247d	01-Jun-22	05-Jun-23	302d
DP-1E-MS-1000	PUP Works - Zone 1E - Conduits and Pipes Complete - Civil work to Commence	0d		28-Feb-23	150d
CoGC - Water		63d	01-Jun-22	30-Aug-22	244d
Water Scope		53d	16-Jun-22	29-Aug-22	137d



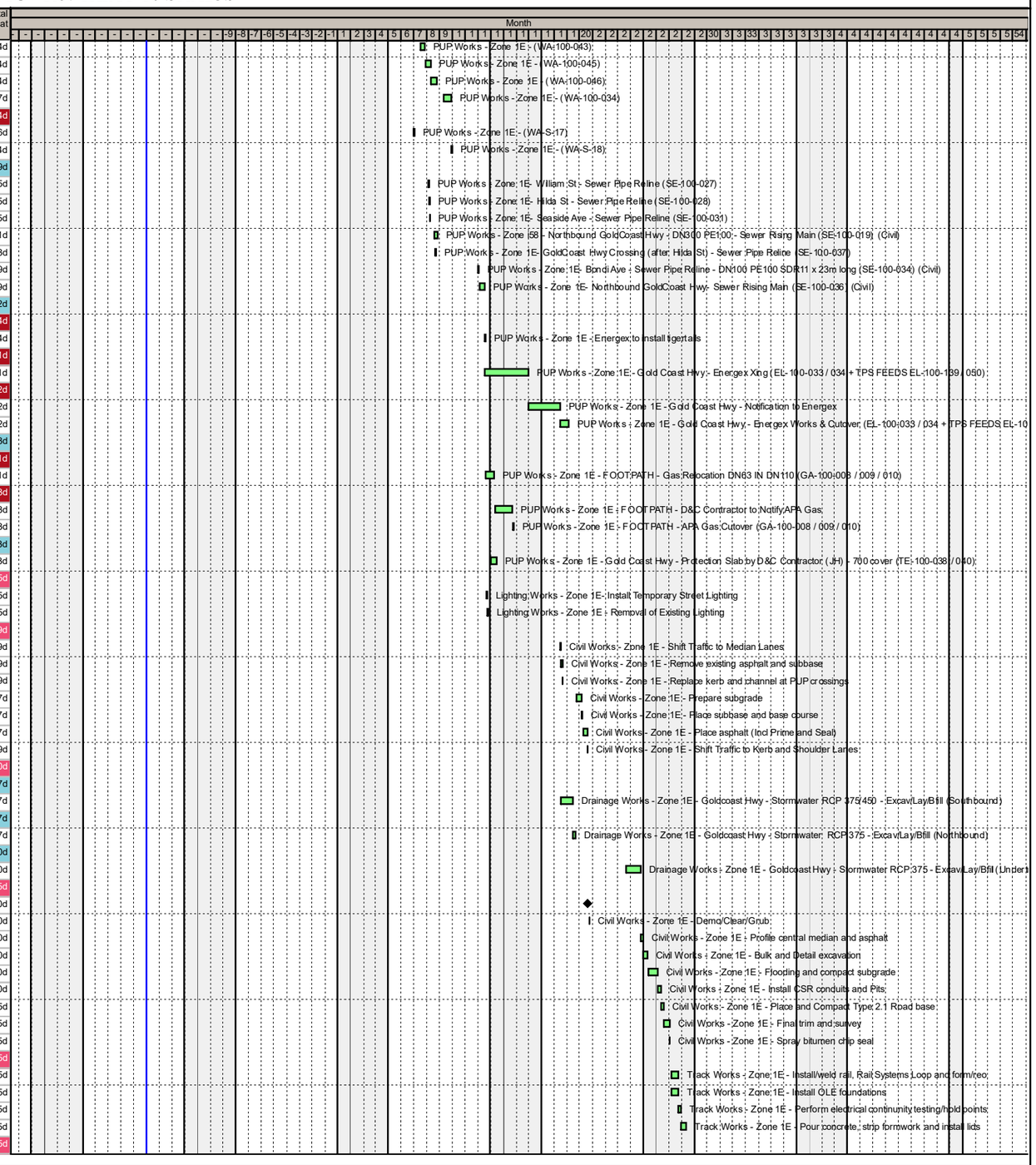
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1E-WT-1720	PUP Works - Zone 1E - (WA-100-043)	10d	16-Jun-22	27-Jun-22	134d
DP-1E-WT-1760	PUP Works - Zone 1E - (WA-100-045)	10d	28-Jun-22	11-Jul-22	134d
DP-1E-WT-1780	PUP Works - Zone 1E - (WA-100-046)	10d	12-Jul-22	25-Jul-22	134d
DP-1E-WT-1700	PUP Works - Zone 1E - (WA-100-034)	13d	11-Aug-22	29-Aug-22	137d
Service Connections		63d	01-Jun-22	30-Aug-22	244d
DP-1E-WT-S017	PUP Works - Zone 1E - (WA-S-17)	1d	01-Jun-22	01-Jun-22	306d
DP-1E-WT-S018	PUP Works - Zone 1E - (WA-S-18)	1d	30-Aug-22	30-Aug-22	244d
CoGC - Sewer		93d	05-Jul-22	17-Nov-22	19d
DP-1E-SW-1160	PUP Works - Zone 1E- William St - Sewer Pipe Reline (SE-100-027)	2d	05-Jul-22	06-Jul-22	75d
DP-1E-SW-1180	PUP Works - Zone 1E- Hilda St - Sewer Pipe Reline (SE-100-028)	2d	07-Jul-22	08-Jul-22	75d
DP-1E-SW-1220	PUP Works - Zone 1E- Seaside Ave - Sewer Pipe Reline (SE-100-031)	1d	09-Jul-22	09-Jul-22	75d
DP-I58-SW-1120	PUP Works - Zone I58 - Northbound GoldCoast Hwy - DN300 PE100 - Sewer Rising Main (SE-100-019) (Civil)	7d	20-Jul-22	27-Jul-22	51d
DP-1E-SW-1100	PUP Works - Zone 1E- GoldCoast Hwy Crossing (after Hilda St) - Sewer Pipe Reline (SE-100-037)	3d	21-Jul-22	23-Jul-22	43d
DP-1E-SW-1240	PUP Works - Zone 1E- Bondi Ave - Sewer Pipe Reline - DN100 PE100 SDR11 x 23m long (SE-100-034) (Civil)	4d	31-Oct-22	03-Nov-22	19d
DP-1E-SW-1120	PUP Works - Zone 1E- Northbound GoldCoast Hwy- Sewer Rising Main (SE-100-036) (Civil)	7d	04-Nov-22	17-Nov-22	19d
Energex		127d	18-Nov-22	05-Jun-23	302d
Pre-Works		1d	18-Nov-22	18-Nov-22	74d
DP-1E-EG-1190	PUP Works - Zone 1E - Energex to install tigertails	1d	18-Nov-22	18-Nov-22	74d
Conduits & Pits		53d	18-Nov-22	28-Feb-23	61d
DP-1E-EG-1000	PUP Works - Zone 1E - Gold Coast Hwy - Energex Xing (EL-100-033 / 034 + TPS FEEDS EL-100-139 / 050)	53d	18-Nov-22	28-Feb-23	61d
Energex Works		65d	01-Mar-23	05-Jun-23	302d
DP-1E-EG-2000	PUP Works - Zone 1E - Gold Coast Hwy - Notification to Energex	50d	01-Mar-23	15-May-23	302d
DP-1E-EG-2010	PUP Works - Zone 1E - Gold Coast Hwy - Energex Works & Cutover (EL-100-033 / 034 + TPS FEEDS EL-10(	15d	16-May-23	05-Jun-23	302d
APA Gas		38d	19-Nov-22	25-Jan-23	173d
Protect/Relocate		13d	19-Nov-22	10-Dec-22	61d
DP-1E-GA-1060	PUP Works - Zone 1E - FOOTPATH - Gas Relocation DN63 IN DN110 (GA-100-008 / 009 / 010)	13d	19-Nov-22	10-Dec-22	61d
Cutover		23d	12-Dec-22	25-Jan-23	173d
DP-1E-GA-1065	PUP Works - Zone 1E - FOOTPATH - D&C Contractor to Notify APA Gas	20d	12-Dec-22	20-Jan-23	173d
DP-1E-GA-1085	PUP Works - Zone 1E - FOOTPATH - APA Gas Cutover (GA-100-008 / 009 / 010)	3d	23-Jan-23	25-Jan-23	173d
Telstra		11d	01-Dec-22	16-Dec-22	173d
DP-1E-TLS-1160	PUP Works - Zone 1E - Gold Coast Hwy - Protection Slab by D&C Contractor (JH) - 700 cover (TE-100-038 / (	11d	01-Dec-22	16-Dec-22	173d
Street Lighting Relocations		5d	21-Nov-22	25-Nov-22	195d
DP-1E-Stl-1000	Lighting Works - Zone 1E- Install Temporary Street Lighting	2d	21-Nov-22	22-Nov-22	195d
DP-1E-Stl-1020	Lighting Works - Zone 1E - Removal of Existing Lighting	3d	23-Nov-22	25-Nov-22	195d
Civil Works - Kerb and Shoulder Lanes		48d	17-May-23	21-Jul-23	109d
DP-1E-CW-1520	Civil Works - Zone 1E - Shift Traffic to Median Lanes	2d	17-May-23	18-May-23	99d
DP-1E-CW-1720	Civil Works - Zone 1E - Remove existing asphalt and subbase	3d	19-May-23	22-May-23	119d
DP-1E-CW-1480	Civil Works - Zone 1E - Replace kerb and channel at PUP crossings	0d	23-May-23	23-May-23	119d
DP-1E-CW-2120	Civil Works - Zone 1E - Prepare subgrade	8d	23-Jun-23	05-Jul-23	97d
DP-1E-CW-1620	Civil Works - Zone 1E - Place subbase and base course	3d	06-Jul-23	08-Jul-23	97d
DP-1E-CW-1420	Civil Works - Zone 1E - Place asphalt (Incl Prime and Seal)	8d	10-Jul-23	19-Jul-23	97d
DP-1E-CW-1500	Civil Works - Zone 1E - Shift Traffic to Kerb and Shoulder Lanes	2d	20-Jul-23	21-Jul-23	109d
Civil Works - Stormwater Drainage		127d	19-May-23	23-Nov-23	40d
Southbound		19d	19-May-23	15-Jun-23	97d
DP-1E-DR-1000	Drainage Works - Zone 1E - Goldcoast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (Southbound)	19d	19-May-23	15-Jun-23	97d
Northbound		6d	16-Jun-23	22-Jun-23	97d
DP-1E-DR-1020	Drainage Works - Zone 1E - Goldcoast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (Northbound)	6d	16-Jun-23	22-Jun-23	97d
Undertrack		21d	20-Oct-23	23-Nov-23	40d
DP-1E-DR-1060	Drainage Works - Zone 1E - Goldcoast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (Undertrack)	21d	20-Oct-23	23-Nov-23	40d
Civil Works - Rail Corridor		114d	21-Jul-23	02-Feb-24	45d
DP-1E-CW-1000	Civil Works - Zone 1E - Shift Traffic to Kerb and Shoulder Lanes	0d		21-Jul-23	100d
DP-1E-CW-1040	Civil Works - Zone 1E - Demo/Clear/Grub	1d	24-Jul-23	24-Jul-23	120d
DP-1E-CW-2100	Civil Works - Zone 1E - Profile central median and asphalt	3d	24-Nov-23	30-Nov-23	40d
DP-1E-CW-1100	Civil Works - Zone 1E - Bulk and Detail excavation	8d	01-Dec-23	11-Dec-23	40d
DP-1E-CW-1120	Civil Works - Zone 1E - Flooding and compact subgrade	6d	12-Dec-23	04-Jan-24	40d
DP-1E-CW-1140	Civil Works - Zone 1E - Install CSR conduits and Pits	4d	05-Jan-24	11-Jan-24	40d
DP-1E-CW-1160	Civil Works - Zone 1E - Place and Compact Type 2.1 Road base	5d	12-Jan-24	18-Jan-24	45d
DP-1E-CW-1360	Civil Works - Zone 1E - Final trim and survey	6d	19-Jan-24	01-Feb-24	45d
DP-1E-CW-1180	Civil Works - Zone 1E - Spray bitumen chip seal	1d	02-Feb-24	02-Feb-24	45d
Civil Works - Track		23d	05-Feb-24	12-Mar-24	45d
DP-1E-TW-1000	Track Works - Zone 1E - Install/weld rail, Rail Systems Loop and form/reo	11d	05-Feb-24	22-Feb-24	45d
DP-1E-TW-1020	Track Works - Zone 1E - Install OLE foundations	11d	05-Feb-24	22-Feb-24	45d
DP-1E-TW-1040	Track Works - Zone 1E - Perform electrical continunity testing/hold points	4d	23-Feb-24	27-Feb-24	45d
DP-1E-TW-1080	Track Works - Zone 1E - Pour concrete, strip formwork and install lids	8d	29-Feb-24	12-Mar-24	45d
Civil Works - Reinstate Track Verge		8d	13-Mar-24	26-Mar-24	45d



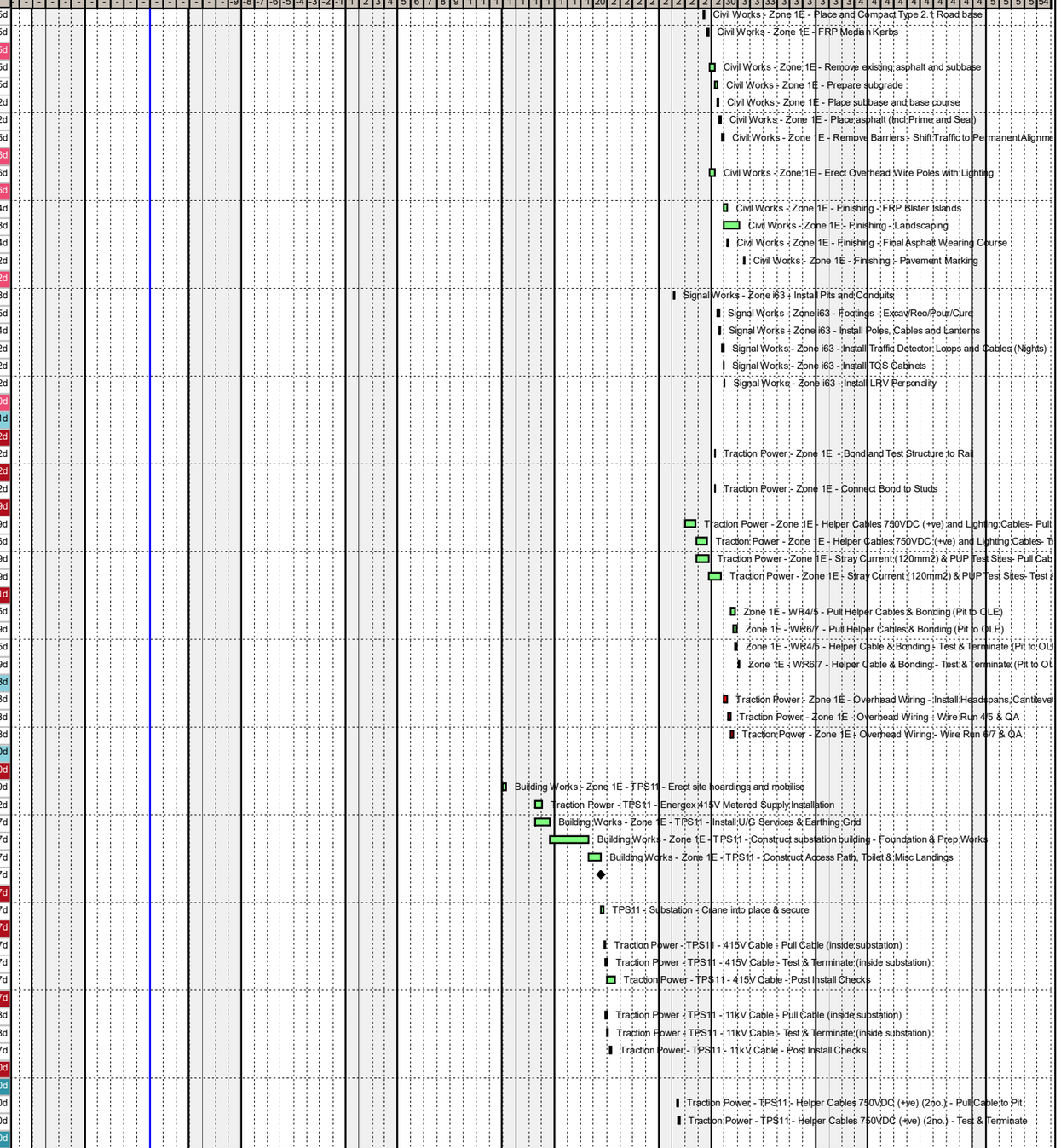
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Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1E-CW-1200	Civil Works - Zone 1E - Place and Compact Type 2.1 Road base	3d	13-Mar-24	15-Mar-24	45d
DP-1E-CW-1700	Civil Works - Zone 1E - FRP Median Kerbs	5d	21-Mar-24	26-Mar-24	45d
Civil Works - Central Lanes		20d	28-Mar-24	29-Apr-24	235d
DP-1E-CW-1820	Civil Works - Zone 1E - Remove existing asphalt and subbase	2d	28-Mar-24	08-Apr-24	45d
DP-1E-CW-1840	Civil Works - Zone 1E - Prepare subgrade	5d	09-Apr-24	15-Apr-24	45d
DP-1E-CW-1880	Civil Works - Zone 1E - Place subbase and base course	2d	16-Apr-24	18-Apr-24	112d
DP-1E-CW-1760	Civil Works - Zone 1E - Place asphalt (Incl Prime and Seal)	5d	19-Apr-24	24-Apr-24	112d
DP-1E-CW-1780	Civil Works - Zone 1E - Remove Barriers - Shift Traffic to Permanent Alignment	2d	26-Apr-24	29-Apr-24	235d
Civil Works - System Fitout		2d	28-Mar-24	08-Apr-24	96d
DP-1E-CW-1660	Civil Works - Zone 1E - Erect Overhead Wire Poles with Lighting	2d	28-Mar-24	08-Apr-24	96d
Civil Works - Finishing		32d	30-Apr-24	17-Jun-24	216d
DP-1E-CW-5000	Civil Works - Zone 1E - Finishing - FRP Blister Islands	5d	30-Apr-24	07-May-24	214d
DP-1E-CW-5060	Civil Works - Zone 1E - Finishing - Landscaping	25d	30-Apr-24	05-Jun-24	223d
DP-1E-CW-5020	Civil Works - Zone 1E - Finishing - Final Asphalt Wearing Course	3d	08-May-24	10-May-24	214d
DP-1E-CW-5040	Civil Works - Zone 1E - Finishing - Pavement Marking	2d	15-Jun-24	17-Jun-24	192d
Traffic Control Systems (TCS)		65d	05-Jan-24	01-May-24	112d
DP-I63-TCS-1000	Signal Works - Zone i63 - Install Pits and Conduits	1d	05-Jan-24	05-Jan-24	48d
DP-I63-TCS-1040	Signal Works - Zone i63 - Footings - Excav/Reo/Pour/Cure	3d	16-Apr-24	19-Apr-24	45d
DP-I63-TCS-1060	Signal Works - Zone i63 - Install Poles, Cables and Lanterns	2d	20-Apr-24	22-Apr-24	114d
DP-I63-TCS-1080	Signal Works - Zone i63 - Install Traffic Detector Loops and Cables (Nights)	2d	26-Apr-24	29-Apr-24	112d
DP-I63-TCS-1100	Signal Works - Zone i63 - Install TCS Cabinets	1d	30-Apr-24	30-Apr-24	112d
DP-I63-TCS-1120	Signal Works - Zone i63 - Install LRV Personality	1d	01-May-24	01-May-24	112d
Traction Power & Overhead Line		492d	02-Dec-22	06-Dec-24	0d
CSR Cabling		76d	30-Jan-24	06-Jun-24	111d
Structure-to-Track		1d	09-Apr-24	09-Apr-24	102d
DP-1E-BC-1180	Traction Power - Zone 1E - Bond and Test Structure to Rail	1d	09-Apr-24	09-Apr-24	102d
Track-to-Track		1d	09-Apr-24	09-Apr-24	102d
DP-1E-BC-1000	Traction Power - Zone 1E - Connect Bond to Studs	1d	09-Apr-24	09-Apr-24	102d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	139d
DP-1E-HC-1020	Traction Power - Zone 1E - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	139d
DP-1E-HC-1220	Traction Power - Zone 1E - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	156d
DP-1E-ST-1060	Traction Power - Zone 1E - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-1E-ST-1080	Traction Power - Zone 1E - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	139d
Pit-to-OLE		16d	17-May-24	06-Jun-24	111d
DP-1E-HC-1160	Zone 1E - WR4/5 - Pull Helper Cables & Bonding (Pit to OLE)	8d	17-May-24	25-May-24	115d
DP-1E-HC-1240	Zone 1E - WR6/7 - Pull Helper Cables & Bonding (Pit to OLE)	8d	22-May-24	31-May-24	109d
DP-1E-HC-1180	Zone 1E - WR4/5 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	27-May-24	31-May-24	115d
DP-1E-HC-1260	Zone 1E - WR6/7 - Helper Cable & Bonding - Test & Terminate (Pit to OLE)	4d	03-Jun-24	06-Jun-24	109d
Overhead Line		15d	29-Apr-24	21-May-24	83d
DP-1E-OH-1020	Traction Power - Zone 1E - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	83d
DP-1E-OH-1040	Traction Power - Zone 1E - Overhead Wiring - Wire Run 4/5 & QA	4d	09-May-24	16-May-24	83d
DP-1E-OH-1030	Traction Power - Zone 1E - Overhead Wiring - Wire Run 6/7 & QA	4d	17-May-24	21-May-24	83d
TPS11 - Annette Kellerman Park (Ch 34,820)		492d	02-Dec-22	06-Dec-24	0d
TPS11 Structure (Ch 36,700)		148d	02-Dec-22	19-Jul-23	70d
DP-1E-BW-1960	Building Works - Zone 1E - TPS11 - Erect site hoardings and mobilise	5d	02-Dec-22	09-Dec-22	69d
DP-1E-SS-2260	Traction Power - TPS11 - Energex 415V Metered Supply Installation	11d	16-Feb-23	03-Mar-23	152d
DP-1E-BW-1980	Building Works - Zone 1E - TPS11 - Install U/G Services & Earthing Grid	21d	16-Feb-23	21-Mar-23	57d
DP-1E-BW-2000	Building Works - Zone 1E - TPS11 - Construct substation building - Foundation & Prep Works	53d	22-Mar-23	19-Jun-23	57d
DP-1E-BW-2020	Building Works - Zone 1E - TPS11 - Construct Access Path, Toilet & Misc Landings	21d	20-Jun-23	18-Jul-23	57d
DP-1E-SS-1000	TPS11 - Civil handover - Substation foundation	0d	19-Jul-23		57d
TPS11 Substation		5d	19-Jul-23	25-Jul-23	57d
DP-1E-SS-1020	TPS11 - Substation - Crane into place & secure	5d	19-Jul-23	25-Jul-23	57d
LV Cabling (415V)		17d	26-Jul-23	19-Aug-23	57d
DP-1E-SS-1520	Traction Power - TPS11 - 415V Cable - Pull Cable (inside substation)	3d	26-Jul-23	28-Jul-23	57d
DP-1E-SS-1580	Traction Power - TPS11 - 415V Cable - Test & Terminate (inside substation)	3d	29-Jul-23	01-Aug-23	57d
DP-1E-SS-2280	Traction Power - TPS11 - 415V Cable - Post Install Checks	11d	02-Aug-23	19-Aug-23	57d
HV Cabling (11kV)		11d	29-Jul-23	11-Aug-23	177d
DP-1E-SS-1600	Traction Power - TPS11 - 11kV Cable - Pull Cable (inside substation)	3d	29-Jul-23	01-Aug-23	133d
DP-1E-SS-1620	Traction Power - TPS11 - 11kV Cable - Test & Terminate (inside substation)	3d	02-Aug-23	04-Aug-23	133d
DP-1E-SS-2220	Traction Power - TPS11 - 11kV Cable - Post Install Checks	5d	07-Aug-23	11-Aug-23	177d
Traction Cabling		16d	12-Jan-24	09-Feb-24	40d
750VDC (+ve)		5d	12-Jan-24	18-Jan-24	40d
DP-1E-SS-1680	Traction Power - TPS11 - Helper Cables 750VDC (+ve) (2no.) - Pull Cable to Pit	2d	12-Jan-24	13-Jan-24	40d
DP-1E-SS-1700	Traction Power - TPS11 - Helper Cables 750VDC (+ve) (2no.) - Test & Terminate	3d	15-Jan-24	18-Jan-24	40d
750VDC (-ve)		11d	19-Jan-24	09-Feb-24	40d



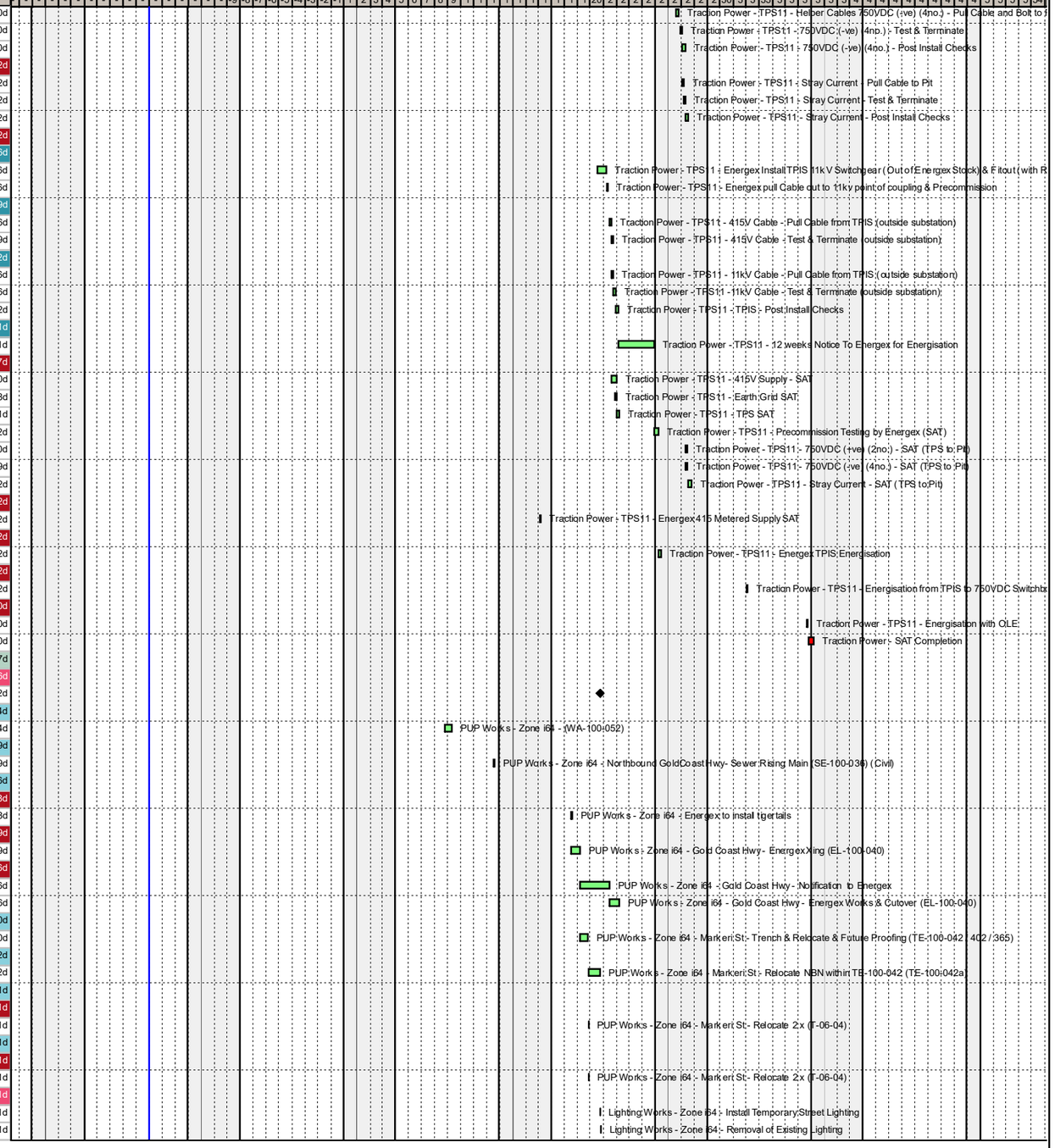
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1E-SS-1720	Traction Power - TPS11 - Helper Cables 750VDC (-ve) (4no.) - Pull Cable and Bolt to Rail	3d	19-Jan-24	25-Jan-24	40d
DP-1E-SS-1740	Traction Power - TPS11 - 750VDC (-ve) (4no.) - Test & Terminate	3d	29-Jan-24	01-Feb-24	40d
DP-1E-SS-2200	Traction Power - TPS11 - 750VDC (-ve) (4no.) - Post Install Checks	5d	02-Feb-24	09-Feb-24	40d
Stray Current Cabling		10d	02-Feb-24	15-Feb-24	172d
DP-1E-SS-2000	Traction Power - TPS11 - Stray Current - Pull Cable to Pit	2d	02-Feb-24	05-Feb-24	172d
DP-1E-SS-2020	Traction Power - TPS11 - Stray Current - Test & Terminate	3d	06-Feb-24	09-Feb-24	172d
DP-1E-SS-2180	Traction Power - TPS11 - Stray Current - Post Install Checks	5d	10-Feb-24	15-Feb-24	172d
Energex		93d	19-Jul-23	28-Nov-23	62d
TPIS Install		19d	19-Jul-23	11-Aug-23	66d
DP-1E-SS-1540	Traction Power - TPS11 - Energex Install TPIS 11kV Switchgear (Out of Energex Stock) & Fitout (with RMU)	16d	19-Jul-23	08-Aug-23	66d
DP-1E-SS-1640	Traction Power - TPS11 - Energex pull Cable out to 11kv point of coupling & Precommission	3d	09-Aug-23	11-Aug-23	66d
LV Cabling (415V)		6d	17-Aug-23	23-Aug-23	69d
DP-1E-SS-1900	Traction Power - TPS11 - 415V Cable - Pull Cable from TPIS (outside substation)	3d	17-Aug-23	19-Aug-23	66d
DP-1E-SS-1920	Traction Power - TPS11 - 415V Cable - Test & Terminate (outside substation)	3d	21-Aug-23	23-Aug-23	69d
HV Cabling (11kV)		11d	21-Aug-23	05-Sep-23	72d
DP-1E-SS-1940	Traction Power - TPS11 - 11kV Cable - Pull Cable from TPIS (outside substation)	3d	21-Aug-23	23-Aug-23	66d
DP-1E-SS-1960	Traction Power - TPS11 -11kV Cable - Test & Terminate (outside substation)	3d	24-Aug-23	29-Aug-23	66d
DP-1E-SS-1980	Traction Power - TPS11 - TPIS - Post Install Checks	5d	30-Aug-23	05-Sep-23	72d
Energex Notification for Energisation		84d	06-Sep-23	28-Nov-23	101d
DP-1E-SS-2320	Traction Power - TPS11 - 12 weeks Notice To Energex for Energisation	84d	06-Sep-23	28-Nov-23	101d
SAT		122d	21-Aug-23	23-Feb-24	187d
DP-1E-SS-1780	Traction Power - TPS11 - 415V Supply - SAT	8d	21-Aug-23	31-Aug-23	60d
DP-1E-SS-2300	Traction Power - TPS11 - Earth Grid SAT	3d	29-Aug-23	31-Aug-23	298d
DP-1E-SS-1800	Traction Power - TPS11 - TPS SAT	6d	01-Sep-23	08-Sep-23	191d
DP-1E-SS-1660	Traction Power - TPS11 - Precommission Testing by Energex (SAT)	8d	29-Nov-23	08-Dec-23	52d
DP-1E-SS-1820	Traction Power - TPS11 - 750VDC (+ve) (2no.) - SAT (TPS to Pit)	3d	10-Feb-24	13-Feb-24	40d
DP-1E-SS-1840	Traction Power - TPS11 - 750VDC (-ve) (4no.) - SAT (TPS to Pit)	3d	10-Feb-24	13-Feb-24	79d
DP-1E-SS-2080	Traction Power - TPS11 - Stray Current - SAT (TPS to Pit)	3d	16-Feb-24	23-Feb-24	172d
Energex 415V Metered Supply SAT		1d	06-Mar-23	06-Mar-23	162d
DP-1E-SS-2140	Traction Power - TPS11 - Energex 415 Metered Supply SAT	1d	06-Mar-23	06-Mar-23	162d
TPIS Energisation		4d	09-Dec-23	14-Dec-23	52d
DP-1E-SS-2100	Traction Power - TPS11 - Energex TPIS Energisation	4d	09-Dec-23	14-Dec-23	52d
Energisation from TPIS to 750VDC		3d	02-Jul-24	04-Jul-24	92d
DP-1E-SS-2120	Traction Power - TPS11 - Energisation from TPIS to 750VDC Switchboard	3d	02-Jul-24	04-Jul-24	92d
Energisation with OLE		12d	21-Nov-24	06-Dec-24	0d
DP-1E-SS-2060	Traction Power - TPS11 - Energisation with OLE	2d	21-Nov-24	22-Nov-24	0d
DP-1E-SS-2160	Traction Power - SAT Completion	10d	25-Nov-24	06-Dec-24	0d
Zone i64 Intersection - Staged - Markeri St (Ch 34,858 - 34,912) - 54m		475d	26-Jul-22	05-Jul-24	217d
Public Utilities Plant Works		275d	26-Jul-22	07-Sep-23	236d
DP-I64-MS-1000	PUP Works - Zone i64 - Conduits and Pipes Complete - Civil work to Commence	0d		24-Jul-23	92d
CoGC - Water		10d	26-Jul-22	10-Aug-22	134d
DP-i64-WT-1000	PUP Works - Zone i64 - (WA-100-052)	10d	26-Jul-22	10-Aug-22	134d
CoGC - Sewer		2d	18-Nov-22	19-Nov-22	19d
DP-1E-SW-1121	PUP Works - Zone i64 - Northbound GoldCoast Hwy- Sewer Rising Main (SE-100-036) (Civil)	2d	18-Nov-22	19-Nov-22	19d
Energex		79d	19-May-23	07-Sep-23	236d
Pre-Works		1d	19-May-23	19-May-23	138d
DP-I64-EG-1390	PUP Works - Zone i64 - Energex to install tigertails	1d	19-May-23	19-May-23	138d
Conduits & Pits		15d	19-May-23	07-Jun-23	89d
DP-I64-EG-1000	PUP Works - Zone i64 - Gold Coast Hwy - Energex Xing (EL-100-040)	15d	19-May-23	07-Jun-23	89d
Energex Works		65d	08-Jun-23	07-Sep-23	236d
DP-I64-EG-2000	PUP Works - Zone i64 - Gold Coast Hwy - Notification to Energex	50d	08-Jun-23	16-Aug-23	236d
DP-I64-EG-2010	PUP Works - Zone i64 - Gold Coast Hwy - Energex Works & Cutover (EL-100-040)	15d	17-Aug-23	07-Sep-23	236d
Telstra		12d	08-Jun-23	26-Jun-23	90d
DP-I64-TLS-1000	PUP Works - Zone i64 - Markeri St - Trench & Relocate & Future Proofing (TE-100-042 / 402 / 365)	12d	08-Jun-23	26-Jun-23	90d
NBN		20d	27-Jun-23	24-Jul-23	92d
DP-I64-NB-01180	PUP Works - Zone i64 - Markeri St - Relocate NBN within TE-100-042 (TE-100-042a)	20d	27-Jun-23	24-Jul-23	92d
OPTUS		1d	27-Jun-23	27-Jun-23	111d
Relocate Conduits & Cable Pull		1d	27-Jun-23	27-Jun-23	111d
DP-I64-OP-01180	PUP Works - Zone i64 - Markeri St - Relocate 2 x (T-06-04)	1d	27-Jun-23	27-Jun-23	111d
TPG		1d	27-Jun-23	27-Jun-23	111d
Relocate Conduits & Cable Pull		1d	27-Jun-23	27-Jun-23	111d
DP-I64-TP-01180	PUP Works - Zone i64 - Markeri St - Relocate 2 x (T-06-04)	1d	27-Jun-23	27-Jun-23	111d
Street Lighting Relocations		2d	25-Jul-23	26-Jul-23	171d
DP-I64-Stl-1000	Lighting Works - Zone i64 - Install Temporary Street Lighting	1d	25-Jul-23	25-Jul-23	171d
DP-I64-Stl-1020	Lighting Works - Zone i64 - Removal of Existing Lighting	1d	26-Jul-23	26-Jul-23	171d



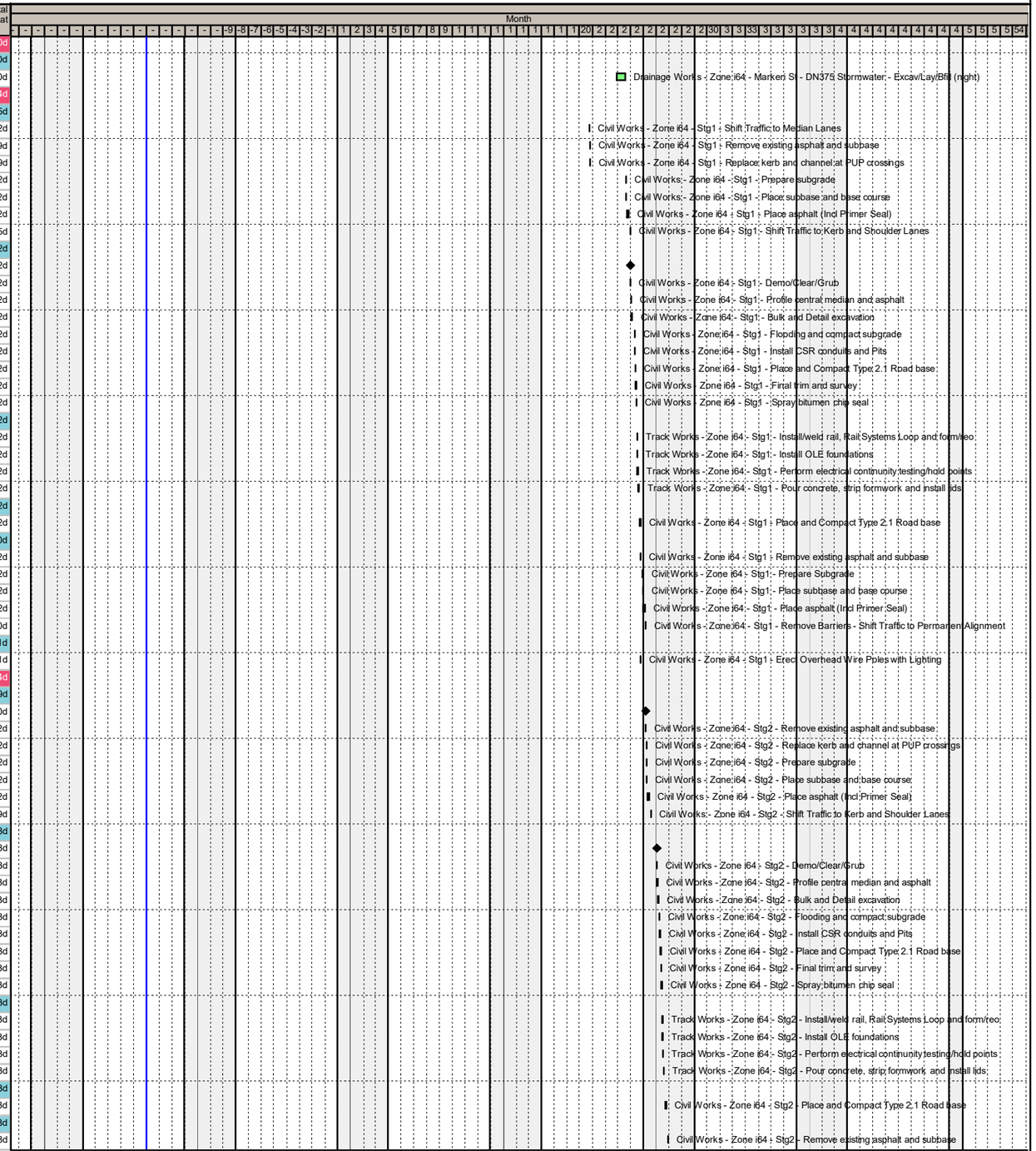
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Civil Works - Stormwater Drainage		13d	29-Sep-23	19-Oct-23	40d
Southbound		13d	29-Sep-23	19-Oct-23	40d
DP-I64-DR-1000	Drainage Works - Zone i64 - Markeri St - DN375 Stormwater - Excav/Lay/Bfill (night)	13d	29-Sep-23	19-Oct-23	40d
Stage 1		95d	25-Jul-23	06-Dec-23	174d
Civil Works - Kerb and Shoulder Lanes		68d	25-Jul-23	30-Oct-23	105d
DP-I64-CW-1520	Civil Works - Zone i64 - Stg1 - Shift Traffic to Median Lanes	1d	25-Jul-23	25-Jul-23	92d
DP-I64-CW-1720	Civil Works - Zone i64 - Stg1 - Remove existing asphalt and subbase	1d	26-Jul-23	26-Jul-23	139d
DP-I64-CW-1480	Civil Works - Zone i64 - Stg1 - Replace kerb and channel at PUP crossings	0d	27-Jul-23	27-Jul-23	139d
DP-I64-CW-2120	Civil Works - Zone i64 - Stg1 - Prepare subgrade	1d	20-Oct-23	20-Oct-23	82d
DP-I64-CW-1620	Civil Works - Zone i64 - Stg1 - Place subbase and base course	1d	21-Oct-23	21-Oct-23	82d
DP-I64-CW-1420	Civil Works - Zone i64 - Stg1 - Place asphalt (Incl Primer Seal)	4d	23-Oct-23	27-Oct-23	82d
DP-I64-CW-1500	Civil Works - Zone i64 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	1d	30-Oct-23	30-Oct-23	105d
Civil Works - Rail Corridor		9d	30-Oct-23	14-Nov-23	82d
DP-I64-CW-1000	Civil Works - Zone i64 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	0d		30-Oct-23	82d
DP-I64-CW-1040	Civil Works - Zone i64 - Stg1 - Demo/Clear/Grub	1d	31-Oct-23	31-Oct-23	82d
DP-I64-CW-2100	Civil Works - Zone i64 - Stg1 - Profile central median and asphalt	1d	01-Nov-23	01-Nov-23	82d
DP-I64-CW-1100	Civil Works - Zone i64 - Stg1 - Bulk and Detail excavation	2d	02-Nov-23	03-Nov-23	82d
DP-I64-CW-1120	Civil Works - Zone i64 - Stg1 - Flooding and compact subgrade	1d	09-Nov-23	09-Nov-23	82d
DP-I64-CW-1140	Civil Works - Zone i64 - Stg1 - Install CSR conduits and Pits	1d	10-Nov-23	10-Nov-23	82d
DP-I64-CW-1160	Civil Works - Zone i64 - Stg1 - Place and Compact Type 2.1 Road base	1d	11-Nov-23	11-Nov-23	82d
DP-I64-CW-1360	Civil Works - Zone i64 - Stg1 - Final trim and survey	1d	13-Nov-23	13-Nov-23	82d
DP-I64-CW-1180	Civil Works - Zone i64 - Stg1 - Spray bitumen chip seal	1d	14-Nov-23	14-Nov-23	82d
Civil Works - Track		4d	16-Nov-23	20-Nov-23	82d
DP-I64-TW-1000	Track Works - Zone i64 - Stg1 - Install/weld rail, Rail Systems Loop and form/reo	1d	16-Nov-23	16-Nov-23	82d
DP-I64-TW-1020	Track Works - Zone i64 - Stg1 - Install OLE foundations	1d	16-Nov-23	16-Nov-23	82d
DP-I64-TW-1040	Track Works - Zone i64 - Stg1 - Perform electrical continunity testing/hold points	1d	17-Nov-23	17-Nov-23	82d
DP-I64-TW-1080	Track Works - Zone i64 - Stg1 - Pour concrete, strip formwork and install lids	2d	18-Nov-23	20-Nov-23	82d
Civil Works - Reinstate Track Verge		1d	23-Nov-23	23-Nov-23	82d
DP-I64-CW-1200	Civil Works - Zone i64 - Stg1 - Place and Compact Type 2.1 Road base	1d	23-Nov-23	23-Nov-23	82d
Civil Works - Central Lanes		9d	24-Nov-23	06-Dec-23	100d
DP-I64-CW-1820	Civil Works - Zone i64 - Stg1 - Remove existing asphalt and subbase	1d	24-Nov-23	24-Nov-23	82d
DP-I64-CW-1840	Civil Works - Zone i64 - Stg1 - Prepare Subgrade	1d	29-Nov-23	29-Nov-23	82d
DP-I64-CW-1880	Civil Works - Zone i64 - Stg1 - Place subbase and base course	1d	30-Nov-23	30-Nov-23	82d
DP-I64-CW-1760	Civil Works - Zone i64 - Stg1 - Place asphalt (Incl Primer Seal)	4d	01-Dec-23	05-Dec-23	82d
DP-I64-CW-1780	Civil Works - Zone i64 - Stg1 - Remove Barriers - Shift Traffic to PermanentAlignment	1d	06-Dec-23	06-Dec-23	100d
Civil Works - System Fitout		1d	24-Nov-23	24-Nov-23	161d
DP-I64-CW-1660	Civil Works - Zone i64 - Stg1 - Erect Overhead Wire Poles with Lighting	1d	24-Nov-23	24-Nov-23	161d
Stage 2		46d	06-Dec-23	23-Feb-24	304d
Civil Works - Kerb and Shoulder Lanes		8d	06-Dec-23	18-Dec-23	99d
DP-I64-CW-2400	Civil Works - Zone i64 - Stg2 - Shift Traffic to Median Lanes	0d		06-Dec-23	100d
DP-I64-CW-2500	Civil Works - Zone i64 - Stg2 - Remove existing asphalt and subbase	1d	07-Dec-23	07-Dec-23	82d
DP-I64-CW-2360	Civil Works - Zone i64 - Stg2 - Replace kerb and channel at PUP crossings	0d	08-Dec-23	08-Dec-23	82d
DP-I64-CW-2720	Civil Works - Zone i64 - Stg2 - Prepare subgrade	1d	08-Dec-23	08-Dec-23	82d
DP-I64-CW-2420	Civil Works - Zone i64 - Stg2 - Place subbase and base course	1d	09-Dec-23	09-Dec-23	82d
DP-I64-CW-2340	Civil Works - Zone i64 - Stg2 - Place asphalt (Incl Primer Seal)	4d	11-Dec-23	15-Dec-23	82d
DP-I64-CW-2380	Civil Works - Zone i64 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	1d	18-Dec-23	18-Dec-23	99d
Civil Works - Rail Corridor		9d	02-Jan-24	13-Jan-24	83d
DP-I64-CW-2140	Civil Works - Zone i64 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	0d		02-Jan-24	83d
DP-I64-CW-2160	Civil Works - Zone i64 - Stg2 - Demo/Clear/Grub	1d	02-Jan-24	02-Jan-24	83d
DP-I64-CW-2700	Civil Works - Zone i64 - Stg2 - Profile central median and asphalt	1d	03-Jan-24	03-Jan-24	83d
DP-I64-CW-2180	Civil Works - Zone i64 - Stg2 - Bulk and Detail excavation	2d	04-Jan-24	05-Jan-24	83d
DP-I64-CW-2200	Civil Works - Zone i64 - Stg2 - Flooding and compact subgrade	1d	08-Jan-24	08-Jan-24	83d
DP-I64-CW-2220	Civil Works - Zone i64 - Stg2 - Install CSR conduits and Pits	1d	09-Jan-24	09-Jan-24	83d
DP-I64-CW-2240	Civil Works - Zone i64 - Stg2 - Place and Compact Type 2.1 Road base	1d	11-Jan-24	11-Jan-24	83d
DP-I64-CW-2320	Civil Works - Zone i64 - Stg2 - Final trim and survey	1d	12-Jan-24	12-Jan-24	83d
DP-I64-CW-2260	Civil Works - Zone i64 - Stg2 - Spray bitumen chip seal	1d	13-Jan-24	13-Jan-24	83d
Civil Works - Track		4d	15-Jan-24	19-Jan-24	83d
DP-I64-TW-1355	Track Works - Zone i64 - Stg2 - Install/weld rail, Rail Systems Loop and form/reo	1d	15-Jan-24	15-Jan-24	83d
DP-I64-TW-1375	Track Works - Zone i64 - Stg2 - Install OLE foundations	1d	15-Jan-24	15-Jan-24	83d
DP-I64-TW-1395	Track Works - Zone i64 - Stg2 - Perform electrical continunity testing/hold points	1d	16-Jan-24	16-Jan-24	83d
DP-I64-TW-1415	Track Works - Zone i64 - Stg2 - Pour concrete, strip formwork and install lids	2d	18-Jan-24	19-Jan-24	83d
Civil Works - Reinstate Track Verge		2d	23-Jan-24	25-Jan-24	83d
DP-I64-CW-2280	Civil Works - Zone i64 - Stg2 - Place and Compact Type 2.1 Road base	2d	23-Jan-24	25-Jan-24	83d
Civil Works - Central Lanes		6d	29-Jan-24	05-Feb-24	318d
DP-I64-CW-2640	Civil Works - Zone i64 - Stg2 - Remove existing asphalt and subbase	1d	29-Jan-24	29-Jan-24	83d



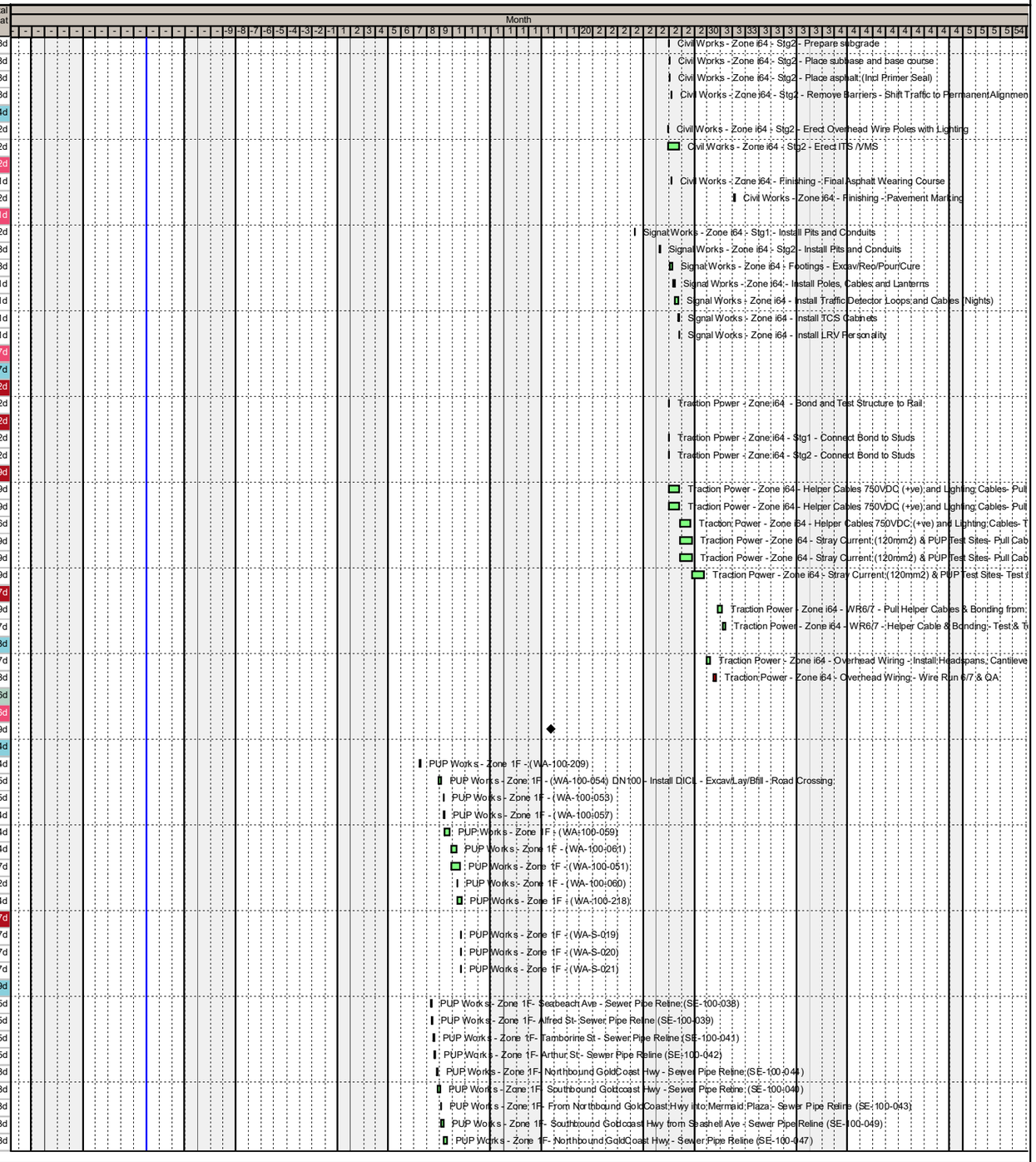
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I64-CW-2660	Civil Works - Zone i64 - Stg2 - Prepare subgrade	1d	30-Jan-24	30-Jan-24	83d
DP-I64-CW-2620	Civil Works - Zone i64 - Stg2 - Place subbase and base course	1d	01-Feb-24	01-Feb-24	158d
DP-I64-CW-2540	Civil Works - Zone i64 - Stg2 - Place asphalt (Incl Primer Seal)	1d	02-Feb-24	02-Feb-24	158d
DP-I64-CW-2580	Civil Works - Zone i64 - Stg2 - Remove Barriers - Shift Traffic to PermanentAlignment	1d	05-Feb-24	05-Feb-24	318d
Civil Works - System Fitout		20d	29-Jan-24	23-Feb-24	164d
DP-I64-CW-2460	Civil Works - Zone i64 - Stg2 - Erect Overhead Wire Poles with Lighting	1d	29-Jan-24	29-Jan-24	132d
DP-I64-CW-2740	Civil Works - Zone i64 - Stg2 - Erect ITS /VMS	16d	29-Jan-24	23-Feb-24	152d
Civil Works - Finishing		92d	06-Feb-24	05-Jul-24	192d
DP-I64-CW-5020	Civil Works - Zone i64 - Finishing - Final Asphalt Wearing Course	1d	06-Feb-24	06-Feb-24	281d
DP-I64-CW-5040	Civil Works - Zone i64 - Finishing - Pavement Marking	2d	04-Jul-24	05-Jul-24	192d
Traffic Control Systems (TCS)		55d	10-Nov-23	24-Feb-24	151d
DP-I64-TCS-1000	Signal Works - Zone i64 - Stg1 - Install Pits and Conduits	1d	10-Nov-23	10-Nov-23	82d
DP-I64-TCS-1020	Signal Works - Zone i64 - Stg2 - Install Pits and Conduits	1d	09-Jan-24	09-Jan-24	83d
DP-I64-TCS-1040	Signal Works - Zone i64 - Footings - Excav/Reo/Pour/Cure	5d	01-Feb-24	08-Feb-24	83d
DP-I64-TCS-1060	Signal Works - Zone i64 - Install Poles, Cables and Lanterns	4d	09-Feb-24	13-Feb-24	151d
DP-I64-TCS-1080	Signal Works - Zone i64 - Install Traffic Detector Loops and Cables (Nights)	4d	14-Feb-24	22-Feb-24	151d
DP-I64-TCS-1100	Signal Works - Zone i64 - Install TCS Cabinets	1d	23-Feb-24	23-Feb-24	151d
DP-I64-TCS-1120	Signal Works - Zone i64 - Install LRV Personality	1d	24-Feb-24	24-Feb-24	151d
Traction Power & Overhead Line		80d	30-Jan-24	14-Jun-24	107d
CSR Cabling		80d	30-Jan-24	14-Jun-24	107d
Structure-to-Track		1d	30-Jan-24	30-Jan-24	142d
DP-i64-BC-1200	Traction Power - Zone i64 - Bond and Test Structure to Rail	1d	30-Jan-24	30-Jan-24	142d
Track-to-Track		1d	30-Jan-24	30-Jan-24	142d
DP-I64-BC-1000	Traction Power - Zone i64 - Stg1 - Connect Bond to Studs	1d	30-Jan-24	30-Jan-24	142d
DP-I64-BC-1020	Traction Power - Zone i64 - Stg2 - Connect Bond to Studs	1d	30-Jan-24	30-Jan-24	142d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	139d
DP-I64-HC-1020	Traction Power - Zone i64 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Stage 1) (Incl Fit Ou	16d	30-Jan-24	24-Feb-24	139d
DP-I64-HC-1040	Traction Power - Zone i64 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Stage 2) (Incl Fit Ou	16d	30-Jan-24	24-Feb-24	139d
DP-I64-HC-1060	Traction Power - Zone i64 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	156d
DP-I64-ST-1020	Traction Power - Zone i64 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Stg1) (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-I64-ST-1040	Traction Power - Zone i64 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Stg2) (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-I64-ST-1060	Traction Power - Zone i64 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	139d
Pit-to-OLE		12d	27-May-24	14-Jun-24	107d
DP-I64-HC-1130	Traction Power - Zone i64 - WR6/7 - Pull Helper Cables & Bonding from Pit to OHL	8d	27-May-24	06-Jun-24	89d
DP-I64-HC-1180	Traction Power - Zone i64 - WR6/7 - Helper Cable & Bonding - Test & Terminate	4d	07-Jun-24	14-Jun-24	107d
Overhead Line		15d	29-Apr-24	21-May-24	83d
DP-i64-OH-1020	Traction Power - Zone i64 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	87d
DP-i64-OH-1040	Traction Power - Zone i64 - Overhead Wiring - Wire Run 6/7 & QA	4d	17-May-24	21-May-24	83d
Zone 1F (Ch 34,912 - 35,417) - 505m		506d	15-Jun-22	09-Jul-24	226d
Public Utilities Plant Works		273d	15-Jun-22	25-Jul-23	266d
DP-1F-MS-1000	PUP Works - Zone 1F - Conduits and Pipes Complete - Civil work to Commence	0d		24-Apr-23	19d
CoGC - Water		73d	15-Jun-22	23-Sep-22	134d
DP-1F-WT-1100	PUP Works - Zone 1F - (WA-100-209)	3d	15-Jun-22	17-Jun-22	204d
DP-1F-WT-1030	PUP Works - Zone 1F - (WA-100-054) DN100 - Install DICL - Excav/Lay/Bfill - Road Crossing	6d	29-Jul-22	05-Aug-22	165d
DP-1F-WT-1020	PUP Works - Zone 1F - (WA-100-053)	2d	10-Aug-22	11-Aug-22	165d
DP-1F-WT-1040	PUP Works - Zone 1F - (WA-100-057)	2d	11-Aug-22	12-Aug-22	134d
DP-1F-WT-1050	PUP Works - Zone 1F - (WA-100-059)	10d	13-Aug-22	25-Aug-22	134d
DP-1F-WT-1070	PUP Works - Zone 1F - (WA-100-061)	10d	29-Aug-22	10-Sep-22	134d
DP-1F-WT-1000	PUP Works - Zone 1F - (WA-100-051)	15d	30-Aug-22	19-Sep-22	137d
DP-1F-WT-1060	PUP Works - Zone 1F - (WA-100-060)	2d	12-Sep-22	13-Sep-22	142d
DP-1F-WT-1010	PUP Works - Zone 1F - (WA-100-218)	10d	12-Sep-22	23-Sep-22	134d
Service Connections		1d	20-Sep-22	20-Sep-22	137d
DP-1F-WT-S019	PUP Works - Zone 1F - (WA-S-019)	1d	20-Sep-22	20-Sep-22	137d
DP-1F-WT-S020	PUP Works - Zone 1F - (WA-S-020)	1d	20-Sep-22	20-Sep-22	137d
DP-1F-WT-S021	PUP Works - Zone 1F - (WA-S-021)	1d	20-Sep-22	20-Sep-22	137d
CoGC - Sewer		113d	11-Jul-22	13-Jan-23	19d
DP-1F-SW-1060	PUP Works - Zone 1F- Seabeach Ave - Sewer Pipe Reline (SE-100-038)	2d	11-Jul-22	12-Jul-22	75d
DP-1F-SW-1080	PUP Works - Zone 1F- Alfred St- Sewer Pipe Reline (SE-100-039)	2d	14-Jul-22	15-Jul-22	75d
DP-1F-SW-1140	PUP Works - Zone 1F- Tamborine St - Sewer Pipe Reline (SE-100-041)	2d	18-Jul-22	19-Jul-22	75d
DP-1F-SW-1160	PUP Works - Zone 1F- Arthur St - Sewer Pipe Reline (SE-100-042)	2d	20-Jul-22	21-Jul-22	75d
DP-1F-SW-1100	PUP Works - Zone 1F- Northbound GoldCoast Hwy - Sewer Pipe Reline (SE-100-044)	3d	25-Jul-22	27-Jul-22	43d
DP-1F-SW-1120	PUP Works - Zone 1F- Southbound Goldcoast Hwy - Sewer Pipe Reline (SE-100-040)	5d	28-Jul-22	03-Aug-22	43d
DP-1F-SW-1180	PUP Works - Zone 1F- From Northbound GoldCoast Hwy into Mermaid Plaza - Sewer Pipe Reline (SE-100-04	1d	04-Aug-22	04-Aug-22	43d
DP-1F-SW-1200	PUP Works - Zone 1F- Southbound Goldcoast Hwy from Seashell Ave - Sewer Pipe Reline (SE-100-049)	2d	05-Aug-22	10-Aug-22	43d
DP-1F-SW-1220	PUP Works - Zone 1F- Northbound GoldCoast Hwy - Sewer Pipe Reline (SE-100-047)	6d	11-Aug-22	18-Aug-22	43d



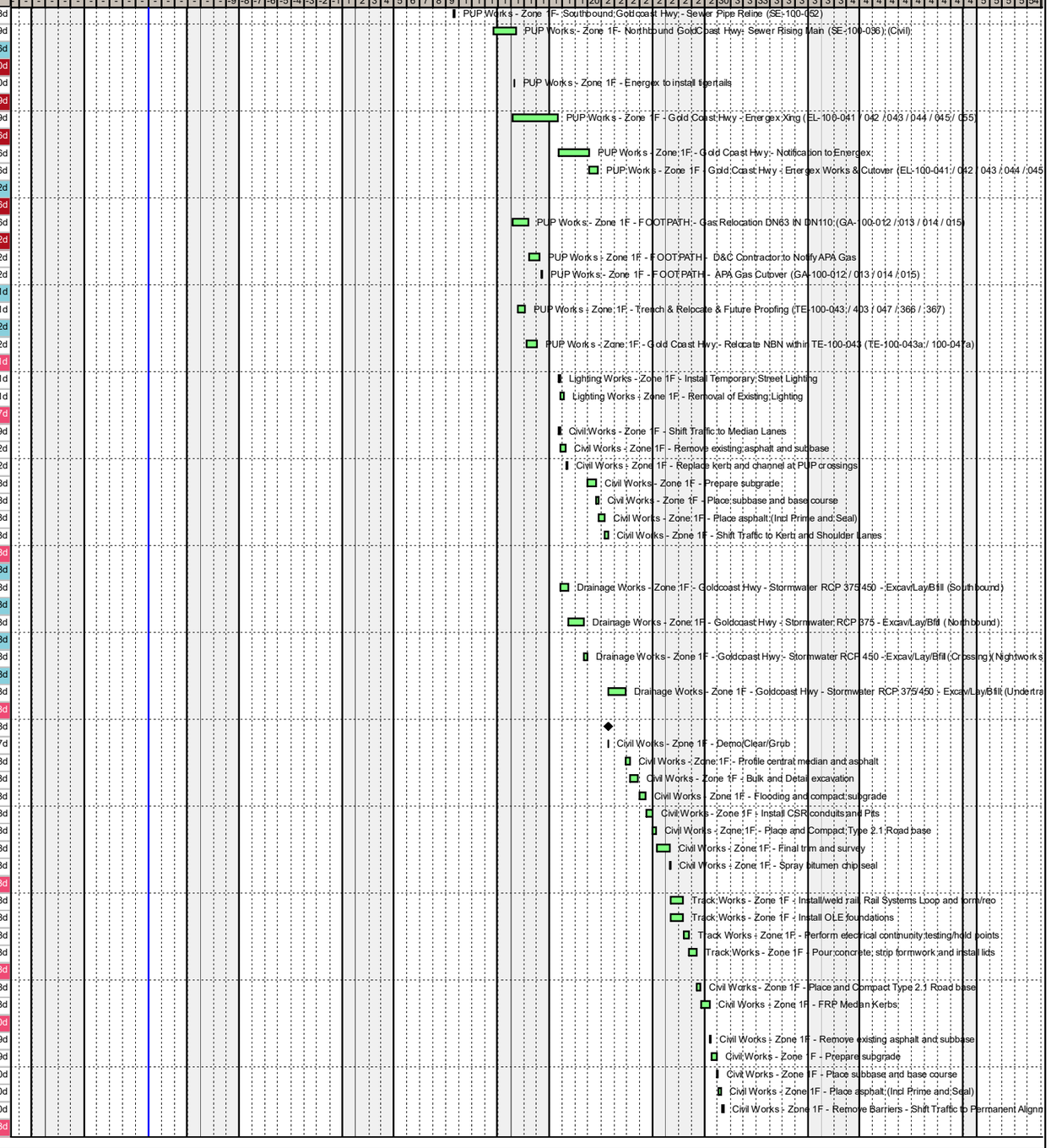
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
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Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1F-SW-1260	PUP Works - Zone 1F- Southbound Goldcoast Hwy - Sewer Pipe Reline (SE-100-052)	2d	19-Aug-22	20-Aug-22	43d
DP-1F-SW-1122	PUP Works - Zone 1F- Northbound GoldCoast Hwy- Sewer Rising Main (SE-100-036) (Civil)	23d	21-Nov-22	13-Jan-23	19d
Energex		137d	05-Jan-23	25-Jul-23	266d
Pre-Works		1d	09-Jan-23	09-Jan-23	90d
DP-1F-EG-1230	PUP Works - Zone 1F - Energex to install tigertails	1d	09-Jan-23	09-Jan-23	90d
Conduits & Pits		61d	05-Jan-23	22-Apr-23	19d
DP-1F-EG-1000	PUP Works - Zone 1F - Gold Coast Hwy - Energex Xing (EL-100-041 / 042 / 043 / 044 / 045 / 055)	61d	05-Jan-23	22-Apr-23	19d
Energex Works		65d	24-Apr-23	25-Jul-23	266d
DP-1F-EG-2000	PUP Works - Zone 1F - Gold Coast Hwy - Notification to Energex	50d	24-Apr-23	04-Jul-23	266d
DP-1F-EG-2010	PUP Works - Zone 1F - Gold Coast Hwy - Energex Works & Cutover (EL-100-041 / 042 / 043 / 044 / 045 / 055	15d	05-Jul-23	25-Jul-23	266d
APA Gas		47d	05-Jan-23	15-Mar-23	122d
Protect/Relocate		24d	05-Jan-23	10-Feb-23	56d
DP-1F-GA-1000	PUP Works - Zone 1F - FOOTPATH - Gas Relocation DN63 IN DN110 (GA-100-012 / 013 / 014 / 015)	24d	05-Jan-23	10-Feb-23	56d
Cutover		23d	13-Feb-23	15-Mar-23	122d
DP-1F-GA-1080	PUP Works - Zone 1F - FOOTPATH - D&C Contractor to Notify APA Gas	20d	13-Feb-23	10-Mar-23	122d
DP-1F-GA-1040	PUP Works - Zone 1F - FOOTPATH - APA Gas Cutover (GA-100-012 / 013 / 014 / 015)	3d	13-Mar-23	15-Mar-23	122d
Telstra		12d	17-Jan-23	03-Feb-23	41d
DP-1F-TLS-1420	PUP Works - Zone 1F - Trench & Relocate & Future Proofing (TE-100-043 / 403 / 047 / 366 / 367)	12d	17-Jan-23	03-Feb-23	41d
NBN		20d	06-Feb-23	03-Mar-23	52d
DP-1F-NB-01200	PUP Works - Zone 1F - Gold Coast Hwy - Relocate NBN within TE-100-043 (TE-100-043a / 100-047a)	20d	06-Feb-23	03-Mar-23	52d
Street Lighting Relocations		8d	24-Apr-23	05-May-23	121d
DP-1F-Stl-1000	Lighting Works - Zone 1F - Install Temporary Street Lighting	3d	24-Apr-23	27-Apr-23	121d
DP-1F-Stl-1020	Lighting Works - Zone 1F - Removal of Existing Lighting	5d	28-Apr-23	05-May-23	121d
Civil Works - Kerb and Shoulder Lanes		82d	24-Apr-23	17-Aug-23	17d
DP-1F-CW-1520	Civil Works - Zone 1F - Shift Traffic to Median Lanes	3d	24-Apr-23	27-Apr-23	19d
DP-1F-CW-1720	Civil Works - Zone 1F - Remove existing asphalt and subbase	6d	28-Apr-23	09-May-23	52d
DP-1F-CW-1480	Civil Works - Zone 1F - Replace kerb and channel at PUP crossings	3d	11-May-23	13-May-23	52d
DP-1F-CW-2120	Civil Works - Zone 1F - Prepare subgrade	14d	30-Jun-23	19-Jul-23	18d
DP-1F-CW-1620	Civil Works - Zone 1F - Place subbase and base course	5d	20-Jul-23	26-Jul-23	18d
DP-1F-CW-1420	Civil Works - Zone 1F - Place asphalt (Incl Prime and Seal)	11d	27-Jul-23	09-Aug-23	18d
DP-1F-CW-1500	Civil Works - Zone 1F - Shift Traffic to Kerb and Shoulder Lanes	3d	10-Aug-23	17-Aug-23	18d
Civil Works - Stormwater Drainage		106d	28-Apr-23	28-Sep-23	18d
Southbound		10d	28-Apr-23	15-May-23	18d
DP-1F-DR-1160	Drainage Works - Zone 1F - Goldcoast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (Southbound)	10d	28-Apr-23	15-May-23	18d
Northbound		27d	16-May-23	21-Jun-23	18d
DP-1F-DR-1080	Drainage Works - Zone 1F - Goldcoast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (Northbound)	27d	16-May-23	21-Jun-23	18d
Crossing		6d	22-Jun-23	29-Jun-23	18d
DP-1F-DR-1100	Drainage Works - Zone 1F - Goldcoast Hwy - Stormwater RCP 450 - Excav/Lay/Bfill (Crossing)(Nightworks)	6d	22-Jun-23	29-Jun-23	18d
Undertrack		30d	18-Aug-23	28-Sep-23	18d
DP-1F-DR-1120	Drainage Works - Zone 1F - Goldcoast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (Undertrack)	30d	18-Aug-23	28-Sep-23	18d
Civil Works - Rail Corridor		85d	17-Aug-23	11-Jan-24	18d
DP-1F-CW-1000	Civil Works - Zone 1F - Shift Traffic to Kerb and Shoulder Lanes	0d		17-Aug-23	18d
DP-1F-CW-1040	Civil Works - Zone 1F - Demo/Clear/Grub	1d	18-Aug-23	18-Aug-23	47d
DP-1F-CW-2100	Civil Works - Zone 1F - Profile central median and asphalt	5d	29-Sep-23	07-Oct-23	18d
DP-1F-CW-1100	Civil Works - Zone 1F - Bulk and Detail excavation	14d	09-Oct-23	27-Oct-23	18d
DP-1F-CW-1120	Civil Works - Zone 1F - Flooding and compact subgrade	10d	30-Oct-23	14-Nov-23	18d
DP-1F-CW-1140	Civil Works - Zone 1F - Install CSR conduits and Pits	7d	16-Nov-23	29-Nov-23	18d
DP-1F-CW-1160	Civil Works - Zone 1F - Place and Compact Type 2.1 Road base	8d	30-Nov-23	09-Dec-23	18d
DP-1F-CW-1360	Civil Works - Zone 1F - Final trim and survey	10d	11-Dec-23	09-Jan-24	18d
DP-1F-CW-1180	Civil Works - Zone 1F - Spray bitumen chip seal	1d	11-Jan-24	11-Jan-24	18d
Civil Works - Track		36d	12-Jan-24	13-Mar-24	18d
DP-1F-TW-1000	Track Works - Zone 1F - Install/weld rail, Rail Systems Loop and form/reo	17d	12-Jan-24	10-Feb-24	18d
DP-1F-TW-1020	Track Works - Zone 1F - Install OLE foundations	17d	12-Jan-24	10-Feb-24	18d
DP-1F-TW-1040	Track Works - Zone 1F - Perform electrical continunity testing/hold points	7d	12-Feb-24	23-Feb-24	18d
DP-1F-TW-1080	Track Works - Zone 1F - Pour concrete, strip formwork and install lids	12d	24-Feb-24	13-Mar-24	18d
Civil Works - Reinstate Track Verge		12d	14-Mar-24	12-Apr-24	18d
DP-1F-CW-1200	Civil Works - Zone 1F - Place and Compact Type 2.1 Road base	4d	14-Mar-24	22-Mar-24	18d
DP-1F-CW-1700	Civil Works - Zone 1F - FRP Median Kerbs	8d	23-Mar-24	12-Apr-24	18d
Civil Works - Central Lanes		21d	13-Apr-24	15-May-24	210d
DP-1F-CW-1820	Civil Works - Zone 1F - Remove existing asphalt and subbase	3d	13-Apr-24	16-Apr-24	89d
DP-1F-CW-1840	Civil Works - Zone 1F - Prepare subgrade	8d	18-Apr-24	29-Apr-24	89d
DP-1F-CW-1880	Civil Works - Zone 1F - Place subbase and base course	3d	30-Apr-24	02-May-24	90d
DP-1F-CW-1760	Civil Works - Zone 1F - Place asphalt (Incl Prime and Seal)	5d	03-May-24	10-May-24	90d
DP-1F-CW-1780	Civil Works - Zone 1F - Remove Barriers - Shift Traffic to Permanent Alignment	3d	13-May-24	15-May-24	210d
Civil Works - System Fitout		44d	13-Apr-24	17-Jun-24	73d



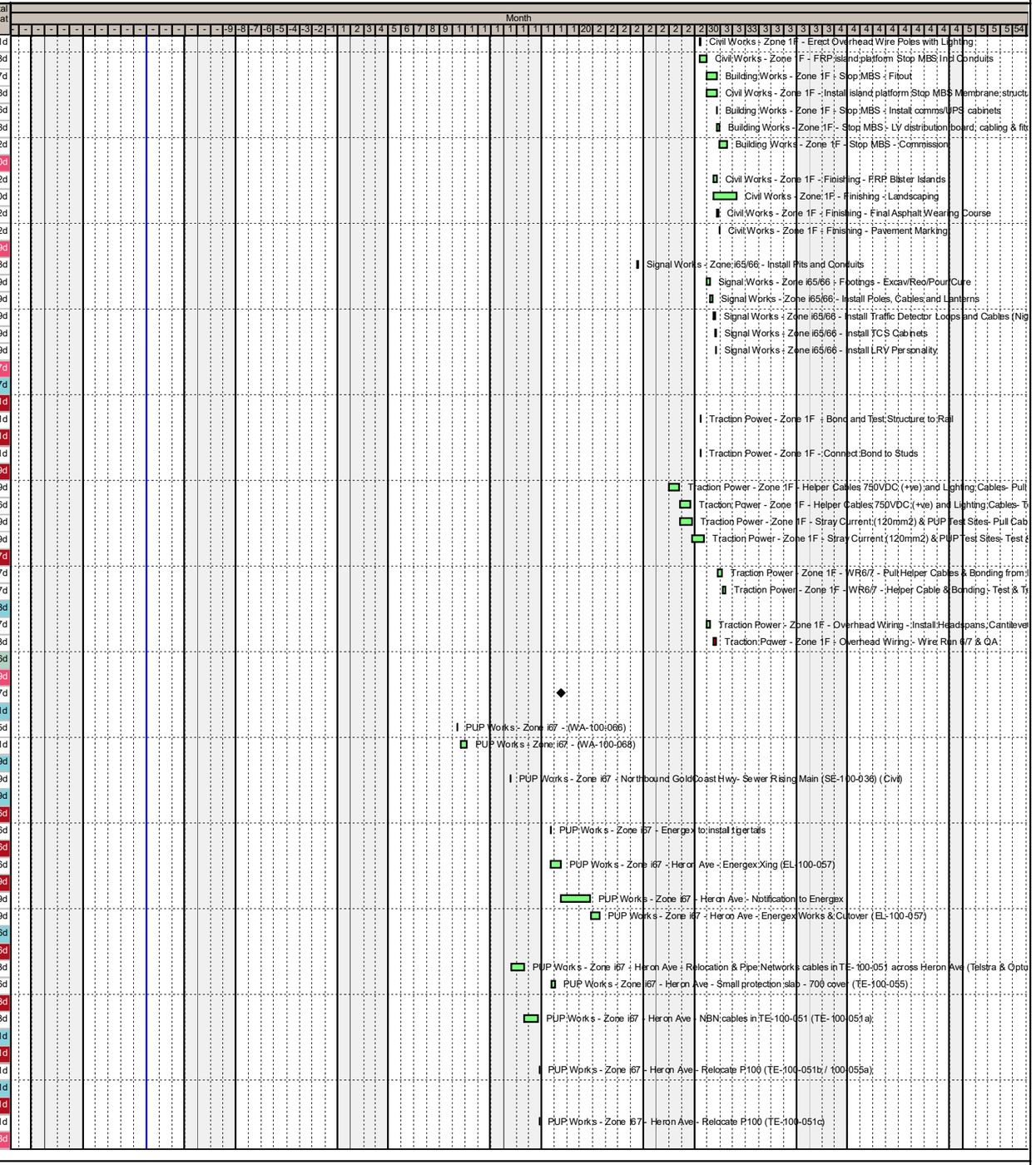
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1F-CW-1660	Civil Works - Zone 1F - Erect Overhead Wire Poles with Lighting	2d	13-Apr-24	15-Apr-24	91d
DP-1F-CW-1680	Civil Works - Zone 1F - FRP island platform Stop MBS Incl Conduits	11d	13-Apr-24	29-Apr-24	18d
DP-1F-BW-1040	Building Works - Zone 1F - Stop MBS - Fitout	16d	30-Apr-24	23-May-24	77d
DP-1F-CW-1900	Civil Works - Zone 1F - Install island platform Stop MBS Membrane structure Incl Membrane	16d	30-Apr-24	23-May-24	18d
DP-1F-BW-1060	Building Works - Zone 1F - Stop MBS - Install comms/UPS cabinets	1d	24-May-24	24-May-24	76d
DP-1F-BW-1080	Building Works - Zone 1F - Stop MBS - LV distribution board, cabling & fitout	5d	24-May-24	30-May-24	18d
DP-1F-BW-1100	Building Works - Zone 1F - Stop MBS - Commission	11d	31-May-24	17-Jun-24	72d
Civil Works - Finishing		39d	16-May-24	09-Jul-24	200d
DP-1F-CW-5000	Civil Works - Zone 1F - Finishing - FRP Blister Islands	7d	16-May-24	23-May-24	192d
DP-1F-CW-5060	Civil Works - Zone 1F - Finishing - Landscaping	39d	16-May-24	09-Jul-24	200d
DP-1F-CW-5020	Civil Works - Zone 1F - Finishing - Final Asphalt Wearing Course	4d	24-May-24	28-May-24	192d
DP-1F-CW-5040	Civil Works - Zone 1F - Finishing - Pavement Marking	2d	30-May-24	31-May-24	192d
Traffic Control Systems (TCS)		100d	16-Nov-23	22-May-24	89d
DP-I65-TCS-1000	Signal Works - Zone i65/66 - Install Pits and Conduits	2d	16-Nov-23	17-Nov-23	23d
DP-I65-TCS-1040	Signal Works - Zone i65/66 - Footings - Excav/Reo/Pour/Cure	5d	30-Apr-24	07-May-24	89d
DP-I65-TCS-1060	Signal Works - Zone i65/66 - Install Poles, Cables and Lanterns	4d	08-May-24	14-May-24	89d
DP-I65-TCS-1080	Signal Works - Zone i65/66 - Install Traffic Detector Loops and Cables (Nights)	4d	16-May-24	20-May-24	89d
DP-I65-TCS-1100	Signal Works - Zone i65/66 - Install TCS Cabinets	1d	21-May-24	21-May-24	89d
DP-I65-TCS-1120	Signal Works - Zone i65/66 - Install LRV Personality	1d	22-May-24	22-May-24	89d
Traction Power & Overhead Line		80d	30-Jan-24	14-Jun-24	107d
CSR Cabling		80d	30-Jan-24	14-Jun-24	107d
Structure-to-Track		1d	16-Apr-24	16-Apr-24	101d
DP-1F-BC-1220	Traction Power - Zone 1F - Bond and Test Structure to Rail	1d	16-Apr-24	16-Apr-24	101d
Track-to-Track		1d	16-Apr-24	16-Apr-24	101d
DP-1F-BC-1000	Traction Power - Zone 1F - Connect Bond to Studs	1d	16-Apr-24	16-Apr-24	101d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	139d
DP-1F-HC-1020	Traction Power - Zone 1F - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	139d
DP-1F-HC-1090	Traction Power - Zone 1F - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	156d
DP-1F-ST-1020	Traction Power - Zone 1F - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-1F-ST-1040	Traction Power - Zone 1F - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	139d
Pit-to-OLE		12d	27-May-24	14-Jun-24	107d
DP-1F-HC-1070	Traction Power - Zone 1F - WR6/7 - Pull Helper Cables & Bonding from Pit to OHL	8d	27-May-24	06-Jun-24	107d
DP-1F-OH-1140	Traction Power - Zone 1F - WR6/7 - Helper Cable & Bonding - Test & Terminate	4d	07-Jun-24	14-Jun-24	107d
Overhead Line		15d	29-Apr-24	21-May-24	83d
DP-1F-OH-1020	Traction Power - Zone 1F - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	87d
DP-1F-OH-1040	Traction Power - Zone 1F - Overhead Wiring - Wire Run 6/7 & QA	4d	17-May-24	21-May-24	83d
Zone i67 Intersection - Med Term Closure - Heron Ave (Ch 35,417 - 35,450) - 33m		424d	12-Sep-22	11-Jun-24	216d
Public Utilities Plant Works		228d	12-Sep-22	17-Aug-23	249d
DP-I67-MS-1000	PUP Works - Zone i67 - Conduits and Pipes Complete - Civil work to Commence	0d		18-May-23	67d
CoGC - Water		16d	12-Sep-22	05-Oct-22	191d
DP-i67-WT-1000	PUP Works - Zone i67 - (WA-100-066)	2d	12-Sep-22	13-Sep-22	205d
DP-i67-WT-1010	PUP Works - Zone i67 - (WA-100-068)	10d	20-Sep-22	05-Oct-22	191d
CoGC - Sewer		1d	17-Jan-23	17-Jan-23	79d
DP-i67-SW-1123	PUP Works - Zone i67 - Northbound GoldCoast Hwy- Sewer Rising Main (SE-100-036) (Civil)	1d	17-Jan-23	17-Jan-23	79d
Energex		82d	24-Apr-23	17-Aug-23	249d
Pre-Works		1d	24-Apr-23	24-Apr-23	76d
DP-I67-EG-1210	PUP Works - Zone i67 - Energex to install tigertails	1d	24-Apr-23	24-Apr-23	76d
Conduits & Pits		16d	24-Apr-23	18-May-23	66d
DP-I67-EG-1000	PUP Works - Zone i67 - Heron Ave - Energex Xing (EL-100-057)	16d	24-Apr-23	18-May-23	66d
Energex Works		65d	19-May-23	17-Aug-23	249d
DP-I67-EG-2000	PUP Works - Zone i67 - Heron Ave - Notification to Energex	50d	19-May-23	27-Jul-23	249d
DP-I67-EG-2010	PUP Works - Zone i67 - Heron Ave - Energex Works & Cutover (EL-100-057)	15d	28-Jul-23	17-Aug-23	249d
Telstra		60d	19-Jan-23	03-May-23	76d
Trench (D&C Contractor)		60d	19-Jan-23	03-May-23	76d
DP-I67-TLS-1430	PUP Works - Zone i67 - Heron Ave - Relocation & Pipe Networks cables in TE-100-051 across Heron Ave (Tels	21d	19-Jan-23	18-Feb-23	93d
DP-I67-TLS-1450	PUP Works - Zone i67 - Heron Ave - Small protection slab - 700 cover (TE-100-055)	5d	26-Apr-23	03-May-23	76d
Relocate Conduits & Cable Pull		21d	20-Feb-23	24-Mar-23	93d
DP-I67-TLS-1400	PUP Works - Zone i67 - Heron Ave - NBN cables in TE-100-051 (TE-100-051a)	21d	20-Feb-23	24-Mar-23	93d
NBN		1d	27-Mar-23	27-Mar-23	101d
Relocate Conduits & Cable Pull		1d	27-Mar-23	27-Mar-23	101d
DP-I67-NB-01220	PUP Works - Zone i67 - Heron Ave - Relocate P100 (TE-100-051b / 100-055a)	1d	27-Mar-23	27-Mar-23	101d
OPTUS		1d	27-Mar-23	27-Mar-23	101d
Relocate Conduits & Cable Pull		1d	27-Mar-23	27-Mar-23	101d
DP-I67-OP-01220	PUP Works - Zone I67 - Heron Ave - Relocate P100 (TE-100-051c)	1d	27-Mar-23	27-Mar-23	101d
Street Lighting Relocations		2d	19-May-23	22-May-23	258d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-i67-Stl-1000	Lighting Works - Zone i67 - Install Temporary Street Lighting	1d	19-May-23	19-May-23	258d
DP-i67-Stl-1020	Lighting Works - Zone i67 - Removal of Existing Lighting	1d	22-May-23	22-May-23	258d
Civil Works - Stormwater Drainage		14d	20-May-23	07-Jun-23	66d
Northbound		2d	20-May-23	22-May-23	66d
DP-i67-DR-1000	Drainage Works - Zone i67 - Goldcoast Hwy - DN375 Stormwater - Excav/Lay/Bfill (Northbound)(night)	2d	20-May-23	22-May-23	66d
Undertrack		6d	01-Jun-23	07-Jun-23	66d
DP-i67-DR-1010	Drainage Works - Zone i67 - Goldcoast Hwy - DN375 Stormwater - Excav/Lay/Bfill (Night)	6d	01-Jun-23	07-Jun-23	66d
Civil Works - Kerb and Shoulder Lanes		9d	19-May-23	01-Jun-23	68d
DP-i67-CW-1520	Civil Works - Zone i67 - Shift Traffic to Median Lanes	1d	19-May-23	19-May-23	67d
DP-i67-CW-1720	Civil Works - Zone i67 - Remove existing asphalt and subbase	1d	20-May-23	20-May-23	67d
DP-i67-CW-1480	Civil Works - Zone i67 - Replace kerb and channel at PUP crossings	0d	22-May-23	22-May-23	67d
DP-i67-CW-2120	Civil Works - Zone i67 - Prepare subgrade	1d	23-May-23	23-May-23	66d
DP-i67-CW-1620	Civil Works - Zone i67 - Place subbase and base course	1d	25-May-23	25-May-23	66d
DP-i67-CW-1420	Civil Works - Zone i67 - Place asphalt (Incl Primer Seal)	4d	26-May-23	31-May-23	66d
DP-i67-CW-1500	Civil Works - Zone i67 - Shift Traffic to Kerb and Shoulder Lanes	0d	01-Jun-23	01-Jun-23	68d
Civil Works - Rail Corridor		14d	01-Jun-23	20-Jun-23	220d
DP-i67-CW-1000	Civil Works - Zone i67 - Shift Traffic to Kerb and Shoulder Lanes	0d		01-Jun-23	66d
DP-i67-CW-1040	Civil Works - Zone i67 - Demo/Clear/Grub	1d	01-Jun-23	01-Jun-23	225d
DP-i67-CW-2100	Civil Works - Zone i67 - Profile central median and asphalt	1d	08-Jun-23	08-Jun-23	220d
DP-i67-CW-1100	Civil Works - Zone i67 - Bulk and Detail excavation	2d	09-Jun-23	13-Jun-23	220d
DP-i67-CW-1120	Civil Works - Zone i67 - Flooding and compact subgrade	1d	15-Jun-23	15-Jun-23	220d
DP-i67-CW-1140	Civil Works - Zone i67 - Install CSR conduits and Pits	1d	16-Jun-23	16-Jun-23	220d
DP-i67-CW-1160	Civil Works - Zone i67 - Place and Compact Type 2.1 Road base	1d	17-Jun-23	17-Jun-23	220d
DP-i67-CW-1360	Civil Works - Zone i67 - Final trim and survey	1d	19-Jun-23	19-Jun-23	220d
DP-i67-CW-1180	Civil Works - Zone i67 - Spray bitumen chip seal	1d	20-Jun-23	20-Jun-23	220d
Civil Works - Track		4d	21-Jun-23	26-Jun-23	220d
DP-i67-TW-1000	Track Works - Zone i67 - Install/weld rail, Rail Systems Loop and form/reo	1d	21-Jun-23	21-Jun-23	220d
DP-i67-TW-1020	Track Works - Zone i67 - Install OLE foundations	1d	21-Jun-23	21-Jun-23	220d
DP-i67-TW-1040	Track Works - Zone i67 - Perform electrical continunity testing/hold points	1d	22-Jun-23	22-Jun-23	220d
DP-i67-TW-1080	Track Works - Zone i67 - Pour concrete, strip formwork and install lids	2d	23-Jun-23	26-Jun-23	220d
Civil Works - Reinstate Track Verge		1d	27-Jun-23	27-Jun-23	220d
DP-i67-CW-1200	Civil Works - Zone i67 - Place and Compact Type 2.1 Road base	1d	27-Jun-23	27-Jun-23	220d
Civil Works - Central Lanes		8d	28-Jun-23	10-Jul-23	292d
DP-i67-CW-1820	Civil Works - Zone i67 - Remove existing asphalt and subbase	1d	28-Jun-23	28-Jun-23	220d
DP-i67-CW-1840	Civil Works - Zone i67 - Prepare Subgrade	1d	29-Jun-23	29-Jun-23	220d
DP-i67-CW-1880	Civil Works - Zone i67 - Place subbase and base course	1d	30-Jun-23	30-Jun-23	220d
DP-i67-CW-1760	Civil Works - Zone i67 - Place asphalt (Incl Primer Seal)	4d	04-Jul-23	07-Jul-23	265d
DP-i67-CW-1780	Civil Works - Zone i67 - Remove Barriers - Shift Traffic to Permanent Alignment	0d	10-Jul-23	10-Jul-23	292d
Civil Works - Finishing		199d	10-Jul-23	11-Jun-24	192d
DP-i67-CW-5020	Civil Works - Zone i67 - Finishing - Final Asphalt Wearing Course	1d	10-Jul-23	10-Jul-23	388d
DP-i67-CW-5040	Civil Works - Zone i67 - Finishing - Pavement Marking	2d	07-Jun-24	11-Jun-24	192d
Traffic Control Systems (TCS)		24d	16-Jun-23	18-Jul-23	281d
DP-i67-TCS-1000	Signal Works - Zone i67 - Install Pits and Conduits	1d	16-Jun-23	16-Jun-23	220d
DP-i67-TCS-1040	Signal Works - Zone i67 - Footings - Excav/Reo/Pour/Cure	4d	04-Jul-23	07-Jul-23	220d
DP-i67-TCS-1060	Signal Works - Zone i67 - Install Poles, Cables and Lanterns	3d	08-Jul-23	11-Jul-23	281d
DP-i67-TCS-1080	Signal Works - Zone i67 - Install Traffic Detector Loops and Cables (Nights)	3d	13-Jul-23	15-Jul-23	281d
DP-i67-TCS-1100	Signal Works - Zone i67 - Install TCS Cabinets	1d	17-Jul-23	17-Jul-23	281d
DP-i67-TCS-1120	Signal Works - Zone i67 - Install LRV Personality	1d	18-Jul-23	18-Jul-23	281d
Traction Power & Overhead Line		193d	28-Jun-23	21-May-24	123d
CSR Cabling		177d	28-Jun-23	24-Apr-24	139d
Track-to-Track		1d	28-Jun-23	28-Jun-23	271d
DP-i67-BC-1000	Traction Power - Zone i67 - Stg 1 - Connect Bond to Studs	1d	28-Jun-23	28-Jun-23	271d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	139d
DP-i67-HC-1020	Traction Power - Zone i67 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 1) - Pull Cable (Incl Fit Ou	16d	30-Jan-24	24-Feb-24	139d
DP-i67-HC-1040	Traction Power - Zone i67 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 2) - Pull Cable (Incl Fit Ou	16d	30-Jan-24	24-Feb-24	139d
DP-i67-HC-1060	Traction Power - Zone i67 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	156d
DP-i67-ST-1020	Traction Power - Zone i67 - Stray Current (120mm2) & PUP Test Sites(Stage 1) - Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-i67-ST-1040	Traction Power - Zone i67 - Stray Current (120mm2) & PUP Test Sites(Stage 2) - Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-i67-ST-1060	Traction Power - Zone i67 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	139d
Overhead Line		4d	17-May-24	21-May-24	83d
DP-i67-OH-1040	Traction Power - Zone i67 - Overhead Wiring - Wire Run 6/7 & QA	4d	17-May-24	21-May-24	83d
Zone 1G (Ch 35,450 - 35,870) - 420		506d	23-May-22	14-Jun-24	243d
Public Utilities Plant Works		204d	23-May-22	21-Mar-23	352d
DP-1G-MS-1000	PUP Works - Zone 1G - Conduits and Pipes Complete - Civil work to Commence	0d		05-Dec-22	25d
CoGC - Water		51d	23-May-22	01-Aug-22	102d



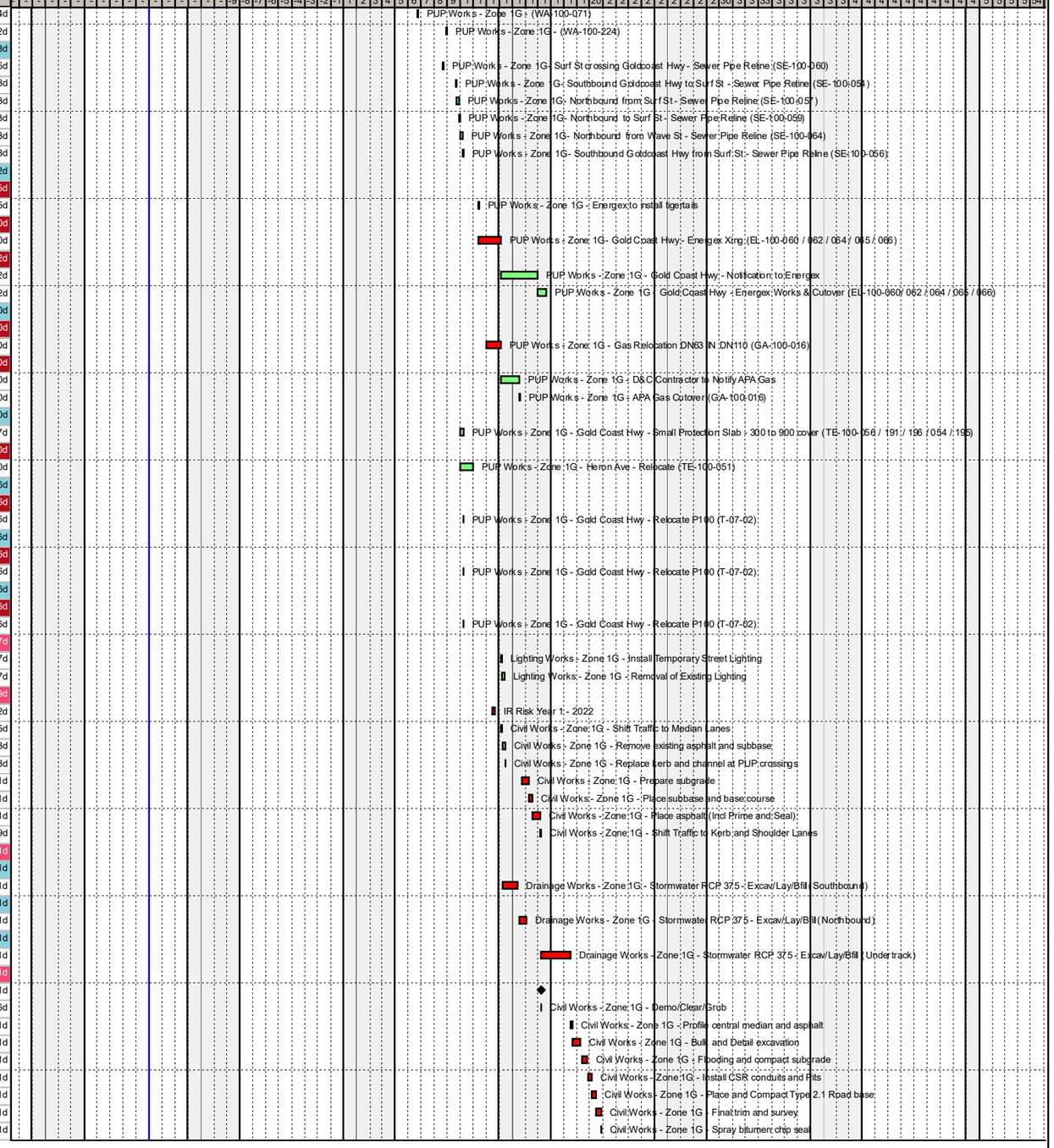
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1G-WT-1020	PUP Works - Zone 1G - (WA-100-071)	2d	23-May-22	24-May-22	134d
DP-1G-WT-1040	PUP Works - Zone 1G - (WA-100-224)	2d	29-Jul-22	01-Aug-22	102d
CoGC - Sewer		34d	22-Jul-22	09-Sep-22	43d
DP-1G-SW-1300	PUP Works - Zone 1G- Surf St crossing Goldcoast Hwy - Sewer Pipe Reline (SE-100-060)	2d	22-Jul-22	23-Jul-22	75d
DP-1G-SW-1280	PUP Works - Zone 1G- Southbound Goldcoast Hwy to Surf St - Sewer Pipe Reline (SE-100-054)	2d	22-Aug-22	23-Aug-22	43d
DP-1G-SW-1320	PUP Works - Zone 1G- Northbound from Surf St - Sewer Pipe Reline (SE-100-057)	3d	24-Aug-22	29-Aug-22	43d
DP-1G-SW-1340	PUP Works - Zone 1G- Northbound to Surf St - Sewer Pipe Reline (SE-100-059)	2d	30-Aug-22	31-Aug-22	43d
DP-1G-SW-1360	PUP Works - Zone 1G- Northbound from Wave St - Sewer Pipe Reline (SE-100-064)	3d	01-Sep-22	06-Sep-22	43d
DP-1G-SW-1380	PUP Works - Zone 1G- Southbound Goldcoast Hwy from Surf St - Sewer Pipe Reline (SE-100-056)	3d	07-Sep-22	09-Sep-22	43d
Energex		102d	14-Oct-22	21-Mar-23	352d
Pre-Works		1d	14-Oct-22	14-Oct-22	35d
DP-1G-EG-1250	PUP Works - Zone 1G - Energex to install tigertails	1d	14-Oct-22	14-Oct-22	35d
Conduits & Pits		33d	14-Oct-22	05-Dec-22	20d
DP-1G-EG-1000	PUP Works - Zone 1G- Gold Coast Hwy - Energex Xing (EL-100-060 / 062 / 064 / 065 / 066)	33d	14-Oct-22	05-Dec-22	20d
Energex Works		65d	06-Dec-22	21-Mar-23	352d
DP-1G-EG-2000	PUP Works - Zone 1G - Gold Coast Hwy - Notification to Energex	50d	06-Dec-22	28-Feb-23	352d
DP-1G-EG-2010	PUP Works - Zone 1G - Gold Coast Hwy - Energex Works & Cutover (EL-100-060/ 062 / 064 / 065 / 066)	15d	01-Mar-23	21-Mar-23	352d
APA Gas		49d	31-Oct-22	19-Jan-23	60d
Protect/Relocate		21d	31-Oct-22	05-Dec-22	20d
DP-1G-GA-1000	PUP Works - Zone 1G - Gas Relocation DN63 IN DN110 (GA-100-016)	21d	31-Oct-22	05-Dec-22	20d
Cutover		23d	06-Dec-22	19-Jan-23	60d
DP-1G-GA-1100	PUP Works - Zone 1G - D&C Contractor to Notify APA Gas	20d	06-Dec-22	16-Jan-23	60d
DP-1G-GA-1120	PUP Works - Zone 1G - APA Gas Cutover (GA-100-016)	3d	17-Jan-23	19-Jan-23	60d
Telstra		23d	31-Aug-22	30-Sep-22	60d
DP-1G-TLS-1240	PUP Works - Zone 1G - Gold Coast Hwy - Small Protection Slab - 300 to 900 cover (TE-100-056 / 191 / 196 / (	5d	31-Aug-22	07-Sep-22	77d
Trench (D&C Contractor)		23d	31-Aug-22	30-Sep-22	60d
DP-1G-TLS-1260	PUP Works - Zone 1G - Heron Ave - Relocate (TE-100-051)	23d	31-Aug-22	30-Sep-22	60d
NBN		1d	08-Sep-22	08-Sep-22	86d
Relocate Conduits & Cable Pull		1d	08-Sep-22	08-Sep-22	86d
DP-1G-NB-01240	PUP Works - Zone 1G - Gold Coast Hwy - Relocate P100 (T-07-02)	1d	08-Sep-22	08-Sep-22	86d
OPTUS		1d	08-Sep-22	08-Sep-22	86d
Relocate Conduits & Cable Pull		1d	08-Sep-22	08-Sep-22	86d
DP-1G-OP-01240	PUP Works - Zone 1G - Gold Coast Hwy - Relocate P100 (T-07-02)	1d	08-Sep-22	08-Sep-22	86d
TPG		1d	08-Sep-22	08-Sep-22	86d
Relocate Conduits & Cable Pull		1d	08-Sep-22	08-Sep-22	86d
DP-1G-TP-01240	PUP Works - Zone 1G - Gold Coast Hwy - Relocate P100 (T-07-02)	1d	08-Sep-22	08-Sep-22	86d
Street Lighting Relocations		6d	06-Dec-22	13-Dec-22	117d
DP-1G-Stl-1000	Lighting Works - Zone 1G - Install Temporary Street Lighting	2d	06-Dec-22	07-Dec-22	117d
DP-1G-Stl-1020	Lighting Works - Zone 1G - Removal of Existing Lighting	4d	08-Dec-22	13-Dec-22	117d
Civil Works - Kerb and Shoulder Lanes		72d	15-Nov-22	09-Mar-23	29d
DP-1G-CW-5070	IR Risk Year 1 - 2022	5d	15-Nov-22	21-Nov-22	2d
DP-1G-CW-1520	Civil Works - Zone 1G - Shift Traffic to Median Lanes	3d	06-Dec-22	08-Dec-22	25d
DP-1G-CW-1720	Civil Works - Zone 1G - Remove existing asphalt and subbase	5d	09-Dec-22	15-Dec-22	33d
DP-1G-CW-1480	Civil Works - Zone 1G - Replace kerb and channel at PUP crossings	0d	16-Dec-22	16-Dec-22	33d
DP-1G-CW-2120	Civil Works - Zone 1G - Prepare subgrade	12d	23-Jan-23	08-Feb-23	21d
DP-1G-CW-1620	Civil Works - Zone 1G - Place subbase and base course	5d	09-Feb-23	17-Feb-23	21d
DP-1G-CW-1420	Civil Works - Zone 1G - Place asphalt (Incl Prime and Seal)	10d	18-Feb-23	06-Mar-23	21d
DP-1G-CW-1500	Civil Works - Zone 1G - Shift Traffic to Kerb and Shoulder Lanes	3d	07-Mar-23	09-Mar-23	29d
Civil Works - Stormwater Drainage		83d	09-Dec-22	17-May-23	21d
Southbound		13d	09-Dec-22	13-Jan-23	21d
DP-1G-DR-1000	Drainage Works - Zone 1G - Stormwater RCP 375 - Excav/Lay/Bfill (Southbound)	13d	09-Dec-22	13-Jan-23	21d
Northbound		11d	17-Jan-23	02-Feb-23	21d
DP-1G-DR-1020	Drainage Works - Zone 1G - Stormwater RCP 375 - Excav/Lay/Bfill (Northbound)	11d	17-Jan-23	02-Feb-23	21d
Undertrack		36d	10-Mar-23	17-May-23	21d
DP-1G-DR-1040	Drainage Works - Zone 1G - Stormwater RCP 375 - Excav/Lay/Bfill (Undertrack)	36d	10-Mar-23	17-May-23	21d
Civil Works - Rail Corridor		89d	09-Mar-23	29-Jul-23	21d
DP-1G-CW-1000	Civil Works - Zone 1G - Shift Traffic to Kerb and Shoulder Lanes	0d		09-Mar-23	21d
DP-1G-CW-1040	Civil Works - Zone 1G - Demo/Clear/Grub	1d	10-Mar-23	10-Mar-23	56d
DP-1G-CW-2100	Civil Works - Zone 1G - Profile central median and asphalt	4d	18-May-23	22-May-23	21d
DP-1G-CW-1100	Civil Works - Zone 1G - Bulk and Detail excavation	14d	23-May-23	09-Jun-23	21d
DP-1G-CW-1120	Civil Works - Zone 1G - Flooding and compact subgrade	10d	13-Jun-23	26-Jun-23	21d
DP-1G-CW-1140	Civil Works - Zone 1G - Install CSR conduits and Pits	6d	27-Jun-23	05-Jul-23	21d
DP-1G-CW-1160	Civil Works - Zone 1G - Place and Compact Type 2.1 Road base	8d	06-Jul-23	15-Jul-23	21d
DP-1G-CW-1360	Civil Works - Zone 1G - Final trim and survey	10d	17-Jul-23	28-Jul-23	21d
DP-1G-CW-1180	Civil Works - Zone 1G - Spray bitumen chip seal	1d	29-Jul-23	29-Jul-23	21d



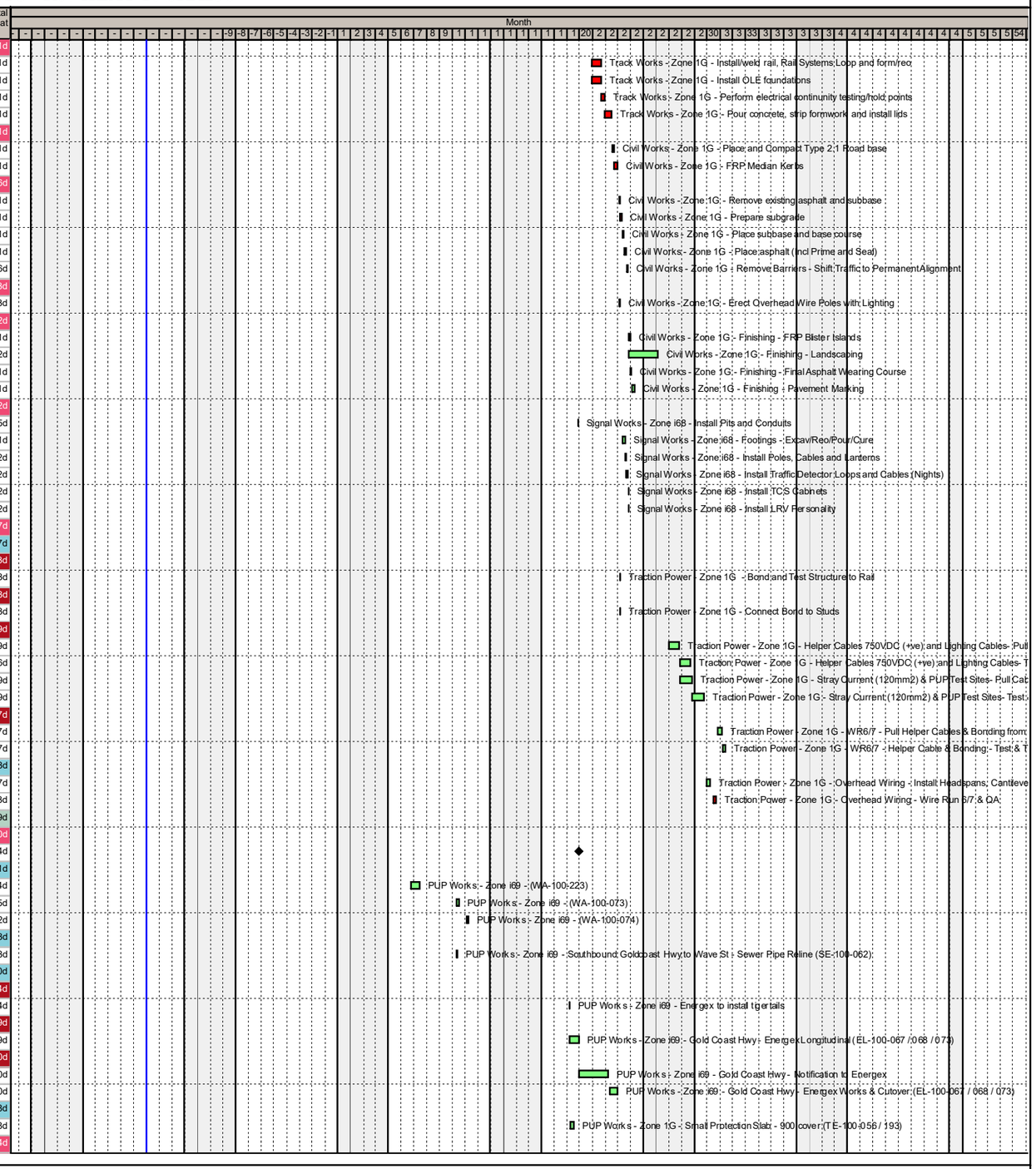
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Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Civil Works - Track		31d	31-Jul-23	15-Sep-23	21d
DP-1G-TW-1000	Track Works - Zone 1G - Install/weld rail, Rail Systems Loop and form/reo	14d	31-Jul-23	21-Aug-23	21d
DP-1G-TW-1020	Track Works - Zone 1G - Install OLE foundations	14d	31-Jul-23	21-Aug-23	21d
DP-1G-TW-1040	Track Works - Zone 1G - Perform electrical continunity testing/hold points	6d	22-Aug-23	30-Aug-23	21d
DP-1G-TW-1080	Track Works - Zone 1G - Pour concrete, strip formwork and install lids	11d	31-Aug-23	15-Sep-23	21d
Civil Works - Reinstate Track Verge		11d	18-Sep-23	29-Sep-23	21d
DP-1G-CW-1200	Civil Works - Zone 1G - Place and Compact Type 2.1 Road base	4d	18-Sep-23	21-Sep-23	21d
DP-1G-CW-1700	Civil Works - Zone 1G - FRP Median Kerbs	7d	22-Sep-23	29-Sep-23	21d
Civil Works - Central Lanes		16d	04-Oct-23	25-Oct-23	26d
DP-1G-CW-1820	Civil Works - Zone 1G - Remove existing asphalt and subbase	2d	04-Oct-23	05-Oct-23	21d
DP-1G-CW-1840	Civil Works - Zone 1G - Prepare subgrade	4d	06-Oct-23	10-Oct-23	21d
DP-1G-CW-1880	Civil Works - Zone 1G - Place subbase and base course	2d	12-Oct-23	13-Oct-23	21d
DP-1G-CW-1760	Civil Works - Zone 1G - Place asphalt (Incl Prime and Seal)	5d	16-Oct-23	20-Oct-23	21d
DP-1G-CW-1780	Civil Works - Zone 1G - Remove Barriers - Shift Traffic to Permanent Alignment	3d	23-Oct-23	25-Oct-23	26d
Civil Works - System Fitout		2d	04-Oct-23	05-Oct-23	193d
DP-1G-CW-1660	Civil Works - Zone 1G - Erect Overhead Wire Poles with Lighting	2d	04-Oct-23	05-Oct-23	193d
Civil Works - Finishing		33d	26-Oct-23	03-Jan-24	312d
DP-1G-CW-5000	Civil Works - Zone 1G - Finishing - FRP Blister Islands	3d	26-Oct-23	30-Oct-23	291d
DP-1G-CW-5060	Civil Works - Zone 1G - Finishing - Landscaping	33d	26-Oct-23	03-Jan-24	312d
DP-1G-CW-5020	Civil Works - Zone 1G - Finishing - Final Asphalt Wearing Course	3d	31-Oct-23	02-Nov-23	291d
DP-1G-CW-5040	Civil Works - Zone 1G - Finishing - Pavement Marking	2d	03-Nov-23	09-Nov-23	291d
Traffic Control Systems (TCS)		85d	27-Jun-23	27-Oct-23	212d
DP-I68-TCS-1000	Signal Works - Zone i68 - Install Pits and Conduits	2d	27-Jun-23	28-Jun-23	25d
DP-I68-TCS-1040	Signal Works - Zone i68 - Footings - Excav/Reo/Pour/Cure	4d	12-Oct-23	17-Oct-23	151d
DP-I68-TCS-1060	Signal Works - Zone i68 - Install Poles, Cables and Lanterns	3d	18-Oct-23	20-Oct-23	212d
DP-I68-TCS-1080	Signal Works - Zone i68 - Install Traffic Detector Loops and Cables (Nights)	3d	21-Oct-23	24-Oct-23	212d
DP-I68-TCS-1100	Signal Works - Zone i68 - Install TCS Cabinets	1d	26-Oct-23	26-Oct-23	212d
DP-I68-TCS-1120	Signal Works - Zone i68 - Install LRV Personality	1d	27-Oct-23	27-Oct-23	212d
Traction Power & Overhead Line		141d	06-Oct-23	14-Jun-24	107d
CSR Cabling		141d	06-Oct-23	14-Jun-24	107d
Structure-to-Track		1d	06-Oct-23	06-Oct-23	203d
DP-1G-BC-1260	Traction Power - Zone 1G - Bond and Test Structure to Rail	1d	06-Oct-23	06-Oct-23	203d
Track-to-Track		1d	06-Oct-23	06-Oct-23	203d
DP-1G-BC-1000	Traction Power - Zone 1G - Connect Bond to Studs	1d	06-Oct-23	06-Oct-23	203d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	139d
DP-1G-HC-1020	Traction Power - Zone 1G - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	139d
DP-1G-HC-1110	Traction Power - Zone 1G - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	156d
DP-1G-ST-1020	Traction Power - Zone 1G - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	139d
DP-1G-ST-1040	Traction Power - Zone 1G - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	139d
Pit-to-OLE		12d	27-May-24	14-Jun-24	107d
DP-1G-HC-1060	Traction Power - Zone 1G - WR6/7 - Pull Helper Cables & Bonding from Pit to OHL	8d	27-May-24	06-Jun-24	107d
DP-1G-HC-1080	Traction Power - Zone 1G - WR6/7 - Helper Cable & Bonding - Test & Terminate	4d	07-Jun-24	14-Jun-24	107d
Overhead Line		15d	29-Apr-24	21-May-24	83d
DP-1G-OH-1020	Traction Power - Zone 1G - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	87d
DP-1G-OH-1040	Traction Power - Zone 1G - Overhead Wiring - Wire Run 6/7 & QA	4d	17-May-24	21-May-24	83d
Zone i69 Intersection - Med Term Closure - Wave St (Ch 35,870 - 35,905) - 35m		513d	26-May-22	28-Jun-24	189d
Public Utilities Plant Works		334d	26-May-22	29-Sep-23	220d
DP-I69-MS-1000	PUP Works - Zone i69 - Conduits and Pipes Complete - Civil work to Commence	0d		29-Jun-23	194d
CoGC - Water		95d	26-May-22	08-Oct-22	321d
DP-i69-WT-1000	PUP Works - Zone i69 - (WA-100-223)	14d	26-May-22	15-Jun-22	134d
DP-i69-WT-1020	PUP Works - Zone i69 - (WA-100-073)	6d	10-Sep-22	17-Sep-22	335d
DP-i69-WT-1580	PUP Works - Zone i69 - (WA-100-074)	3d	06-Oct-22	08-Oct-22	232d
CoGC - Sewer		2d	10-Sep-22	12-Sep-22	103d
DP-i69-SW-1100	PUP Works - Zone i69 - Southbound Goldcoast Hwy to Wave St - Sewer Pipe Reline (SE-100-062)	2d	10-Sep-22	12-Sep-22	103d
Energex		81d	08-Jun-23	29-Sep-23	220d
Pre-Works		1d	08-Jun-23	08-Jun-23	204d
DP-I69-EG-1270	PUP Works - Zone i69 - Energex to install tigertails	1d	08-Jun-23	08-Jun-23	204d
Conduits & Pits		15d	08-Jun-23	29-Jun-23	89d
DP-I69-EG-1000	PUP Works - Zone i69 - Gold Coast Hwy - Energex Longitudinal (EL-100-067 / 068 / 073)	15d	08-Jun-23	29-Jun-23	89d
Energex Works		65d	30-Jun-23	29-Sep-23	220d
DP-I69-EG-2000	PUP Works - Zone i69 - Gold Coast Hwy - Notification to Energex	50d	30-Jun-23	08-Sep-23	220d
DP-I69-EG-2010	PUP Works - Zone i69 - Gold Coast Hwy - Energex Works & Cutover (EL-100-067 / 068 / 073)	15d	11-Sep-23	29-Sep-23	220d
Telstra		5d	09-Jun-23	17-Jun-23	178d
DP-I69-TLS-1240	PUP Works - Zone 1G - Small Protection Slab - 900 cover (TE-100-056 / 193)	5d	09-Jun-23	17-Jun-23	178d
Street Lighting Relocations		2d	30-Jun-23	03-Jul-23	194d



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JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I69-Stl-1000	Lighting Works - Zone i69 - Install Temporary Street Lighting	1d	30-Jun-23	30-Jun-23	194d
DP-I69-Stl-1020	Lighting Works - Zone i69 - Removal of Existing Lighting	1d	03-Jul-23	03-Jul-23	194d
Civil Works - Kerb and Shoulder Lanes		12d	09-Dec-22	09-Jan-23	311d
DP-I69-CW-1520	Civil Works - Zone i69 - Shift Traffic to Median Lanes	1d	09-Dec-22	09-Dec-22	310d
DP-I69-CW-1720	Civil Works - Zone i69 - Remove existing asphalt and subbase	1d	10-Dec-22	10-Dec-22	274d
DP-I69-CW-1480	Civil Works - Zone i69 - Replace kerb and channel at PUP crossings	0d	12-Dec-22	12-Dec-22	274d
DP-I69-CW-2120	Civil Works - Zone i69 - Prepare subgrade	1d	12-Dec-22	12-Dec-22	274d
DP-I69-CW-1620	Civil Works - Zone i69 - Place subbase and base course	1d	13-Dec-22	13-Dec-22	274d
DP-I69-CW-1420	Civil Works - Zone i69 - Place asphalt (Incl Primer Seal)	4d	15-Dec-22	05-Jan-23	274d
DP-I69-CW-1500	Civil Works - Zone i69 - Shift Traffic to Kerb and Shoulder Lanes	1d	09-Jan-23	09-Jan-23	311d
Civil Works - Stormwater Drainage		3d	10-Jan-23	13-Jan-23	273d
Undertrack		3d	10-Jan-23	13-Jan-23	273d
DP-I69-DR-1040	Drainage Works - Zone i69 - Wave St - DN 525 Stormwater Excav/Lay/Bfill (Southbound)(Night)	3d	10-Jan-23	13-Jan-23	273d
Civil Works - Rail Corridor		115d	09-Jan-23	15-Jul-23	170d
DP-I69-CW-1000	Civil Works - Zone i69 - Shift Traffic to Kerb and Shoulder Lanes	0d		09-Jan-23	273d
DP-I69-CW-1040	Civil Works - Zone i69 - Demo/Clear/Grub	1d	04-Jul-23	04-Jul-23	170d
DP-I69-CW-2100	Civil Works - Zone i69 - Profile central median and asphalt	1d	05-Jul-23	05-Jul-23	170d
DP-I69-CW-1100	Civil Works - Zone i69 - Bulk and Detail excavation	2d	06-Jul-23	07-Jul-23	170d
DP-I69-CW-1120	Civil Works - Zone i69 - Flooding and compact subgrade	1d	08-Jul-23	08-Jul-23	170d
DP-I69-CW-1140	Civil Works - Zone i69 - Install CSR conduits and Pits	1d	10-Jul-23	10-Jul-23	171d
DP-I69-CW-1160	Civil Works - Zone i69 - Place and Compact Type 2.1 Road base	1d	13-Jul-23	13-Jul-23	170d
DP-I69-CW-1360	Civil Works - Zone i69 - Final trim and survey	1d	14-Jul-23	14-Jul-23	170d
DP-I69-CW-1180	Civil Works - Zone i69 - Spray bitumen chip seal	1d	15-Jul-23	15-Jul-23	170d
Civil Works - Track		4d	17-Jul-23	20-Jul-23	170d
DP-I69-TW-1000	Track Works - Zone i69 - Install/weld rail, Rail Systems Loop and form/reo	1d	17-Jul-23	17-Jul-23	170d
DP-I69-TW-1020	Track Works - Zone i69 - Install OLE foundations	1d	17-Jul-23	17-Jul-23	170d
DP-I69-TW-1040	Track Works - Zone i69 - Perform electrical continuity testing/hold points	1d	18-Jul-23	18-Jul-23	170d
DP-I69-TW-1080	Track Works - Zone i69 - Pour concrete, strip formwork and install lids	2d	19-Jul-23	20-Jul-23	170d
Civil Works - Reinstate Track Verge		1d	21-Jul-23	21-Jul-23	170d
DP-I69-CW-1200	Civil Works - Zone i69 - Place and Compact Type 2.1 Road base	1d	21-Jul-23	21-Jul-23	170d
Civil Works - Central Lanes		7d	24-Jul-23	01-Aug-23	196d
DP-I69-CW-1820	Civil Works - Zone i69 - Remove existing asphalt and subbase	1d	24-Jul-23	24-Jul-23	170d
DP-I69-CW-1840	Civil Works - Zone i69 - Prepare Subgrade	1d	25-Jul-23	25-Jul-23	170d
DP-I69-CW-1880	Civil Works - Zone i69 - Place subbase and base course	1d	26-Jul-23	26-Jul-23	170d
DP-I69-CW-1760	Civil Works - Zone i69 - Place asphalt (Incl Primer Seal)	4d	27-Jul-23	31-Jul-23	170d
DP-I69-CW-1780	Civil Works - Zone i69 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	01-Aug-23	01-Aug-23	196d
Civil Works - System Fitout		1d	04-Oct-23	04-Oct-23	194d
DP-I69-CW-1660	Civil Works - Zone i69 - Erect Overhead Wire Poles with Lighting	1d	04-Oct-23	04-Oct-23	194d
Civil Works - Finishing		162d	02-Aug-23	14-May-24	203d
DP-I69-CW-5020	Civil Works - Zone i69 - Finishing - Final Asphalt Wearing Course	1d	02-Aug-23	02-Aug-23	362d
DP-I69-CW-5040	Civil Works - Zone i69 - Finishing - Pavement Marking	2d	10-May-24	14-May-24	203d
Traffic Control Systems (TCS)		24d	10-Jul-23	09-Aug-23	264d
DP-I69-TCS-1000	Signal Works - Zone i69 - Install Pits and Conduits	2d	10-Jul-23	11-Jul-23	170d
DP-I69-TCS-1040	Signal Works - Zone i69 - Footings - Excav/Reo/Pour/Cure	4d	26-Jul-23	29-Jul-23	203d
DP-I69-TCS-1060	Signal Works - Zone i69 - Install Poles, Cables and Lanterns	3d	31-Jul-23	02-Aug-23	264d
DP-I69-TCS-1080	Signal Works - Zone i69 - Install Traffic Detector Loops and Cables (Nights)	3d	03-Aug-23	07-Aug-23	264d
DP-I69-TCS-1100	Signal Works - Zone i69 - Install TCS Cabinets	1d	08-Aug-23	08-Aug-23	264d
DP-I69-TCS-1120	Signal Works - Zone i69 - Install LRV Personality	1d	09-Aug-23	09-Aug-23	264d
Traction Power & Overhead Line		154d	05-Oct-23	28-Jun-24	93d
CSR Cabling		154d	05-Oct-23	28-Jun-24	93d
Structure-to-Track		1d	05-Oct-23	05-Oct-23	208d
DP-I69-BC-1280	Traction Power - Zone i69 - Bond and Test Structure to Rail	1d	05-Oct-23	05-Oct-23	208d
Track-to-Track		1d	05-Oct-23	05-Oct-23	208d
DP-I69-BC-1000	Traction Power - Zone i69 - Connect Bond to Studs	1d	05-Oct-23	05-Oct-23	208d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	137d
DP-I69-HC-1020	Traction Power - Zone i69 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	99d
DP-I69-HC-1040	Traction Power - Zone i69 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	154d
DP-I69-ST-1020	Traction Power - Zone i69 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	99d
DP-I69-ST-1040	Traction Power - Zone i69 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	137d
Pit-to-OLE		16d	07-Jun-24	28-Jun-24	93d
DP-I69-HC-1080	Traction Power - Zone i69 - WR8/9 - Pull Helper Cables & Bonding from Pit to OHL	11d	07-Jun-24	22-Jun-24	93d
DP-I69-HC-1100	Traction Power - Zone i69 - WR8/9 - Helper Cable & Bonding - Test & Terminate	5d	24-Jun-24	28-Jun-24	93d
Overhead Line		19d	29-Apr-24	25-May-24	83d
DP-I69-OH-1020	Traction Power - Zone i69 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	91d
DP-I69-OH-1040	Traction Power - Zone i69 - Overhead Wiring - Wire Run 8/9 & QA	4d	22-May-24	25-May-24	83d



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JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Zone 1H (Ch 35,905 - 36,140) - 235m		434d	15-Sep-22	28-Jun-24	233d
Public Utilities Plant Works		201d	15-Sep-22	17-Jul-23	97d
DP-1H-MS-1000	PUP Works - Zone 1H - Conduits and Pipes Complete - Civil work to Commence	0d		17-Jul-23	97d
CoGC - Sewer		2d	15-Sep-22	16-Sep-22	102d
DP-1H-SW-1060	PUP Works - Zone 1H - Goldcoast Hwy Crossing from Dolphin Ave - Sewer Pipe Reline (SE-100-066)	2d	15-Sep-22	16-Sep-22	102d
Telstra		11d	30-Jun-23	15-Jul-23	89d
Trench (D&C Contractor)		11d	30-Jun-23	15-Jul-23	89d
DP-1H-TLS-1000	PUP Works - Zone 1H - Major Protection Slab (TE-100-053 / 204 / TE-200-062 / 064)	11d	30-Jun-23	15-Jul-23	89d
Street Lighting Relocations		3d	17-Jul-23	19-Jul-23	149d
DP-1H-Stl-1000	Lighting Works - Zone 1H - Install Temporary Street Lighting	1d	17-Jul-23	17-Jul-23	149d
DP-1H-Stl-1020	Lighting Works - Zone 1H - Removal of Existing Lighting	2d	18-Jul-23	19-Jul-23	149d
Civil Works - Kerb and Shoulder Lanes		31d	26-Oct-23	07-Dec-23	26d
DP-1H-CW-1520	Civil Works - Zone 1H - Shift Traffic to Median Lanes	2d	26-Oct-23	27-Oct-23	26d
DP-1H-CW-1720	Civil Works - Zone 1H - Remove existing asphalt and subbase	3d	30-Oct-23	01-Nov-23	25d
DP-1H-CW-1480	Civil Works - Zone 1H - Replace kerb and channel at PUP crossings	0d	02-Nov-23	02-Nov-23	25d
DP-1H-CW-2120	Civil Works - Zone 1H - Prepare subgrade	6d	11-Nov-23	18-Nov-23	21d
DP-1H-CW-1620	Civil Works - Zone 1H - Place subbase and base course	3d	20-Nov-23	24-Nov-23	21d
DP-1H-CW-1420	Civil Works - Zone 1H - Place asphalt (Incl Prime and Seal)	6d	29-Nov-23	05-Dec-23	21d
DP-1H-CW-1500	Civil Works - Zone 1H - Shift Traffic to Kerb and Shoulder Lanes	2d	06-Dec-23	07-Dec-23	26d
Civil Works - Stormwater Drainage		49d	21-Oct-23	25-Jan-24	22d
Northbound		7d	30-Oct-23	10-Nov-23	21d
DP-1H-DR-1000	Drainage Works - Zone 1H - Goldcoast Hwy - DN375 Stormwater RCP - Excav/Lay/Bfill (Northbound)	1d	30-Oct-23	30-Oct-23	21d
DP-1H-DR-1080	Drainage Works - Zone 1H - Goldcoast Hwy - DN750 Stormwater RCP - Excav/Lay/Bfill (Northbound)	6d	31-Oct-23	10-Nov-23	21d
Undertrack		49d	21-Oct-23	25-Jan-24	22d
DP-1H-DR-1090	IR Risk Year 2 - 2023	5d	21-Oct-23	27-Oct-23	0d
DP-1H-DR-1040	Drainage Works - Zone 1H - Goldcoast Hwy - Stormwater RCP 375/450/525 - Excav/Lay/Bfill (Undertracking)	21d	08-Dec-23	25-Jan-24	22d
Civil Works - Rail Corridor		48d	07-Dec-23	12-Mar-24	22d
DP-1H-CW-1000	Civil Works - Zone 1H - Shift Traffic to Kerb and Shoulder Lanes	0d		07-Dec-23	22d
DP-1H-CW-1040	Civil Works - Zone 1H - Demo/Clear/Grub	1d	08-Dec-23	08-Dec-23	42d
DP-1H-CW-2100	Civil Works - Zone 1H - Profile central median and asphalt	2d	29-Jan-24	30-Jan-24	22d
DP-1H-CW-1100	Civil Works - Zone 1H - Bulk and Detail excavation (Includes protection of Telstra Asset TE-100-053)	7d	01-Feb-24	10-Feb-24	22d
DP-1H-CW-1120	Civil Works - Zone 1H - Flooding and compact subgrade	5d	12-Feb-24	16-Feb-24	22d
DP-1H-CW-1140	Civil Works - Zone 1H - Install CSR conduits and Pits	3d	22-Feb-24	24-Feb-24	22d
DP-1H-CW-1160	Civil Works - Zone 1H - Place and Compact Type 2.1 Road base	4d	26-Feb-24	01-Mar-24	22d
DP-1H-CW-1360	Civil Works - Zone 1H - Final trim and survey	5d	04-Mar-24	11-Mar-24	22d
DP-1H-CW-1180	Civil Works - Zone 1H - Spray bitumen chip seal	1d	12-Mar-24	12-Mar-24	22d
Civil Works - Track		16d	13-Mar-24	16-Apr-24	22d
DP-1H-TW-1000	Track Works - Zone 1H - Install/weld rail, Rail Systems Loop and form/reo	7d	13-Mar-24	25-Mar-24	22d
DP-1H-TW-1020	Track Works - Zone 1H - Install OLE foundations	7d	13-Mar-24	25-Mar-24	22d
DP-1H-TW-1040	Track Works - Zone 1H - Perform electrical continunity testing/hold points	3d	26-Mar-24	08-Apr-24	22d
DP-1H-TW-1080	Track Works - Zone 1H - Pour concrete, strip formwork and install lids	6d	09-Apr-24	16-Apr-24	22d
Civil Works - Reinstate Track Verge		6d	18-Apr-24	24-Apr-24	22d
DP-1H-CW-1200	Civil Works - Zone 1H - Place and Compact Type 2.1 Road base	2d	18-Apr-24	19-Apr-24	22d
DP-1H-CW-1700	Civil Works - Zone 1H - FRP Median Kerbs	4d	20-Apr-24	24-Apr-24	22d
Civil Works - Central Lanes		14d	26-Apr-24	16-May-24	245d
DP-1H-CW-1820	Civil Works - Zone 1H - Remove existing asphalt and subbase	2d	26-Apr-24	29-Apr-24	218d
DP-1H-CW-1840	Civil Works - Zone 1H - Prepare subgrade	3d	30-Apr-24	02-May-24	218d
DP-1H-CW-1880	Civil Works - Zone 1H - Place subbase and base course	1d	03-May-24	03-May-24	218d
DP-1H-CW-1760	Civil Works - Zone 1H - Place asphalt (Incl Prime and Seal)	5d	07-May-24	14-May-24	218d
DP-1H-CW-1780	Civil Works - Zone 1H - Remove Barriers - Shift Traffic to Permanent Alignment	2d	15-May-24	16-May-24	245d
Civil Works - System Fitout		40d	26-Apr-24	22-Jun-24	89d
DP-1H-CW-1660	Civil Works - Zone 1H - Erect Overhead Wire Poles with Lighting	1d	26-Apr-24	26-Apr-24	83d
DP-1H-CW-1680	Civil Works - Zone 1H - FRP island platform Stop NBE Incl Conduits	10d	26-Apr-24	10-May-24	22d
DP-1H-BW-1040	Building Works - Zone 1H - Stop NBE - Fitout	16d	14-May-24	04-Jun-24	89d
DP-1H-CW-1900	Civil Works - Zone 1H - Install island platform Stop NBE Membrane structure Incl Membrane	16d	14-May-24	04-Jun-24	22d
DP-1H-BW-1080	Building Works - Zone 1H - Stop NBE - LV distribution board, cabling & fitout	5d	31-May-24	06-Jun-24	22d
DP-1H-BW-1060	Building Works - Zone 1H - Stop NBE - Install comms/UPS cabinets	1d	05-Jun-24	05-Jun-24	88d
DP-1H-BW-1100	Building Works - Zone 1H - Stop NBE - Commission	11d	07-Jun-24	22-Jun-24	87d
Civil Works - Finishing		32d	17-May-24	28-Jun-24	206d
DP-1H-CW-5000	Civil Works - Zone 1H - Finishing - FRP Blister Islands	0d	17-May-24	17-May-24	220d
DP-1H-CW-5020	Civil Works - Zone 1H - Finishing - Final Asphalt Wearing Course	2d	17-May-24	18-May-24	220d
DP-1H-CW-5060	Civil Works - Zone 1H - Finishing - Landscaping	18d	17-May-24	11-Jun-24	220d
DP-1H-CW-5040	Civil Works - Zone 1H - Finishing - Pavement Marking	2d	27-Jun-24	28-Jun-24	192d
Traction Power & Overhead Line		76d	26-Feb-24	28-Jun-24	93d
CSR Cabling		76d	26-Feb-24	28-Jun-24	93d



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JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Structure-to-Track		1d	29-Apr-24	29-Apr-24	97d
DP-1H-BC-1300	Traction Power - Zone 1H - Bond and Test Structure to Rail	1d	29-Apr-24	29-Apr-24	97d
Track-to-Track		1d	29-Apr-24	29-Apr-24	97d
DP-1H-BC-1020	Traction Power - Zone 1H - Connect Bond to Studs	1d	29-Apr-24	29-Apr-24	97d
Pit-to-Pit		15d	26-Feb-24	22-Mar-24	154d
DP-1H-HC-1020	Traction Power - Zone 1H - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	5d	26-Feb-24	04-Mar-24	154d
DP-1H-ST-1000	Traction Power - Zone 1H - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	5d	07-Mar-24	12-Mar-24	154d
DP-1H-HC-1130	Traction Power - Zone 1H - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	5d	07-Mar-24	12-Mar-24	159d
DP-1H-ST-1020	Traction Power - Zone 1H - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	5d	13-Mar-24	22-Mar-24	154d
Pit-to-OLE		16d	07-Jun-24	28-Jun-24	93d
DP-1H-HC-1080	Traction Power - Zone 1H - WR8/9 - Pull Helper Cables & Bonding from Pit to OHL	11d	07-Jun-24	22-Jun-24	93d
DP-1H-HC-1100	Traction Power - Zone 1H - WR8/9 - Helper Cable & Bonding - Test & Terminate	5d	24-Jun-24	28-Jun-24	93d
Overhead Line		19d	29-Apr-24	25-May-24	83d
DP-1H-OH-1020	Traction Power - Zone 1H - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	91d
DP-1H-OH-1040	Traction Power - Zone 1H - Overhead Wiring - Wire Run 8/9 & QA	4d	22-May-24	25-May-24	83d
Zone i70 Intersection - Med Term Closure - Chairlift Ave & Albicore St (Ch 36,140 - 36,190) - 50m		437d	15-Sep-22	03-Jul-24	216d
Public Utilities Plant Works		239d	15-Sep-22	07-Sep-23	236d
DP-I70-MS-1000	PUP Works - Zone i70 - Conduits and Pipes Complete - Civil work to Commence	0d		07-Sep-23	170d
CoGC - Water		10d	10-Oct-22	21-Oct-22	336d
DP-i70-WT-1000	PUP Works - Zone i70 - (WA-200-083)	10d	10-Oct-22	21-Oct-22	336d
CoGC - Sewer		100d	15-Sep-22	07-Mar-23	158d
DP-i70-SW-1080	PUP Works - Zone i70 - Southbound Goldcoast Hwy at Chairlift Ave - Sewer Pipe Reline (SE-100-069)	2d	15-Sep-22	16-Sep-22	102d
DP-i70-SW-1120	PUP Works - Zone i70 - Chairlift Ave - Sewer Pipe Reline (SE-100-072)	2d	17-Sep-22	19-Sep-22	102d
DP-i70-SW-1100	PUP Works - Zone i70 - Dolphin Ave - Sewer Rising Main (SE-100-071) (Civil)	3d	03-Mar-23	07-Mar-23	158d
Energex		97d	16-Mar-23	03-Aug-23	260d
Pre-Works		1d	05-May-23	05-May-23	175d
DP-I70-EG-1310	PUP Works - Zone i70 - Energex to install tigertails	1d	05-May-23	05-May-23	175d
Conduits & Pits		37d	16-Mar-23	19-May-23	128d
DP-I70-EG-1330	PUP Works - Zone i70 - Chairlift Ave - Energex Xing (Drill) (EL-200-075)	17d	16-Mar-23	18-Apr-23	148d
DP-I70-EG-1020	PUP Works - Zone i70 - Chairlift Ave - Energex Xing (Civil) (EL-200-075) Temporary Protection Slab (EL-200-1	10d	05-May-23	19-May-23	128d
Energex Works		65d	05-May-23	03-Aug-23	260d
DP-I70-EG-2000	PUP Works - Zone i70 - Chairlift Ave - Notification to Energex	50d	05-May-23	13-Jul-23	260d
DP-I70-EG-2010	PUP Works - Zone i70 - Chairlift Ave - Energex Works & Cutover (EL-200-075)	15d	14-Jul-23	03-Aug-23	260d
Telstra		23d	06-Jul-23	03-Aug-23	121d
DP-I70-TLS-1460	PUP Works - Zone i70 Chairlift Ave - Trench Relocate Future Proof (TE-200-058 / 404 / 100-414) protect TE-2	23d	06-Jul-23	03-Aug-23	121d
NBN		21d	04-Aug-23	07-Sep-23	121d
DP-I70-NB-1300	PUP Works - Zone i70 - Chairlift Ave - NBN inside TE-200-058	21d	04-Aug-23	07-Sep-23	121d
Street Lighting Relocations		2d	08-Sep-23	11-Sep-23	184d
DP-I70-Stl-1000	Lighting Works - Zone i70 - Install Temporary Street Lighting	1d	08-Sep-23	08-Sep-23	184d
DP-I70-Stl-1020	Lighting Works - Zone i70 - Removal of Existing Lighting	1d	11-Sep-23	11-Sep-23	184d
Civil Works - Kerb and Shoulder Lanes		16d	30-Oct-23	20-Nov-23	135d
DP-I70-CW-1520	Civil Works - Zone i70 - Shift Traffic to Median Lanes	1d	30-Oct-23	30-Oct-23	135d
DP-I70-CW-1720	Civil Works - Zone i70 - Remove existing asphalt and subbase	1d	31-Oct-23	31-Oct-23	116d
DP-I70-CW-1480	Civil Works - Zone i70 - Replace kerb and channel at PUP crossings	0d	01-Nov-23	01-Nov-23	116d
DP-I70-CW-2120	Civil Works - Zone i70 - Prepare subgrade	2d	09-Nov-23	10-Nov-23	113d
DP-I70-CW-1620	Civil Works - Zone i70 - Place subbase and base course	2d	11-Nov-23	13-Nov-23	113d
DP-I70-CW-1420	Civil Works - Zone i70 - Place asphalt (Incl Primer Seal)	4d	14-Nov-23	18-Nov-23	113d
DP-I70-CW-1500	Civil Works - Zone i70 - Shift Traffic to Kerb and Shoulder Lanes	1d	20-Nov-23	20-Nov-23	135d
Civil Works - Stormwater Drainage		4d	31-Oct-23	03-Nov-23	113d
Southbound		4d	31-Oct-23	03-Nov-23	113d
DP-I70-DR-1000	Drainage Works - Zone i70 - Chairlift & Albicore St - Stormwater - RCP 600 - Excav/Lay/Bfill (Southbound)(Nigh	4d	31-Oct-23	03-Nov-23	113d
Civil Works - Rail Corridor		11d	20-Nov-23	09-Dec-23	113d
DP-I70-CW-1000	Civil Works - Zone i70 - Shift Traffic to Kerb and Shoulder Lanes	0d		20-Nov-23	113d
DP-I70-CW-1040	Civil Works - Zone i70 - Demo/Clear/Grub	1d	23-Nov-23	23-Nov-23	113d
DP-I70-CW-2100	Civil Works - Zone i70 - Profile central median and asphalt	1d	24-Nov-23	24-Nov-23	113d
DP-I70-CW-1100	Civil Works - Zone i70 - Bulk and Detail excavation	2d	29-Nov-23	30-Nov-23	113d
DP-I70-CW-1120	Civil Works - Zone i70 - Flooding and compact subgrade	1d	01-Dec-23	01-Dec-23	113d
DP-I70-CW-1140	Civil Works - Zone i70 - Install CSR conduits and Pits	1d	02-Dec-23	02-Dec-23	115d
DP-I70-CW-1160	Civil Works - Zone i70 - Place and Compact Type 2.1 Road base	1d	07-Dec-23	07-Dec-23	113d
DP-I70-CW-1360	Civil Works - Zone i70 - Final trim and survey	1d	08-Dec-23	08-Dec-23	113d
DP-I70-CW-1180	Civil Works - Zone i70 - Spray bitumen chip seal	1d	09-Dec-23	09-Dec-23	113d
Civil Works - Track		4d	11-Dec-23	15-Dec-23	113d
DP-I70-TW-1000	Track Works - Zone i70 - Install/weld rail, Rail Systems Loop and form/reo	2d	11-Dec-23	12-Dec-23	113d
DP-I70-TW-1020	Track Works - Zone i70 - Install OLE foundations	2d	11-Dec-23	12-Dec-23	113d
DP-I70-TW-1040	Track Works - Zone i70 - Perform electrical continunity testing/hold points	1d	14-Dec-23	14-Dec-23	113d



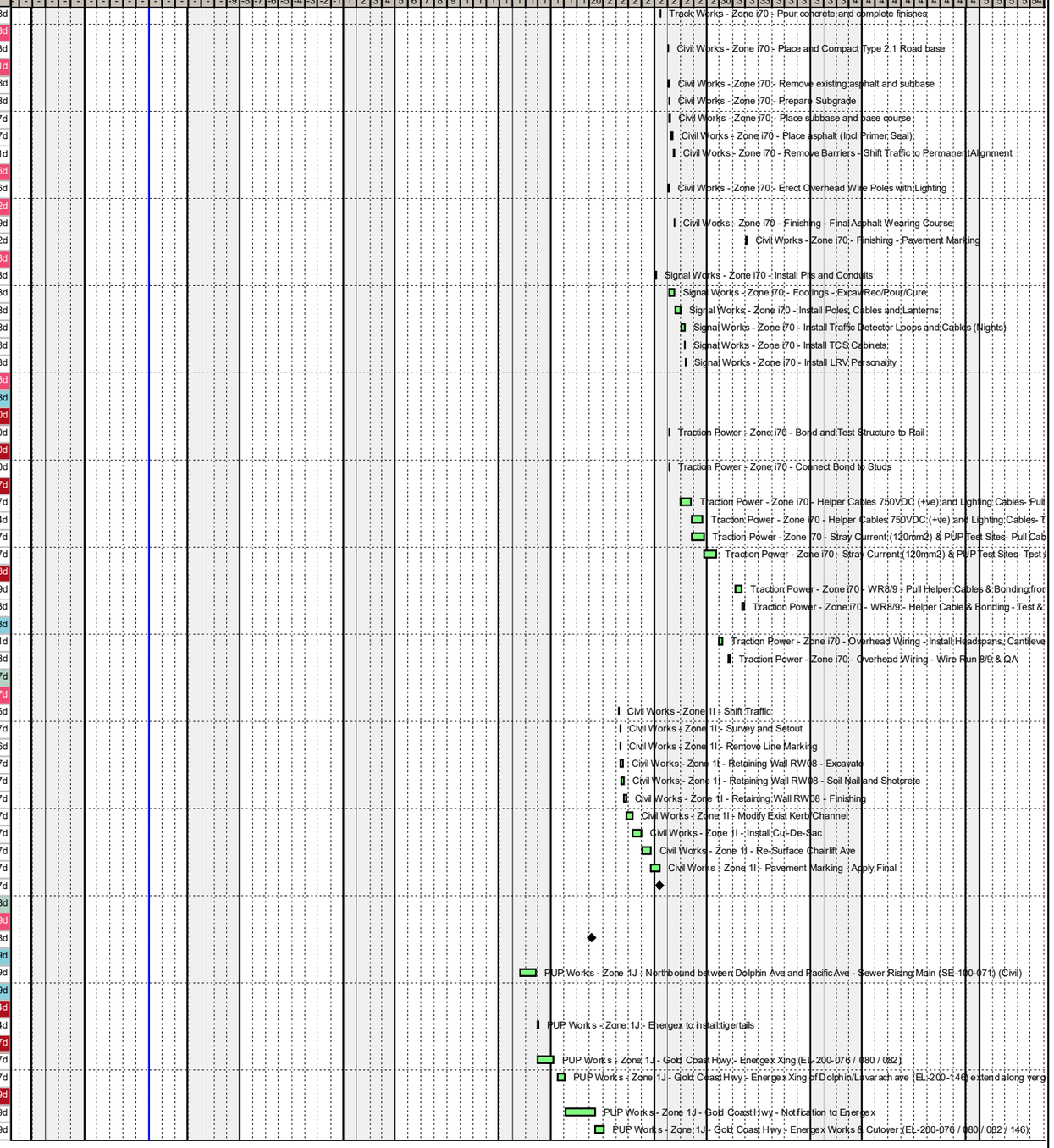
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I70-TW-1060	Track Works - Zone i70 - Pour concrete and complete finishes	1d	15-Dec-23	15-Dec-23	113d
Civil Works - Reinstate Track Verge		1d	02-Jan-24	02-Jan-24	113d
DP-I70-CW-1200	Civil Works - Zone i70 - Place and Compact Type 2.1 Road base	1d	02-Jan-24	02-Jan-24	113d
Civil Works - Central Lanes		6d	03-Jan-24	15-Jan-24	331d
DP-I70-CW-1820	Civil Works - Zone i70 - Remove existing asphalt and subbase	1d	03-Jan-24	03-Jan-24	113d
DP-I70-CW-1840	Civil Works - Zone i70 - Prepare Subgrade	1d	04-Jan-24	04-Jan-24	113d
DP-I70-CW-1880	Civil Works - Zone i70 - Place subbase and base course	1d	05-Jan-24	05-Jan-24	167d
DP-I70-CW-1760	Civil Works - Zone i70 - Place asphalt (Incl Primer Seal)	4d	08-Jan-24	12-Jan-24	167d
DP-I70-CW-1780	Civil Works - Zone i70 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	15-Jan-24	15-Jan-24	331d
Civil Works - System Fitout		1d	03-Jan-24	03-Jan-24	146d
DP-I70-CW-1660	Civil Works - Zone i70 - Erect Overhead Wire Poles with Lighting	1d	03-Jan-24	03-Jan-24	146d
Civil Works - Finishing		100d	16-Jan-24	03-Jul-24	192d
DP-I70-CW-5020	Civil Works - Zone i70 - Finishing - Final Asphalt Wearing Course	1d	16-Jan-24	16-Jan-24	289d
DP-I70-CW-5040	Civil Works - Zone i70 - Finishing - Pavement Marking	2d	02-Jul-24	03-Jul-24	192d
Traffic Control Systems (TCS)		35d	02-Dec-23	12-Feb-24	158d
DP-I70-TCS-1000	Signal Works - Zone i70 - Install Pits and Conduits	3d	02-Dec-23	05-Dec-23	113d
DP-I70-TCS-1040	Signal Works - Zone i70 - Footings - Excav/Reo/Pour/Cure	8d	05-Jan-24	16-Jan-24	113d
DP-I70-TCS-1060	Signal Works - Zone i70 - Install Poles, Cables and Lanterns	6d	18-Jan-24	30-Jan-24	158d
DP-I70-TCS-1080	Signal Works - Zone i70 - Install Traffic Detector Loops and Cables (Nights)	6d	01-Feb-24	09-Feb-24	158d
DP-I70-TCS-1100	Signal Works - Zone i70 - Install TCS Cabinets	1d	10-Feb-24	10-Feb-24	158d
DP-I70-TCS-1120	Signal Works - Zone i70 - Install LRV Personality	1d	12-Feb-24	12-Feb-24	158d
Traction Power & Overhead Line		106d	04-Jan-24	28-Jun-24	93d
CSR Cabling		106d	04-Jan-24	28-Jun-24	93d
Structure-to-Track		1d	04-Jan-24	04-Jan-24	160d
DP-I70-BC-1320	Traction Power - Zone i70 - Bond and Test Structure to Rail	1d	04-Jan-24	04-Jan-24	160d
Track-to-Track		1d	04-Jan-24	04-Jan-24	160d
DP-I70-BC-1000	Traction Power - Zone i70 - Connect Bond to Studs	1d	04-Jan-24	04-Jan-24	160d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	137d
DP-I70-HC-1020	Traction Power - Zone i70 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	137d
DP-I70-HC-1040	Traction Power - Zone i70 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	154d
DP-I70-ST-1040	Traction Power - Zone i70 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	137d
DP-I70-ST-1060	Traction Power - Zone i70 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	137d
Pit-to-OLE		16d	07-Jun-24	28-Jun-24	93d
DP-I70-HC-1130	Traction Power - Zone i70 - WR8/9 - Pull Helper Cables & Bonding from Pit to OHL	11d	07-Jun-24	22-Jun-24	89d
DP-I70-HC-1150	Traction Power - Zone i70 - WR8/9 - Helper Cable & Bonding - Test & Terminate	5d	24-Jun-24	28-Jun-24	93d
Overhead Line		19d	29-Apr-24	25-May-24	83d
DP-I70-OH-1020	Traction Power - Zone i70 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	91d
DP-I70-OH-1040	Traction Power - Zone i70 - Overhead Wiring - Wire Run 8/9 & QA	4d	22-May-24	25-May-24	83d
Zone 1I - Chairlift Ave (East) (Ch 36,140 - 36,190) - 20m		67d	08-Sep-23	12-Dec-23	307d
Civil Works		67d	08-Sep-23	12-Dec-23	307d
DP-1I-TM-1080	Civil Works - Zone 1I - Shift Traffic	1d	08-Sep-23	08-Sep-23	276d
DP-1I-CW-1020	Civil Works - Zone 1I - Survey and Setout	1d	11-Sep-23	11-Sep-23	307d
DP-1I-CW-1040	Civil Works - Zone 1I - Remove Line Marking	1d	12-Sep-23	12-Sep-23	316d
DP-1I-CW-1140	Civil Works - Zone 1I - Retaining Wall RW08 - Excavate	5d	12-Sep-23	18-Sep-23	307d
DP-1I-CW-1160	Civil Works - Zone 1I - Retaining Wall RW08 - Soil Nail and Shotcrete	5d	13-Sep-23	19-Sep-23	307d
DP-1I-CW-1180	Civil Works - Zone 1I - Retaining Wall RW08 - Finishing	4d	20-Sep-23	25-Sep-23	307d
DP-1I-CW-1060	Civil Works - Zone 1I - Modify Exist Kerb/Channel	10d	26-Sep-23	10-Oct-23	307d
DP-1I-CW-1080	Civil Works - Zone 1I - Install Cul-De-Sac	15d	11-Oct-23	31-Oct-23	307d
DP-1I-CW-1100	Civil Works - Zone 1I - Re-Surface Chairlift Ave	15d	01-Nov-23	21-Nov-23	307d
DP-1I-CW-1120	Civil Works - Zone 1I - Pavement Marking - Apply Final	15d	22-Nov-23	12-Dec-23	307d
DP-1I-TM-1120	Civil Works - Zone 1I - Shift Traffic Re-open Chairlift Ave	0d		12-Dec-23	307d
Zone 1J (Ch 36,190 - 36,546) - 356m		355d	19-Jan-23	28-Jun-24	233d
Public Utilities Plant Works		136d	19-Jan-23	03-Aug-23	259d
DP-1J-MS-1000	PUP Works - Zone 1J - Conduits and Pipes Complete - Civil work to Commence	0d		05-Jul-23	78d
CoGC - Sewer		25d	19-Jan-23	25-Feb-23	79d
DP-1J-SW-1140	PUP Works - Zone 1J - Northbound between Dolphin Ave and Pacific Ave - Sewer Rising Main (SE-100-071) (C	25d	19-Jan-23	25-Feb-23	79d
Energex		107d	02-Mar-23	03-Aug-23	259d
Pre-Works		1d	02-Mar-23	02-Mar-23	114d
DP-1J-EG-1330	PUP Works - Zone 1J - Energex to install tigertails	1d	02-Mar-23	02-Mar-23	114d
Conduits & Pits		34d	02-Mar-23	04-May-23	77d
DP-1J-EG-1000	PUP Works - Zone 1J - Gold Coast Hwy - Energex Xing (EL-200-076 / 080 / 082)	22d	02-Mar-23	06-Apr-23	77d
DP-1J-EG-1350	PUP Works - Zone 1J - Gold Coast Hwy - Energex Xing of Dolphin/Lavarach ave (EL-200-146) extend along ve	12d	17-Apr-23	04-May-23	77d
Energex Works		65d	05-May-23	03-Aug-23	259d
DP-1J-EG-2000	PUP Works - Zone 1J - Gold Coast Hwy - Notification to Energex	50d	05-May-23	13-Jul-23	259d
DP-1J-EG-2010	PUP Works - Zone 1J - Gold Coast Hwy - Energex Works & Cutover (EL-200-076 / 080 / 082 / 146)	15d	14-Jul-23	03-Aug-23	259d



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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Telstra		21d	05-May-23	03-Jun-23	77d
DP-1J-TLS-1470	PUP Works - Zone 1J - Trench & Relocate & Future Proofing (TE-200-058 / 404 / 355 / 061 / 063 / 368)	21d	05-May-23	03-Jun-23	77d
NBN		21d	05-Jun-23	05-Jul-23	77d
DP-1J-NB-1320	PUP Works - Zone 1J - Gold Coast Hwy - NBN inside TE-200-058 (TE-200-058a)	21d	05-Jun-23	05-Jul-23	77d
Street Lighting Relocations		6d	03-Mar-23	10-Mar-23	114d
DP-1J-Stl-1000	Lighting Works - Zone 1J - Install Temporary Street Lighting	2d	03-Mar-23	06-Mar-23	114d
DP-1J-Stl-1020	Lighting Works - Zone 1J - Removal of Existing Lighting	4d	07-Mar-23	10-Mar-23	114d
Civil Works - Kerb and Shoulder Lanes		55d	06-Jul-23	21-Sep-23	89d
DP-1J-CW-1520	Civil Works - Zone 1J - Shift Traffic to Median Lanes	2d	06-Jul-23	07-Jul-23	78d
DP-1J-CW-1720	Civil Works - Zone 1J - Remove existing asphalt and subbase	3d	08-Jul-23	11-Jul-23	103d
DP-1J-CW-1480	Civil Works - Zone 1J - Replace kerb and channel at PUP crossings	3d	13-Jul-23	15-Jul-23	103d
DP-1J-CW-1740	Civil Works - Zone 1J - FRP pedestrian footpath	5d	04-Aug-23	10-Aug-23	101d
DP-1J-CW-2120	Civil Works - Zone 1J - Prepare subgrade	7d	23-Aug-23	01-Sep-23	77d
DP-1J-CW-1620	Civil Works - Zone 1J - Place subbase and base course	3d	05-Sep-23	07-Sep-23	77d
DP-1J-CW-1420	Civil Works - Zone 1J - Place asphalt (Incl Prime and Seal)	8d	08-Sep-23	19-Sep-23	77d
DP-1J-CW-1500	Civil Works - Zone 1J - Shift Traffic to Kerb and Shoulder Lanes	2d	20-Sep-23	21-Sep-23	89d
Civil Works - Stormwater Drainage		89d	08-Jul-23	17-Nov-23	77d
Southbound		22d	21-Jul-23	22-Aug-23	77d
DP-1J-DR-1000	Drainage Works - Zone 1J - Goldcoast Hwy - Stormwater DN375 Excav/Lay/Bfill (Southbound)	22d	21-Jul-23	22-Aug-23	77d
Crossing		10d	08-Jul-23	20-Jul-23	77d
DP-1J-DR-1020	Drainage Works - Zone 1J - Goldcoast Hwy - DN450 Stormwater Excav/Lay/Bfill (Crossing)(Night)	10d	08-Jul-23	20-Jul-23	77d
Undertrack		37d	22-Sep-23	17-Nov-23	77d
DP-1J-DR-1060	Drainage Works - Zone 1J - Goldcoast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (Undertrack)	37d	22-Sep-23	17-Nov-23	77d
Civil Works - Retaining Wall for Shared Path Widening (250 m)		21d	08-Jul-23	03-Aug-23	88d
DP-1J-CW-2260	Civil Works - Zone 1J - Retaining Wall RW01 - Excavate	14d	08-Jul-23	26-Jul-23	88d
DP-1J-CW-2280	Civil Works - Zone 1J - Retaining Wall RW01 - Soil Nail and Shotcrete	14d	10-Jul-23	27-Jul-23	88d
DP-1J-CW-2300	Civil Works - Zone 1J - Retaining Wall RW01 - Finishing	6d	28-Jul-23	03-Aug-23	88d
Civil Works - Rail Corridor		76d	21-Sep-23	08-Feb-24	77d
DP-1J-CW-1000	Civil Works - Zone 1J - Shift Traffic to Kerb and Shoulder Lanes	0d		21-Sep-23	77d
DP-1J-CW-1040	Civil Works - Zone 1J - Demo/Clear/Grub	1d	22-Sep-23	22-Sep-23	113d
DP-1J-CW-2100	Civil Works - Zone 1J - Profile central median and asphalt	3d	18-Nov-23	23-Nov-23	77d
DP-1J-CW-1100	Civil Works - Zone 1J - Bulk and Detail excavation	10d	24-Nov-23	09-Dec-23	77d
DP-1J-CW-1120	Civil Works - Zone 1J - Flooding and compact subgrade	7d	11-Dec-23	04-Jan-24	77d
DP-1J-CW-1140	Civil Works - Zone 1J - Install CSR conduits and Pits	5d	05-Jan-24	12-Jan-24	77d
DP-1J-CW-1160	Civil Works - Zone 1J - Place and Compact Type 2.1 Road base	6d	13-Jan-24	23-Jan-24	77d
DP-1J-CW-1360	Civil Works - Zone 1J - Final trim and survey	7d	25-Jan-24	06-Feb-24	77d
DP-1J-CW-1180	Civil Works - Zone 1J - Spray bitumen chip seal	1d	08-Feb-24	08-Feb-24	77d
Civil Works - Track		25d	09-Feb-24	22-Mar-24	77d
DP-1J-TW-1000	Track Works - Zone 1J - Install/weld rail, Rail Systems Loop and form/reo	12d	09-Feb-24	27-Feb-24	77d
DP-1J-TW-1020	Track Works - Zone 1J - Install OLE foundations	12d	09-Feb-24	27-Feb-24	77d
DP-1J-TW-1040	Track Works - Zone 1J - Perform electrical continunity testing/hold points	5d	29-Feb-24	08-Mar-24	77d
DP-1J-TW-1080	Track Works - Zone 1J - Pour concrete, strip formwork and install lids	8d	09-Mar-24	22-Mar-24	77d
Civil Works - Reinstate Track Verge		9d	23-Mar-24	13-Apr-24	90d
DP-1J-CW-1200	Civil Works - Zone 1J - Place and Compact Type 2.1 Road base	3d	23-Mar-24	26-Mar-24	90d
DP-1J-CW-1700	Civil Works - Zone 1J - FRP Median Kerbs	6d	28-Mar-24	13-Apr-24	90d
Civil Works - Central Lanes		10d	15-Apr-24	29-Apr-24	224d
DP-1J-CW-1820	Civil Works - Zone 1J - Remove existing asphalt and subbase	1d	15-Apr-24	15-Apr-24	204d
DP-1J-CW-1840	Civil Works - Zone 1J - Prepare subgrade	2d	16-Apr-24	18-Apr-24	204d
DP-1J-CW-1880	Civil Works - Zone 1J - Place subbase and base course	1d	19-Apr-24	19-Apr-24	204d
DP-1J-CW-1760	Civil Works - Zone 1J - Place asphalt (Incl Prime and Seal)	4d	20-Apr-24	24-Apr-24	204d
DP-1J-CW-1780	Civil Works - Zone 1J - Remove Barriers - Shift Traffic to PermanentAlignment	2d	26-Apr-24	29-Apr-24	224d
Civil Works - System Fitout		2d	15-Apr-24	16-Apr-24	90d
DP-1J-CW-1660	Civil Works - Zone 1J - Erect Overhead Wire Poles with Lighting	2d	15-Apr-24	16-Apr-24	90d
Civil Works - Finishing		25d	30-Apr-24	05-Jun-24	223d
DP-1J-CW-5000	Civil Works - Zone 1J - Finishing - FRP Blister Islands	2d	30-Apr-24	01-May-24	203d
DP-1J-CW-5060	Civil Works - Zone 1J - Finishing - Landscaping	25d	30-Apr-24	05-Jun-24	223d
DP-1J-CW-5020	Civil Works - Zone 1J - Finishing - Final Asphalt Wearing Course	3d	02-May-24	07-May-24	203d
DP-1J-CW-5040	Civil Works - Zone 1J - Finishing - Pavement Marking	2d	08-May-24	09-May-24	203d
Traction Power & Overhead Line		92d	30-Jan-24	28-Jun-24	93d
CSR Cabling		92d	30-Jan-24	28-Jun-24	93d
Structure-to-Track		1d	18-Apr-24	18-Apr-24	104d
DP-1J-BC-1340	Traction Power - Zone 1J - Bond and Test Structure to Rail	1d	18-Apr-24	18-Apr-24	104d
Track-to-Track		1d	18-Apr-24	18-Apr-24	104d
DP-1J-BC-1000	Traction Power - Zone 1J - Connect Bond to Studs	1d	18-Apr-24	18-Apr-24	104d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	137d



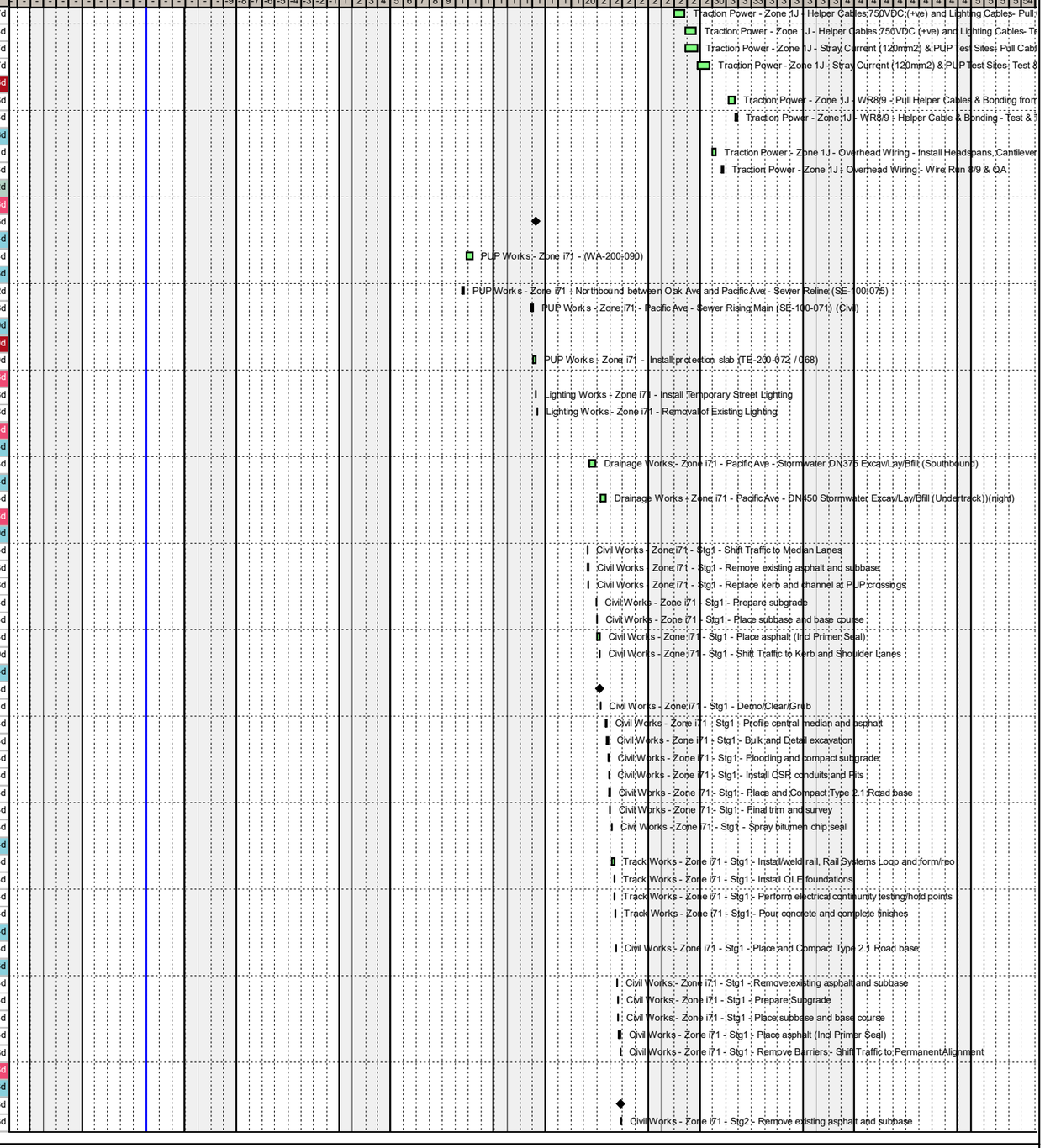
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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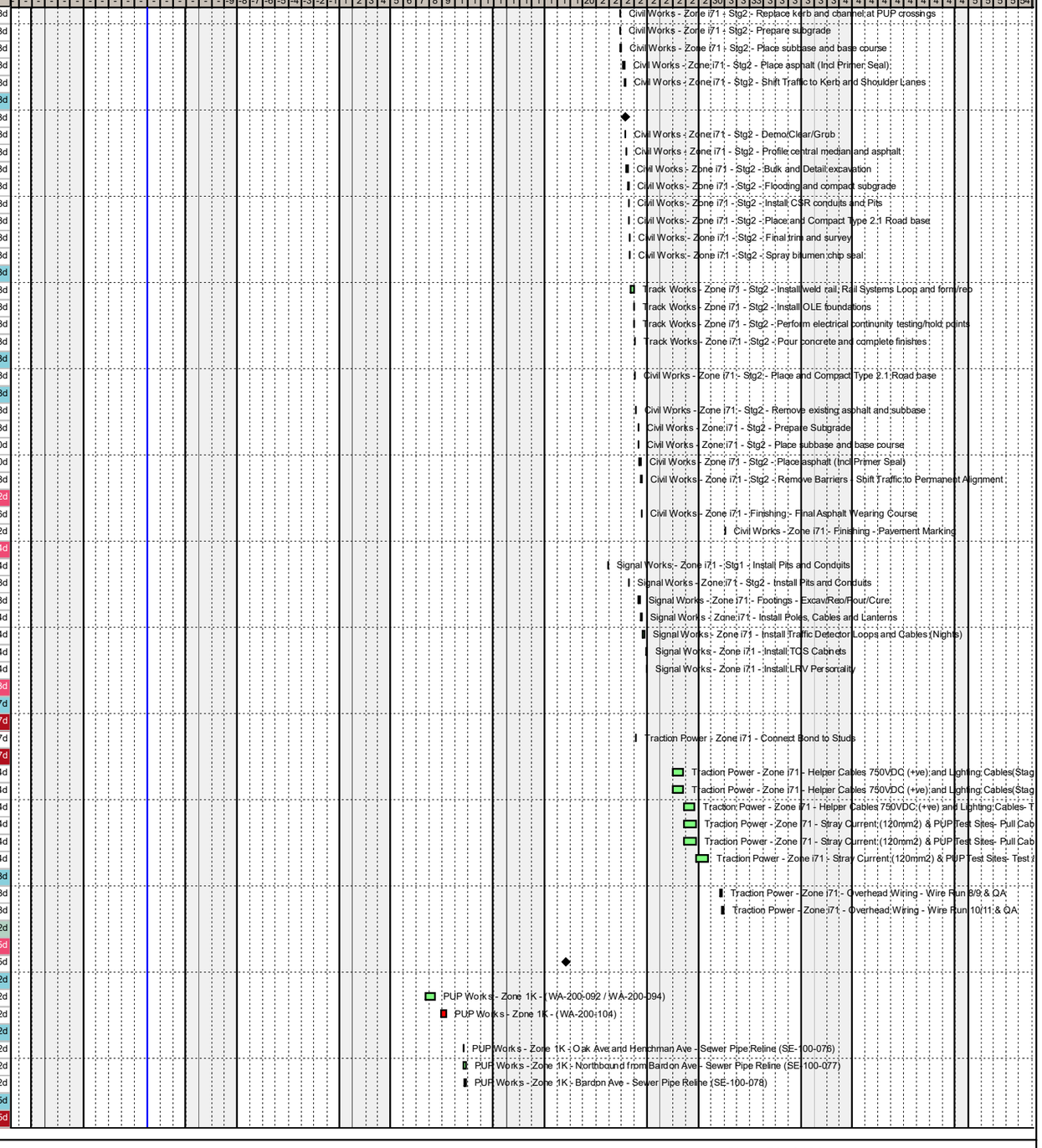
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1J-HC-1020	Traction Power - Zone 1J - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	137d
DP-1J-HC-1190	Traction Power - Zone 1J - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	154d
DP-1J-ST-1040	Traction Power - Zone 1J - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	137d
DP-1J-ST-1060	Traction Power - Zone 1J - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	26-Mar-24	24-Apr-24	137d
Pit-to-OLE		16d	07-Jun-24	28-Jun-24	93d
DP-1J-HC-1130	Traction Power - Zone 1J - WR8/9 - Pull Helper Cables & Bonding from Pit to OHL	11d	07-Jun-24	22-Jun-24	93d
DP-1J-HC-1150	Traction Power - Zone 1J - WR8/9 - Helper Cable & Bonding - Test & Terminate	5d	24-Jun-24	28-Jun-24	93d
Overhead Line		19d	29-Apr-24	25-May-24	83d
DP-1J-OH-1020	Traction Power - Zone 1J - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	91d
DP-1J-OH-1040	Traction Power - Zone 1J - Overhead Wiring - Wire Run 8/9 & QA	4d	22-May-24	25-May-24	83d
Zone i71 Intersection - Staged - Pacific Ave (Ch 36,546 - 36,585) - 39m		414d	17-Sep-22	04-Jun-24	212d
Public Utilities Plant Works		112d	17-Sep-22	09-Mar-23	246d
DP-I71-MS-1000	PUP Works - Zone i71 - Conduits and Pipes Complete - Civil work to Commence	0d		09-Mar-23	246d
CoGC - Water		10d	26-Sep-22	10-Oct-22	304d
DP-i71-WT-1000	PUP Works - Zone i71 - (WA-200-090)	10d	26-Sep-22	10-Oct-22	304d
CoGC - Sewer		95d	17-Sep-22	02-Mar-23	158d
DP-i71-SW-1140	PUP Works - Zone i71 - Northbound between Oak Ave and Pacific Ave - Sewer Reline (SE-100-075)	3d	17-Sep-22	20-Sep-22	102d
DP-i71-SW-1160	PUP Works - Zone i71 - Pacific Ave - Sewer Rising Main (SE-100-071) (Civil)	3d	27-Feb-23	02-Mar-23	158d
Telstra		5d	03-Mar-23	09-Mar-23	220d
Trench (D&C Contractor)		5d	03-Mar-23	09-Mar-23	220d
DP-I71-TLS-1300	PUP Works - Zone i71 - Install protection slab (TE-200-072 / 068)	5d	03-Mar-23	09-Mar-23	220d
Street Lighting Relocations		2d	10-Mar-23	13-Mar-23	278d
DP-I71-Stl-1000	Lighting Works - Zone i71 - Install Temporary Street Lighting	1d	10-Mar-23	10-Mar-23	278d
DP-I71-Stl-1020	Lighting Works - Zone i71 - Removal of Existing Lighting	1d	13-Mar-23	13-Mar-23	278d
Civil Works - Stormwater Drainage		26d	15-Jul-23	21-Aug-23	144d
Southbound		12d	15-Jul-23	29-Jul-23	144d
DP-I71-DR-1000	Drainage Works - Zone i71 - Pacific Ave - Stormwater DN375 Excav/Lay/Bfill (Southbound)	12d	15-Jul-23	29-Jul-23	144d
Undertrack		7d	09-Aug-23	21-Aug-23	144d
DP-I71-DR-1020	Drainage Works - Zone i71 - Pacific Ave - DN450 Stormwater Excav/Lay/Bfill (Undertrack))(night)	7d	09-Aug-23	21-Aug-23	144d
Stage 1		56d	10-Jul-23	26-Sep-23	168d
Civil Works - Kerb and Shoulder Lanes		22d	10-Jul-23	08-Aug-23	169d
DP-I71-CW-1520	Civil Works - Zone i71 - Stg1 - Shift Traffic to Median Lanes	1d	10-Jul-23	10-Jul-23	164d
DP-I71-CW-1720	Civil Works - Zone i71 - Stg1 - Remove existing asphalt and subbase	1d	11-Jul-23	11-Jul-23	158d
DP-I71-CW-1480	Civil Works - Zone i71 - Stg1 - Replace kerb and channel at PUP crossings	0d	13-Jul-23	13-Jul-23	158d
DP-I71-CW-2120	Civil Works - Zone i71 - Stg1 - Prepare subgrade	1d	31-Jul-23	31-Jul-23	144d
DP-I71-CW-1620	Civil Works - Zone i71 - Stg1 - Place subbase and base course	1d	01-Aug-23	01-Aug-23	144d
DP-I71-CW-1420	Civil Works - Zone i71 - Stg1 - Place asphalt (Incl Primer Seal)	4d	02-Aug-23	07-Aug-23	144d
DP-I71-CW-1500	Civil Works - Zone i71 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	1d	08-Aug-23	08-Aug-23	169d
Civil Works - Rail Corridor		16d	08-Aug-23	05-Sep-23	144d
DP-I71-CW-1000	Civil Works - Zone i71 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	0d		08-Aug-23	144d
DP-I71-CW-1040	Civil Works - Zone i71 - Stg1 - Demo/Clear/Grub	1d	09-Aug-23	09-Aug-23	151d
DP-I71-CW-2100	Civil Works - Zone i71 - Stg1 - Profile central median and asphalt	1d	23-Aug-23	23-Aug-23	144d
DP-I71-CW-1100	Civil Works - Zone i71 - Stg1 - Bulk and Detail excavation	2d	24-Aug-23	28-Aug-23	144d
DP-I71-CW-1120	Civil Works - Zone i71 - Stg1 - Flooding and compact subgrade	1d	29-Aug-23	29-Aug-23	144d
DP-I71-CW-1140	Civil Works - Zone i71 - Stg1 - Install CSR conduits and Pits	1d	30-Aug-23	30-Aug-23	144d
DP-I71-CW-1160	Civil Works - Zone i71 - Stg1 - Place and Compact Type 2.1 Road base	1d	31-Aug-23	31-Aug-23	144d
DP-I71-CW-1360	Civil Works - Zone i71 - Stg1 - Final trim and survey	1d	01-Sep-23	01-Sep-23	144d
DP-I71-CW-1180	Civil Works - Zone i71 - Stg1 - Spray bitumen chip seal	1d	05-Sep-23	05-Sep-23	144d
Civil Works - Track		7d	06-Sep-23	14-Sep-23	144d
DP-I71-TW-1000	Track Works - Zone i71 - Stg1 - Install/weld rail, Rail Systems Loop and form/reo	5d	06-Sep-23	11-Sep-23	144d
DP-I71-TW-1020	Track Works - Zone i71 - Stg1 - Install OLE foundations	1d	11-Sep-23	11-Sep-23	144d
DP-I71-TW-1040	Track Works - Zone i71 - Stg1 - Perform electrical continunity testing/hold points	1d	12-Sep-23	12-Sep-23	144d
DP-I71-TW-1080	Track Works - Zone i71 - Stg1 - Pour concrete and complete finishes	1d	14-Sep-23	14-Sep-23	144d
Civil Works - Reinstate Track Verge		1d	15-Sep-23	15-Sep-23	144d
DP-I71-CW-1200	Civil Works - Zone i71 - Stg1 - Place and Compact Type 2.1 Road base	1d	15-Sep-23	15-Sep-23	144d
Civil Works - Central Lanes		7d	18-Sep-23	26-Sep-23	168d
DP-I71-CW-1820	Civil Works - Zone i71 - Stg1 - Remove existing asphalt and subbase	1d	18-Sep-23	18-Sep-23	144d
DP-I71-CW-1840	Civil Works - Zone i71 - Stg1 - Prepare Subgrade	1d	19-Sep-23	19-Sep-23	144d
DP-I71-CW-1880	Civil Works - Zone i71 - Stg1 - Place subbase and base course	1d	20-Sep-23	20-Sep-23	144d
DP-I71-CW-1760	Civil Works - Zone i71 - Stg1 - Place asphalt (Incl Primer Seal)	4d	21-Sep-23	25-Sep-23	144d
DP-I71-CW-1780	Civil Works - Zone i71 - Stg1 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	26-Sep-23	26-Sep-23	168d
Stage 2		37d	26-Sep-23	17-Nov-23	203d
Civil Works - Kerb and Shoulder Lanes		8d	26-Sep-23	09-Oct-23	168d
DP-I71-CW-2400	Civil Works - Zone i71 - Stg2 - Shift Traffic to Median Lanes	0d		26-Sep-23	168d
DP-I71-CW-2500	Civil Works - Zone i71 - Stg2 - Remove existing asphalt and subbase	1d	27-Sep-23	27-Sep-23	143d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I71-CW-2360	Civil Works - Zone i71 - Stg2 - Replace kerb and channel at PUP crossings	0d	28-Sep-23	28-Sep-23	143d
DP-I71-CW-2720	Civil Works - Zone i71 - Stg2 - Prepare subgrade	1d	28-Sep-23	28-Sep-23	143d
DP-I71-CW-2420	Civil Works - Zone i71 - Stg2 - Place subbase and base course	1d	29-Sep-23	29-Sep-23	143d
DP-I71-CW-2340	Civil Works - Zone i71 - Stg2 - Place asphalt (Incl Primer Seal)	4d	04-Oct-23	07-Oct-23	143d
DP-I71-CW-2380	Civil Works - Zone i71 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	1d	09-Oct-23	09-Oct-23	168d
Civil Works - Rail Corridor		9d	09-Oct-23	21-Oct-23	143d
DP-I71-CW-2140	Civil Works - Zone i71 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	0d		09-Oct-23	143d
DP-I71-CW-2160	Civil Works - Zone i71 - Stg2 - Demo/Clear/Grub	1d	10-Oct-23	10-Oct-23	143d
DP-I71-CW-2700	Civil Works - Zone i71 - Stg2 - Profile central median and asphalt	1d	12-Oct-23	12-Oct-23	143d
DP-I71-CW-2180	Civil Works - Zone i71 - Stg2 - Bulk and Detail excavation	2d	13-Oct-23	16-Oct-23	143d
DP-I71-CW-2200	Civil Works - Zone i71 - Stg2 - Flooding and compact subgrade	1d	17-Oct-23	17-Oct-23	143d
DP-I71-CW-2220	Civil Works - Zone i71 - Stg2 - Install CSR conduits and Pits	1d	18-Oct-23	18-Oct-23	143d
DP-I71-CW-2240	Civil Works - Zone i71 - Stg2 - Place and Compact Type 2.1 Road base	1d	19-Oct-23	19-Oct-23	143d
DP-I71-CW-2320	Civil Works - Zone i71 - Stg2 - Final trim and survey	1d	20-Oct-23	20-Oct-23	143d
DP-I71-CW-2260	Civil Works - Zone i71 - Stg2 - Spray bitumen chip seal	1d	21-Oct-23	21-Oct-23	143d
Civil Works - Track		7d	23-Oct-23	01-Nov-23	143d
DP-I71-TW-1355	Track Works - Zone i71 - Stg2 - Install/weld rail, Rail Systems Loop and form/reo	5d	23-Oct-23	30-Oct-23	143d
DP-I71-TW-1375	Track Works - Zone i71 - Stg2 - Install OLE foundations	1d	30-Oct-23	30-Oct-23	143d
DP-I71-TW-1395	Track Works - Zone i71 - Stg2 - Perform electrical continuity testing/hold points	1d	31-Oct-23	31-Oct-23	143d
DP-I71-TW-1415	Track Works - Zone i71 - Stg2 - Pour concrete and complete finishes	1d	01-Nov-23	01-Nov-23	143d
Civil Works - Reinstate Track Verge		1d	02-Nov-23	02-Nov-23	143d
DP-I71-CW-2280	Civil Works - Zone i71 - Stg2 - Place and Compact Type 2.1 Road base	1d	02-Nov-23	02-Nov-23	143d
Civil Works - Central Lanes		11d	03-Nov-23	17-Nov-23	203d
DP-I71-CW-2640	Civil Works - Zone i71 - Stg2 - Remove existing asphalt and subbase	1d	03-Nov-23	03-Nov-23	143d
DP-I71-CW-2660	Civil Works - Zone i71 - Stg2 - Prepare Subgrade	1d	09-Nov-23	09-Nov-23	143d
DP-I71-CW-2620	Civil Works - Zone i71 - Stg2 - Place subbase and base course	1d	10-Nov-23	10-Nov-23	180d
DP-I71-CW-2540	Civil Works - Zone i71 - Stg2 - Place asphalt (Incl Primer Seal)	4d	11-Nov-23	16-Nov-23	180d
DP-I71-CW-2580	Civil Works - Zone i71 - Stg2 - Remove Barriers - Shift Traffic to PermanentAlignment	1d	17-Nov-23	17-Nov-23	203d
Civil Works - Finishing		107d	18-Nov-23	04-Jun-24	192d
DP-I71-CW-5020	Civil Works - Zone i71 - Finishing - Final Asphalt Wearing Course	1d	18-Nov-23	18-Nov-23	296d
DP-I71-CW-5040	Civil Works - Zone i71 - Finishing - Pavement Marking	2d	03-Jun-24	04-Jun-24	192d
Traffic Control Systems (TCS)		59d	30-Aug-23	30-Nov-23	194d
DP-I71-TCS-1000	Signal Works - Zone i71 - Stg1 - Install Pits and Conduits	1d	30-Aug-23	30-Aug-23	144d
DP-I71-TCS-1020	Signal Works - Zone i71 - Stg2 - Install Pits and Conduits	1d	18-Oct-23	18-Oct-23	143d
DP-I71-TCS-1040	Signal Works - Zone i71 - Footings - Excav/Reo/Pour/Cure	4d	10-Nov-23	14-Nov-23	143d
DP-I71-TCS-1060	Signal Works - Zone i71 - Install Poles, Cables and Lanterns	3d	16-Nov-23	18-Nov-23	194d
DP-I71-TCS-1080	Signal Works - Zone i71 - Install Traffic Detector Loops and Cables (Nights)	3d	20-Nov-23	24-Nov-23	194d
DP-I71-TCS-1100	Signal Works - Zone i71 - Install TCS Cabinets	1d	29-Nov-23	29-Nov-23	194d
DP-I71-TCS-1120	Signal Works - Zone i71 - Install LRV Personality	1d	30-Nov-23	30-Nov-23	194d
Traction Power & Overhead Line		113d	03-Nov-23	31-May-24	113d
CSR Cabling		89d	03-Nov-23	24-Apr-24	137d
Track-to-Track		1d	03-Nov-23	03-Nov-23	187d
DP-I71-BC-1020	Traction Power - Zone i71 - Connect Bond to Studs	1d	03-Nov-23	03-Nov-23	187d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	137d
DP-I71-HC-1020	Traction Power - Zone i71 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 1)- Pull Cable (Incl Fit Out	16d	30-Jan-24	24-Feb-24	134d
DP-I71-HC-1040	Traction Power - Zone i71 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 2)- Pull Cable (Incl Fit Out	16d	30-Jan-24	24-Feb-24	134d
DP-I71-HC-1060	Traction Power - Zone i71 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate to Pit	15d	26-Feb-24	22-Mar-24	154d
DP-I71-ST-1020	Traction Power - Zone i71 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Stg 1) (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	134d
DP-I71-ST-1040	Traction Power - Zone i71 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Stg 2) (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	134d
DP-I71-ST-1060	Traction Power - Zone i71 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate to Pit	15d	26-Mar-24	24-Apr-24	134d
Overhead Line		8d	22-May-24	31-May-24	83d
DP-I71-OH-1040	Traction Power - Zone i71 - Overhead Wiring - Wire Run 8/9 & QA	4d	22-May-24	25-May-24	83d
DP-I71-OH-1100	Traction Power - Zone i71 - Overhead Wiring - Wire Run 10/11 & QA	4d	27-May-24	31-May-24	83d
Zone 1K (Ch 36,585 - 37,057) - 472m		595d	22-Jun-22	20-Nov-24	132d
Public Utilities Plant Works		287d	22-Jun-22	21-Aug-23	255d
DP-1K-MS-1000	PUP Works - Zone 1K - Conduits and Pipes Complete - Civil work to Commence	0d		22-May-23	35d
CoGC - Water		36d	22-Jun-22	11-Aug-22	2d
DP-1K-WT-1000	PUP Works - Zone 1K - (WA-200-092 / WA-200-094)	18d	22-Jun-22	15-Jul-22	12d
DP-1K-WT-3080	PUP Works - Zone 1K - (WA-200-104)	8d	29-Jul-22	11-Aug-22	2d
CoGC - Sewer		6d	20-Sep-22	27-Sep-22	102d
DP-1K-SW-1080	PUP Works - Zone 1K - Oak Ave and Henchman Ave - Sewer Pipe Reline (SE-100-076)	2d	20-Sep-22	21-Sep-22	102d
DP-1K-SW-1090	PUP Works - Zone 1K - Northbound from Bardon Ave - Sewer Pipe Reline (SE-100-077)	5d	21-Sep-22	27-Sep-22	102d
DP-1K-SW-1100	PUP Works - Zone 1K - Bardon Ave - Sewer Pipe Reline (SE-100-078)	4d	22-Sep-22	27-Sep-22	102d
Energex		116d	07-Mar-23	21-Aug-23	255d
Pre-Works		1d	07-Mar-23	07-Mar-23	85d



Date	Revision	Checked	Approved

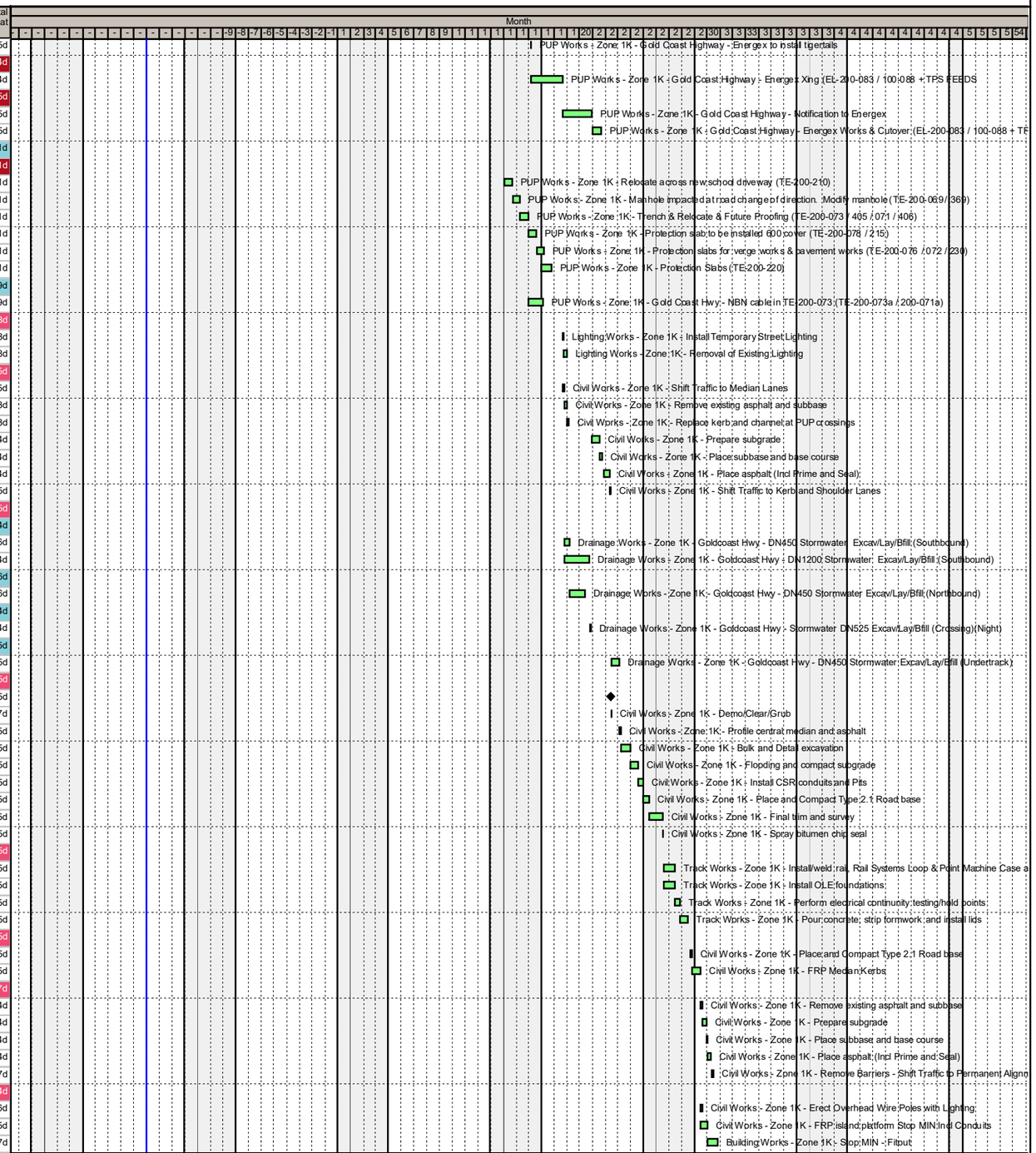
Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1K-EG-1370	PUP Works - Zone 1K - Gold Coast Highway - Energex to install tigertails	1d	07-Mar-23	07-Mar-23	85d
Conduits & Pits		43d	07-Mar-23	22-May-23	34d
DP-1K-EG-1000	PUP Works - Zone 1K - Gold Coast Highway - Energex Xing (EL-200-083 / 100-088 + TPS FEEDS	43d	07-Mar-23	22-May-23	34d
Energex Works		65d	23-May-23	21-Aug-23	255d
DP-1K-EG-2000	PUP Works - Zone 1K - Gold Coast Highway - Notification to Energex	50d	23-May-23	31-Jul-23	255d
DP-1K-EG-2010	PUP Works - Zone 1K - Gold Coast Highway - Energex Works & Cutover (EL-200-083 / 100-088 + TPS FEED	15d	01-Aug-23	21-Aug-23	255d
Telstra		64d	03-Jan-23	26-Apr-23	51d
Trench (D&C Contractor)		64d	03-Jan-23	26-Apr-23	51d
DP-1K-TLS-1480	PUP Works - Zone 1K - Relocate across new school driveway (TE-200-210)	11d	03-Jan-23	21-Jan-23	51d
DP-1K-TLS-1500	PUP Works - Zone 1K - Manhole impacted at road change of direction. Modify manhole (TE-200-069 / 369)	12d	23-Jan-23	08-Feb-23	51d
DP-1K-TLS-1520	PUP Works - Zone 1K - Trench & Relocate & Future Proofing (TE-200-073 / 405 / 071 / 406)	12d	09-Feb-23	28-Feb-23	51d
DP-1K-TLS-1540	PUP Works - Zone 1K - Protection slab to be installed 600 cover (TE-200-078 / 215)	11d	02-Mar-23	20-Mar-23	51d
DP-1K-TLS-1560	PUP Works - Zone 1K - Protection slabs for verge works & pavement works (TE-200-076 / 072 / 230)	11d	21-Mar-23	06-Apr-23	51d
DP-1K-TLS-1580	PUP Works - Zone 1K - Protection Slabs (TE-200-220)	11d	31-Mar-23	26-Apr-23	51d
NBN		21d	02-Mar-23	04-Apr-23	59d
DP-1K-NB-1360	PUP Works - Zone 1K - Gold Coast Hwy - NBN cable in TE-200-073 (TE-200-073a / 200-071a)	21d	02-Mar-23	04-Apr-23	59d
Street Lighting Relocations		7d	23-May-23	31-May-23	128d
DP-1K-Stl-1000	Lighting Works - Zone 1K - Install Temporary Street Lighting	2d	23-May-23	24-May-23	128d
DP-1K-Stl-1020	Lighting Works - Zone 1K - Removal of Existing Lighting	5d	25-May-23	31-May-23	128d
Civil Works - Kerb and Shoulder Lanes		82d	23-May-23	14-Sep-23	35d
DP-1K-CW-1520	Civil Works - Zone 1K - Shift Traffic to Median Lanes	3d	23-May-23	25-May-23	35d
DP-1K-CW-1720	Civil Works - Zone 1K - Remove existing asphalt and subbase	5d	26-May-23	01-Jun-23	73d
DP-1K-CW-1480	Civil Works - Zone 1K - Replace kerb and channel at PUP crossings	3d	02-Jun-23	05-Jun-23	73d
DP-1K-CW-212	Civil Works - Zone 1K - Prepare subgrade	12d	31-Jul-23	18-Aug-23	34d
DP-1K-CW-1620	Civil Works - Zone 1K - Place subbase and base course	5d	19-Aug-23	24-Aug-23	34d
DP-1K-CW-1420	Civil Works - Zone 1K - Place asphalt (Incl Prime and Seal)	11d	28-Aug-23	11-Sep-23	34d
DP-1K-CW-1500	Civil Works - Zone 1K - Shift Traffic to Kerb and Shoulder Lanes	3d	12-Sep-23	14-Sep-23	35d
Civil Works - Stormwater Drainage		90d	26-May-23	04-Oct-23	35d
Southbound		43d	26-May-23	25-Jul-23	34d
DP-1K-DR-1040	Drainage Works - Zone 1K - Goldcoast Hwy - DN450 Stormwater Excav/Lay/Bfill (Southbound)	10d	26-May-23	07-Jun-23	46d
DP-1K-DR-1000	Drainage Works - Zone 1K - Goldcoast Hwy - DN1200 Stormwater Excav/Lay/Bfill (Southbound)	43d	26-May-23	25-Jul-23	34d
Northbound		25d	08-Jun-23	14-Jul-23	46d
DP-1K-DR-1020	Drainage Works - Zone 1K - Goldcoast Hwy - DN450 Stormwater Excav/Lay/Bfill (Northbound)	25d	08-Jun-23	14-Jul-23	46d
Crossing		4d	26-Jul-23	29-Jul-23	34d
DP-1K-DR-1060	Drainage Works - Zone 1K - Goldcoast Hwy - Stormwater DN525 Excav/Lay/Bfill (Crossing)(Night)	4d	26-Jul-23	29-Jul-23	34d
Undertrack		13d	15-Sep-23	04-Oct-23	35d
DP-1K-DR-2080	Drainage Works - Zone 1K - Goldcoast Hwy - DN450 Stormwater Excav/Lay/Bfill (Undertrack)	13d	15-Sep-23	04-Oct-23	35d
Civil Works - Rail Corridor		70d	14-Sep-23	16-Jan-24	35d
DP-1K-CW-1000	Civil Works - Zone 1K - Shift Traffic to Kerb and Shoulder Lanes	0d		14-Sep-23	35d
DP-1K-CW-1040	Civil Works - Zone 1K - Demo/Clear/Grub	1d	15-Sep-23	15-Sep-23	47d
DP-1K-CW-210	Civil Works - Zone 1K - Profile central median and asphalt	3d	05-Oct-23	07-Oct-23	35d
DP-1K-CW-1100	Civil Works - Zone 1K - Bulk and Detail excavation	15d	09-Oct-23	30-Oct-23	35d
DP-1K-CW-1120	Civil Works - Zone 1K - Flooding and compact subgrade	11d	31-Oct-23	17-Nov-23	35d
DP-1K-CW-1140	Civil Works - Zone 1K - Install CSR conduits and Pits	6d	18-Nov-23	30-Nov-23	35d
DP-1K-CW-1160	Civil Works - Zone 1K - Place and Compact Type 2.1 Road base	10d	01-Dec-23	14-Dec-23	35d
DP-1K-CW-1360	Civil Works - Zone 1K - Final trim and survey	11d	15-Dec-23	15-Jan-24	35d
DP-1K-CW-1180	Civil Works - Zone 1K - Spray bitumen chip seal	1d	16-Jan-24	16-Jan-24	35d
Civil Works - Track		34d	18-Jan-24	15-Mar-24	35d
DP-1K-TW-1000	Track Works - Zone 1K - Install/weld rail, Rail Systems Loop & Point Machine Case and form/reo	16d	18-Jan-24	14-Feb-24	35d
DP-1K-TW-1020	Track Works - Zone 1K - Install OLE foundations	16d	18-Jan-24	14-Feb-24	35d
DP-1K-TW-1040	Track Works - Zone 1K - Perform electrical continunity testing/hold points	6d	15-Feb-24	26-Feb-24	35d
DP-1K-TW-1080	Track Works - Zone 1K - Pour concrete, strip formwork and install lids	12d	27-Feb-24	15-Mar-24	35d
Civil Works - Reinstate Track Verge		12d	21-Mar-24	15-Apr-24	35d
DP-1K-CW-1200	Civil Works - Zone 1K - Place and Compact Type 2.1 Road base	4d	21-Mar-24	25-Mar-24	35d
DP-1K-CW-1700	Civil Works - Zone 1K - FRP Median Kerbs	8d	26-Mar-24	15-Apr-24	35d
Civil Works - Central Lanes		20d	16-Apr-24	15-May-24	217d
DP-1K-CW-1820	Civil Works - Zone 1K - Remove existing asphalt and subbase	3d	16-Apr-24	19-Apr-24	104d
DP-1K-CW-1840	Civil Works - Zone 1K - Prepare subgrade	6d	20-Apr-24	29-Apr-24	104d
DP-1K-CW-1880	Civil Works - Zone 1K - Place subbase and base course	2d	30-Apr-24	01-May-24	104d
DP-1K-CW-1760	Civil Works - Zone 1K - Place asphalt (Incl Prime and Seal)	6d	02-May-24	10-May-24	104d
DP-1K-CW-1780	Civil Works - Zone 1K - Remove Barriers - Shift Traffic to Permanent Alignment	3d	13-May-24	15-May-24	217d
Civil Works - System Fitout		45d	16-Apr-24	19-Jun-24	94d
DP-1K-CW-1660	Civil Works - Zone 1K - Erect Overhead Wire Poles with Lighting	3d	16-Apr-24	19-Apr-24	96d
DP-1K-CW-1680	Civil Works - Zone 1K - FRP island platform Stop MIN Incl Conduits	11d	16-Apr-24	01-May-24	35d
DP-1K-BW-2040	Building Works - Zone 1K - Stop MIN - Fitout	16d	02-May-24	25-May-24	97d



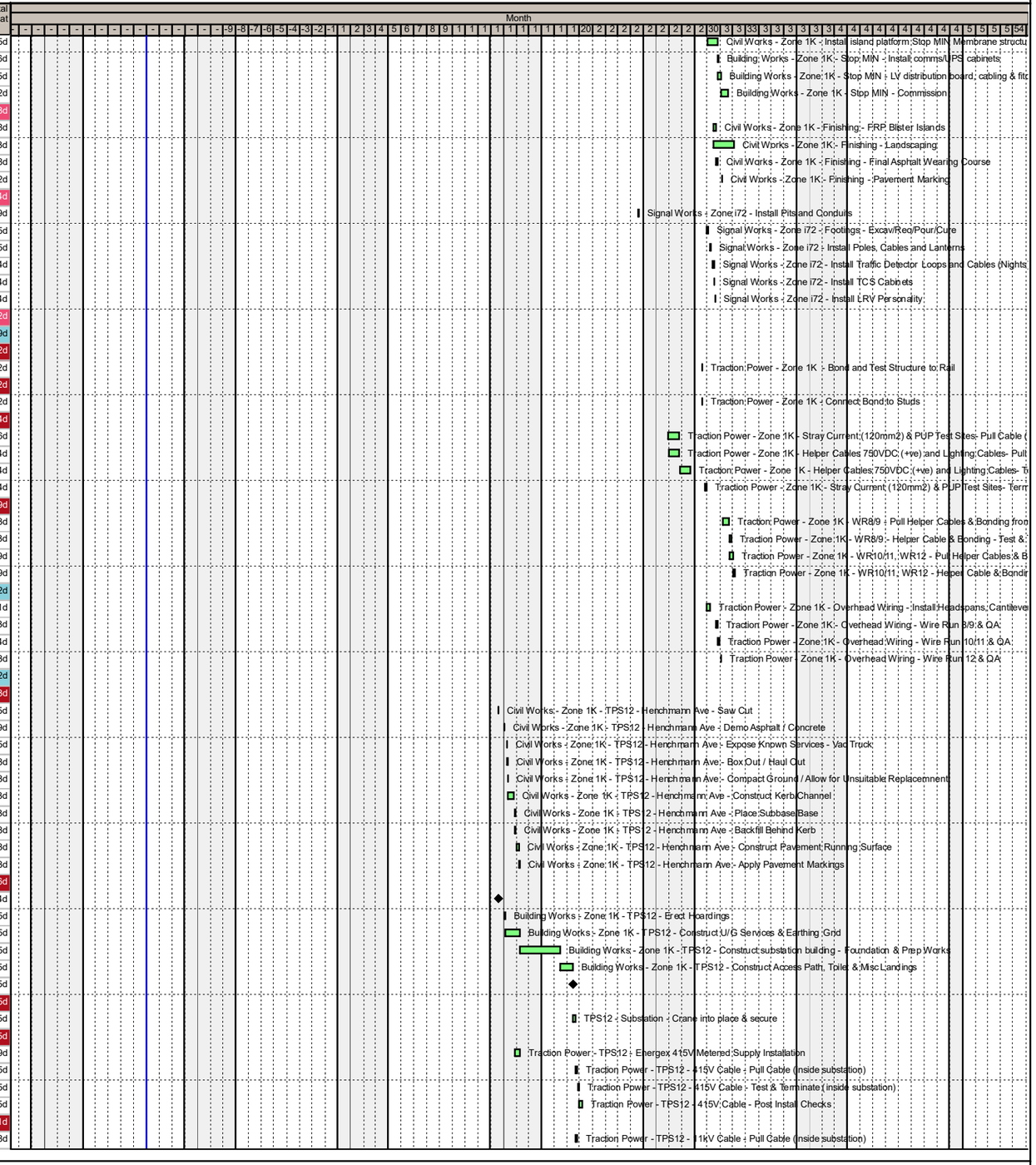
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1K-CW-1900	Civil Works - Zone 1K - Install island platform Stop MIN Membrane structure Incl Membrane	16d	02-May-24	25-May-24	35d
DP-1K-BW-2060	Building Works - Zone 1K - Stop MIN - Install comms/UPS cabinets	1d	27-May-24	27-May-24	96d
DP-1K-BW-2080	Building Works - Zone 1K - Stop MIN - LV distribution board, cabling & fitout	5d	27-May-24	03-Jun-24	35d
DP-1K-BW-1100	Building Works - Zone 1K - Stop MIN - Commission	11d	04-Jun-24	19-Jun-24	92d
Civil Works - Finishing		36d	16-May-24	04-Jul-24	203d
DP-1K-CW-5000	Civil Works - Zone 1K - Finishing - FRP Blister Islands	5d	16-May-24	21-May-24	198d
DP-1K-CW-5060	Civil Works - Zone 1K - Finishing - Landscaping	36d	16-May-24	04-Jul-24	203d
DP-1K-CW-5020	Civil Works - Zone 1K - Finishing - Final Asphalt Wearing Course	4d	22-May-24	25-May-24	198d
DP-1K-CW-5040	Civil Works - Zone 1K - Finishing - Pavement Marking	2d	05-Jun-24	06-Jun-24	192d
Traffic Control Systems (TCS)		96d	18-Nov-23	20-May-24	104d
DP-I72-TCS-1000	Signal Works - Zone i72 - Install Pits and Conduits	2d	18-Nov-23	20-Nov-23	39d
DP-I72-TCS-1040	Signal Works - Zone i72 - Footings - Excav/Reo/Pour/Cure	4d	30-Apr-24	03-May-24	105d
DP-I72-TCS-1060	Signal Works - Zone i72 - Install Poles, Cables and Lanterns	3d	07-May-24	09-May-24	105d
DP-I72-TCS-1080	Signal Works - Zone i72 - Install Traffic Detector Loops and Cables (Nights)	3d	14-May-24	17-May-24	104d
DP-I72-TCS-1100	Signal Works - Zone i72 - Install TCS Cabinets	1d	18-May-24	18-May-24	104d
DP-I72-TCS-1120	Signal Works - Zone i72 - Install LRV Personality	1d	20-May-24	20-May-24	104d
Traction Power & Overhead Line		469d	19-Dec-22	20-Nov-24	12d
CSR Cabling		97d	29-Jan-24	05-Jul-24	89d
Structure-to-Track		1d	20-Apr-24	20-Apr-24	102d
DP-1K-BC-1380	Traction Power - Zone 1K - Bond and Test Structure to Rail	1d	20-Apr-24	20-Apr-24	102d
Track-to-Track		1d	20-Apr-24	20-Apr-24	102d
DP-1K-BC-1040	Traction Power - Zone 1K - Connect Bond to Studs	1d	20-Apr-24	20-Apr-24	102d
Pit-to-Pit		52d	29-Jan-24	30-Apr-24	134d
DP-1K-ST-1000	Traction Power - Zone 1K - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	29-Jan-24	24-Feb-24	166d
DP-1K-HC-1020	Traction Power - Zone 1K - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	154d
DP-1K-HC-1250	Traction Power - Zone 1K - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	154d
DP-1K-ST-2160	Traction Power - Zone 1K - Stray Current (120mm2) & PUP Test Sites- Terminate & Test at Pit	3d	26-Apr-24	30-Apr-24	134d
Pit-to-OLE		20d	07-Jun-24	05-Jul-24	89d
DP-1K-HC-1190	Traction Power - Zone 1K - WR8/9 - Pull Helper Cables & Bonding from Pit to OHL	11d	07-Jun-24	22-Jun-24	93d
DP-1K-HC-1210	Traction Power - Zone 1K - WR8/9 - Helper Cable & Bonding - Test & Terminate	5d	24-Jun-24	28-Jun-24	93d
DP-1A-HC-1006	Traction Power - Zone 1K - WR10/11, WR12 - Pull Helper Cables & Bonding from Pit to OHL	6d	24-Jun-24	02-Jul-24	89d
DP-1A-GC-S007	Traction Power - Zone 1K - WR10/11, WR12 - Helper Cable & Bonding - Test & Terminate	3d	03-Jul-24	05-Jul-24	89d
Overhead Line		25d	29-Apr-24	04-Jun-24	102d
DP-1K-OH-1020	Traction Power - Zone 1K - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	91d
DP-1K-OH-1100	Traction Power - Zone 1K - Overhead Wiring - Wire Run 8/9 & QA	4d	22-May-24	25-May-24	83d
DP-1K-OH-1040	Traction Power - Zone 1K - Overhead Wiring - Wire Run 10/11 & QA	4d	27-May-24	31-May-24	104d
DP-1K-OH-1120	Traction Power - Zone 1K - Overhead Wiring - Wire Run 12 & QA	2d	03-Jun-24	04-Jun-24	83d
TPS12 - Henchman Ave (Ch 36,700)		469d	19-Dec-22	20-Nov-24	12d
TPS12 Civil Works - Henchmann Ave Cul-De-Sac		27d	19-Dec-22	08-Feb-23	173d
DP-1K-CW-2000	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Saw Cut	2d	19-Dec-22	20-Dec-22	175d
DP-1K-CW-2020	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Demo Asphalt / Concrete	1d	03-Jan-23	03-Jan-23	159d
DP-1K-CW-2040	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Expose Known Services - Vac Truck	1d	09-Jan-23	09-Jan-23	175d
DP-1K-CW-2060	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Box Out / Haul Out	2d	09-Jan-23	10-Jan-23	173d
DP-1K-CW-2080	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Compact Ground / Allow for Unsuitable Replacemnent	1d	11-Jan-23	11-Jan-23	173d
DP-1K-CW-2120	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Construct Kerb/Channel	10d	12-Jan-23	25-Jan-23	173d
DP-1K-CW-2100	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Place Subbase/Base	2d	27-Jan-23	30-Jan-23	173d
DP-1K-CW-2160	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Backfill Behind Kerb	2d	27-Jan-23	30-Jan-23	173d
DP-1K-CW-2140	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Construct Pavement Running Surface	5d	31-Jan-23	06-Feb-23	173d
DP-1K-CW-5080	Civil Works - Zone 1K - TPS12 - Henchmann Ave - Apply Pavement Markings	2d	07-Feb-23	08-Feb-23	173d
TPS12 Structure (Ch 36,700)		114d	19-Dec-22	16-Jun-23	86d
DP-1K-CW-1960	Building Works - Zone 1K - TPS12 - Civils commence	0d	19-Dec-22		84d
DP-1K-BW-1000	Building Works - Zone 1K - TPS12 - Erect Hoardings	2d	03-Jan-23	05-Jan-23	85d
DP-1K-BW-1040	Building Works - Zone 1K - TPS12 - Construct U/G Services & Earthing Grid	21d	06-Jan-23	08-Feb-23	85d
DP-1K-BW-1060	Building Works - Zone 1K - TPS12 - Construct substation building - Foundation & Prep Works	53d	09-Feb-23	16-May-23	85d
DP-1K-BW-1080	Building Works - Zone 1K - TPS12 - Construct Access Path, Toilet & Misc Landings	21d	17-May-23	15-Jun-23	85d
DP-1K-SS-1000	TPS12 - Civil handover - Substation foundation	0d	16-Jun-23		85d
TPS12 Substation		5d	16-Jun-23	21-Jun-23	85d
DP-1K-SS-1020	TPS12 - Substation - Crane into place & secure	5d	16-Jun-23	21-Jun-23	85d
LV Cabling (415V)		100d	27-Jan-23	07-Jul-23	85d
DP-1K-SS-3000	Traction Power - TPS12 - Energex 415V Metered Supply Installation	11d	27-Jan-23	09-Feb-23	169d
DP-1K-SS-1980	Traction Power - TPS12 - 415V Cable - Pull Cable (inside substation)	3d	22-Jun-23	26-Jun-23	85d
DP-1K-SS-2020	Traction Power - TPS12 - 415V Cable - Test & Terminate (inside substation)	3d	27-Jun-23	29-Jun-23	85d
DP-1K-SS-3010	Traction Power - TPS12 - 415V Cable - Post Install Checks	5d	30-Jun-23	07-Jul-23	85d
HV Cabling (11kV)		14d	22-Jun-23	11-Jul-23	221d
DP-1K-SS-2040	Traction Power - TPS12 - 11kV Cable - Pull Cable (inside substation)	3d	22-Jun-23	26-Jun-23	218d



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JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-1K-SS-2060	Traction Power - TPS12 - 11kV Cable - Test & Terminate (inside substation)	3d	30-Jun-23	05-Jul-23	215d
DP-1K-SS-3030	Traction Power - TPS12 - 11kV Cable - Post Install Checks	5d	06-Jul-23	11-Jul-23	221d
Traction Cabling		16d	01-Dec-23	08-Jan-24	116d
750VDC (+ve)		5d	01-Dec-23	07-Dec-23	116d
DP-1K-SS-2120	Traction Power - TPS12 - 750VDC (+ve) (2no.) - Pull Cable to Pit	2d	01-Dec-23	02-Dec-23	116d
DP-1K-SS-2140	Traction Power - TPS12 - 750VDC (+ve) (2no.) - Test & Terminate	3d	04-Dec-23	07-Dec-23	116d
750VDC (-ve)		11d	08-Dec-23	08-Jan-24	116d
DP-1K-SS-2160	Traction Power - TPS12 - 750VDC (-ve) (4no.) - Pull Cable and Bolt to Rail	3d	08-Dec-23	11-Dec-23	116d
DP-1K-SS-2180	Traction Power - TPS12 - 750VDC (-ve) (4no.) - Test & Terminate	3d	12-Dec-23	15-Dec-23	116d
DP-1K-SS-3050	Traction Power - TPS12 - 750VDC - Post Install Checks	5d	02-Jan-24	08-Jan-24	116d
Stray Current Cabling		10d	02-Jan-24	15-Jan-24	200d
DP-1K-ST-2100	Traction Power - TPS12 - Stray Current - Pull Cable to Pit	2d	02-Jan-24	03-Jan-24	181d
DP-1K-ST-2120	Traction Power - TPS12 - Stray Current - Test & Terminate	3d	04-Jan-24	08-Jan-24	181d
DP-1K-ST-2180	Traction Power - TPS12 - Stray Current - Post Install Checks	5d	09-Jan-24	15-Jan-24	200d
Energex		87d	16-Jun-23	18-Oct-23	91d
TPIS Install		19d	16-Jun-23	11-Jul-23	92d
DP-1K-SS-2000	Traction Power - TPS12 - Energex Install TPIS 11kV Switchgear (Out of Energex Stock) & Fitout (with RMU)	16d	16-Jun-23	07-Jul-23	92d
DP-1K-SS-2080	Traction Power - TPS12 - Energex pull Cable out to 11kv point of coupling & Precommission	3d	08-Jul-23	11-Jul-23	92d
LV Cabling (415V)		6d	13-Jul-23	19-Jul-23	136d
DP-1K-SS-2300	Traction Power - TPS12 - 415V Cable - Pull Cable from TPIS (outside substation)	3d	13-Jul-23	15-Jul-23	92d
DP-1K-SS-2320	Traction Power - TPS12 - 415V Cable - Test & Terminate (outside substation)	3d	17-Jul-23	19-Jul-23	136d
HV Cabling (11kV)		11d	13-Jul-23	26-Jul-23	92d
DP-1K-SS-2340	Traction Power - TPS12 - 11kV Cable - Pull Cable from TPIS (outside substation)	3d	13-Jul-23	15-Jul-23	92d
DP-1K-SS-2360	Traction Power - TPS12 -11kV Cable - Test & Terminate (outside substation)	3d	17-Jul-23	19-Jul-23	92d
DP-1K-SS-3070	Traction Power - TPS12 - TPIS - Post Install Checks	5d	20-Jul-23	26-Jul-23	92d
Energex Notification for Energisation		84d	27-Jul-23	18-Oct-23	142d
DP-1E-SS-2340	Traction Power - TPS12 - 12 weeks Notice To Energex for Energisation	84d	27-Jul-23	18-Oct-23	142d
SAT		128d	08-Jul-23	19-Jan-24	223d
DP-1K-SS-2220	Traction Power - TPS12 - 415V Supply - SAT	8d	08-Jul-23	18-Jul-23	85d
DP-1K-SS-2240	Traction Power - TPS12 - TPS SAT	6d	27-Jul-23	02-Aug-23	210d
DP-1K-SS-3090	Traction Power - TPS12 - Earth Grid SAT	3d	31-Jul-23	02-Aug-23	284d
DP-1K-SS-2100	Traction Power - TPS12 - Precommission Testing by Energex	8d	19-Oct-23	30-Oct-23	75d
DP-1K-SS-2260	Traction Power - TPS12 - 750VDC (+ve) (2no.) - SAT (Pit)	3d	09-Jan-24	12-Jan-24	116d
DP-1K-SS-2280	Traction Power - TPS12 - 750VDC (-ve) (4no.) - SAT (Pit)	3d	09-Jan-24	12-Jan-24	116d
DP-1K-ST-2140	Traction Power - TPS12 - Stray Current - SAT (Pit)	3d	16-Jan-24	19-Jan-24	200d
Energex 415V Metered Supply SAT		1d	10-Feb-23	10-Feb-23	173d
DP-1K-SS-2460	Traction Power - TPS12 - Energex 415 Metered Supply SAT	1d	10-Feb-23	10-Feb-23	173d
TPIS Energisation		4d	09-Dec-23	14-Dec-23	52d
DP-1K-SS-2420	Traction Power - TPS12 - Energex TPIS Energisation	4d	09-Dec-23	14-Dec-23	52d
Energisation from TPIS to 750VDC		3d	30-Jul-24	01-Aug-24	69d
DP-1K-SS-2440	Traction Power - TPS12 - Energisation from TPIS to 750VDC Switchboard	3d	30-Jul-24	01-Aug-24	69d
Energisation with OLE		7d	11-Nov-24	20-Nov-24	0d
DP-1K-SS-3100	IR Risk Year 3 - 2024	5d	11-Nov-24	16-Nov-24	0d
DP-1K-SS-204	Traction Power - TPS12 - Energisation with OLE	2d	18-Nov-24	20-Nov-24	0d
Zone i73 Intersection - Med Term Closure - Dawn Pde/Riviera Rd (Ch 37,057 - 37,095) - 38m		447d	12-Aug-22	14-Jun-24	215d
Public Utilities Plant Works		294d	12-Aug-22	24-Oct-23	145d
DP-I73-MS-1000	PUP Works - Zone i73 - Conduits and Pipes Complete - Civil work to Commence	0d		24-Oct-23	145d
CoGC - Water		11d	12-Aug-22	29-Aug-22	2d
DP-i73-WT-1020	PUP Works - Zone i73 - (WA-200-110)	10d	12-Aug-22	24-Aug-22	2d
DP-i73-WT-1000	PUP Works - Zone i73 - (WA-200-106)	2d	25-Aug-22	29-Aug-22	2d
Telstra		17d	08-Sep-23	29-Sep-23	137d
Trench (D&C Contractor)		17d	08-Sep-23	29-Sep-23	137d
DP-I73-TLS-1510	PUP Works - Zone i73 - Trench & Relocate & Future Proofing (TE-200-074 / 406)	12d	08-Sep-23	23-Sep-23	121d
DP-I73-TLS-1570	PUP Works - Zone i73 - Protection Slabs (TE-200-220)	5d	25-Sep-23	29-Sep-23	137d
NBN		21d	25-Sep-23	24-Oct-23	121d
DP-I73-NB-1550	PUP Works - Zone i73 - NBN cable in TE-200-074 (TE-200-074a)	21d	25-Sep-23	24-Oct-23	121d
Street Lighting Relocations		2d	25-Oct-23	26-Oct-23	165d
DP-I73-Stl-1000	Lighting Works - Zone i73 - Install Temporary Street Lighting	1d	25-Oct-23	25-Oct-23	165d
DP-I73-Stl-1020	Lighting Works - Zone i73 - Removal of Existing Lighting	1d	26-Oct-23	26-Oct-23	165d
Civil Works - Kerb and Shoulder Lanes		27d	25-Oct-23	30-Nov-23	140d
DP-I73-CW-1520	Civil Works - Zone i73 - Shift Traffic to Median Lanes	1d	25-Oct-23	25-Oct-23	145d
DP-I73-CW-1720	Civil Works - Zone i73 - Remove existing asphalt and subbase	1d	26-Oct-23	26-Oct-23	134d
DP-I73-CW-1480	Civil Works - Zone i73 - Replace kerb and channel at PUP crossings	0d	27-Oct-23	27-Oct-23	134d
DP-I73-CW-2120	Civil Works - Zone i73 - Prepare subgrade	1d	17-Nov-23	17-Nov-23	122d
DP-I73-CW-1620	Civil Works - Zone i73 - Place subbase and base course	1d	18-Nov-23	18-Nov-23	122d



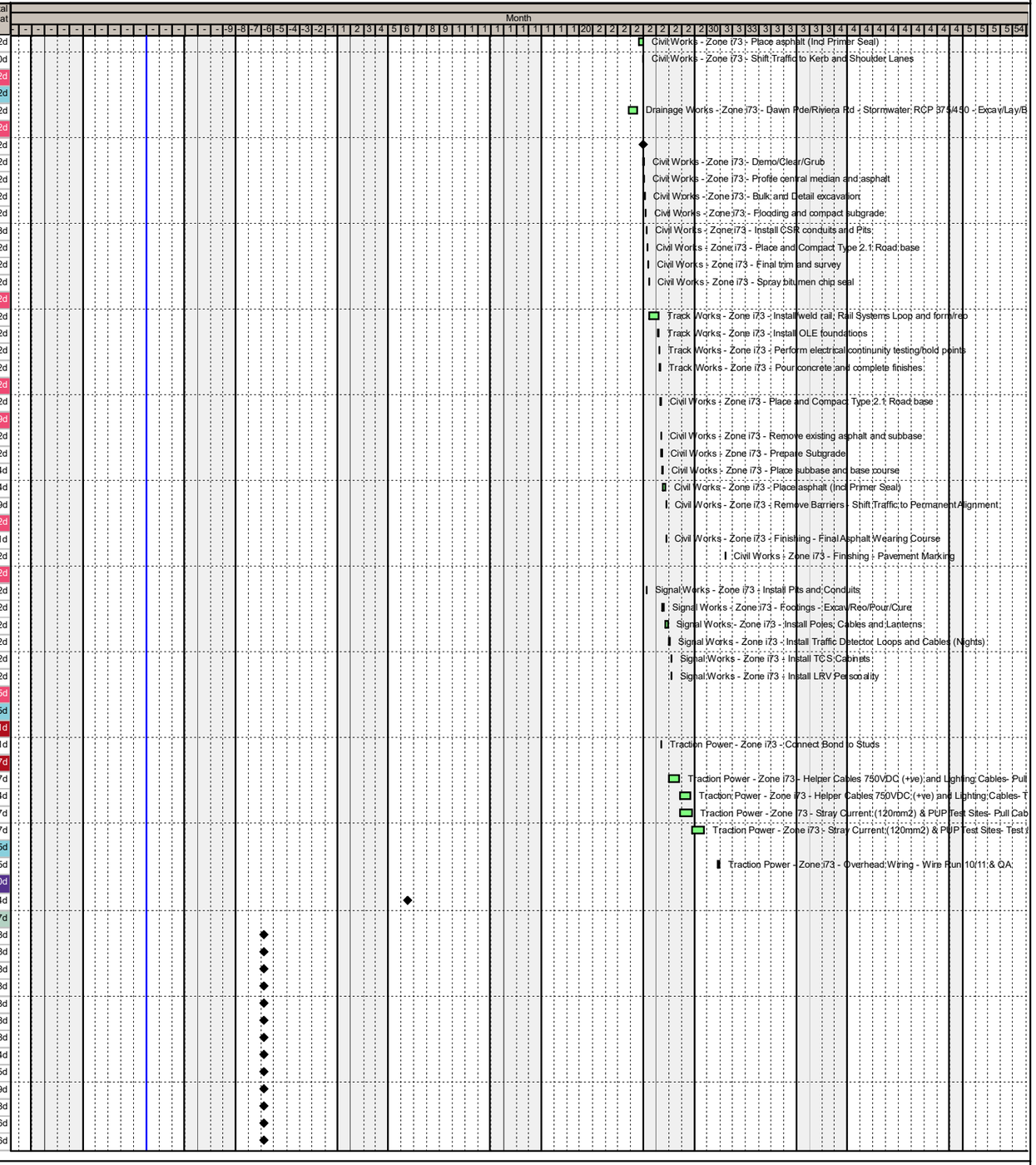
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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DP-I73-CW-1420	Civil Works - Zone i73 - Place asphalt (Incl Primer Seal)	4d	20-Nov-23	29-Nov-23	122d
DP-I73-CW-1500	Civil Works - Zone i73 - Shift Traffic to Kerb and Shoulder Lanes	1d	30-Nov-23	30-Nov-23	140d
Civil Works - Stormwater Drainage		13d	26-Oct-23	16-Nov-23	122d
Northbound		13d	26-Oct-23	16-Nov-23	122d
DP-I73-DR-1140	Drainage Works - Zone i73 - Dawn Pde/Riviera Rd - Stormwater RCP 375/450 - Excav/Lay/Bfill (Northbound)(r	13d	26-Oct-23	16-Nov-23	122d
Civil Works - Rail Corridor		10d	30-Nov-23	14-Dec-23	122d
DP-I73-CW-1000	Civil Works - Zone i73 - Shift Traffic to Kerb and Shoulder Lanes	0d		30-Nov-23	122d
DP-I73-CW-1040	Civil Works - Zone i73 - Demo/Clear/Grub	1d	01-Dec-23	01-Dec-23	122d
DP-I73-CW-2100	Civil Works - Zone i73 - Profile central median and asphalt	1d	02-Dec-23	02-Dec-23	122d
DP-I73-CW-1100	Civil Works - Zone i73 - Bulk and Detail excavation	2d	04-Dec-23	05-Dec-23	122d
DP-I73-CW-1120	Civil Works - Zone i73 - Flooding and compact subgrade	1d	07-Dec-23	07-Dec-23	122d
DP-I73-CW-1140	Civil Works - Zone i73 - Install CSR conduits and Pits	1d	08-Dec-23	08-Dec-23	123d
DP-I73-CW-1160	Civil Works - Zone i73 - Place and Compact Type 2.1 Road base	1d	11-Dec-23	11-Dec-23	122d
DP-I73-CW-1360	Civil Works - Zone i73 - Final trim and survey	1d	12-Dec-23	12-Dec-23	122d
DP-I73-CW-1180	Civil Works - Zone i73 - Spray bitumen chip seal	1d	14-Dec-23	14-Dec-23	122d
Civil Works - Track		7d	15-Dec-23	09-Jan-24	122d
DP-I73-TW-1000	Track Works - Zone i73 - Install/weld rail, Rail Systems Loop and form/reo	5d	15-Dec-23	05-Jan-24	122d
DP-I73-TW-1020	Track Works - Zone i73 - Install OLE foundations	1d	05-Jan-24	05-Jan-24	122d
DP-I73-TW-1040	Track Works - Zone i73 - Perform electrical continunity testing/hold points	1d	08-Jan-24	08-Jan-24	122d
DP-I73-TW-1080	Track Works - Zone i73 - Pour concrete and complete finishes	1d	09-Jan-24	09-Jan-24	122d
Civil Works - Reinstate Track Verge		1d	11-Jan-24	11-Jan-24	122d
DP-I73-CW-1200	Civil Works - Zone i73 - Place and Compact Type 2.1 Road base	1d	11-Jan-24	11-Jan-24	122d
Civil Works - Central Lanes		9d	12-Jan-24	24-Jan-24	309d
DP-I73-CW-1820	Civil Works - Zone i73 - Remove existing asphalt and subbase	1d	12-Jan-24	12-Jan-24	122d
DP-I73-CW-1840	Civil Works - Zone i73 - Prepare Subgrade	1d	13-Jan-24	13-Jan-24	122d
DP-I73-CW-1880	Civil Works - Zone i73 - Place subbase and base course	1d	15-Jan-24	15-Jan-24	164d
DP-I73-CW-1760	Civil Works - Zone i73 - Place asphalt (Incl Primer Seal)	4d	16-Jan-24	23-Jan-24	164d
DP-I73-CW-1780	Civil Works - Zone i73 - Remove Barriers - Shift Traffic to Permanent Alignment	1d	24-Jan-24	24-Jan-24	309d
Civil Works - Finishing		82d	25-Jan-24	14-Jun-24	192d
DP-I73-CW-5020	Civil Works - Zone i73 - Finishing - Final Asphalt Wearing Course	1d	25-Jan-24	25-Jan-24	271d
DP-I73-CW-5040	Civil Works - Zone i73 - Finishing - Pavement Marking	2d	13-Jun-24	14-Jun-24	192d
Traffic Control Systems (TCS)		27d	08-Dec-23	06-Feb-24	162d
DP-I73-TCS-1000	Signal Works - Zone i73 - Install Pits and Conduits	2d	08-Dec-23	09-Dec-23	122d
DP-I73-TCS-1040	Signal Works - Zone i73 - Footings - Excav/Reo/Pour/Cure	4d	15-Jan-24	19-Jan-24	122d
DP-I73-TCS-1060	Signal Works - Zone i73 - Install Poles, Cables and Lanterns	3d	23-Jan-24	29-Jan-24	162d
DP-I73-TCS-1080	Signal Works - Zone i73 - Install Traffic Detector Loops and Cables (Nights)	3d	30-Jan-24	02-Feb-24	162d
DP-I73-TCS-1100	Signal Works - Zone i73 - Install TCS Cabinets	1d	05-Feb-24	05-Feb-24	162d
DP-I73-TCS-1120	Signal Works - Zone i73 - Install LRV Personality	1d	06-Feb-24	06-Feb-24	162d
Traction Power & Overhead Line		81d	12-Jan-24	31-May-24	125d
CSR Cabling		57d	12-Jan-24	24-Apr-24	145d
Track-to-Track		1d	12-Jan-24	12-Jan-24	201d
DP-I73-BC-1000	Traction Power - Zone i73 - Connect Bond to Studs	1d	12-Jan-24	12-Jan-24	201d
Pit-to-Pit		48d	30-Jan-24	24-Apr-24	137d
DP-I73-HC-1020	Traction Power - Zone i73 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	30-Jan-24	24-Feb-24	137d
DP-I73-HC-1040	Traction Power - Zone i73 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	154d
DP-I73-ST-1000	Traction Power - Zone i73 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	26-Feb-24	25-Mar-24	137d
DP-I73-ST-1020	Traction Power - Zone i73 - Stray Current (120mm2) & PUP Test Sites- Test & Termiante at Pit	15d	26-Mar-24	24-Apr-24	137d
Overhead Line		4d	27-May-24	31-May-24	125d
DP-I73-OH-1040	Traction Power - Zone i73 - Overhead Wiring - Wire Run 10/11 & QA	4d	27-May-24	31-May-24	125d
Southern Area - Southern Side of Dawn Parade - Burleigh Heads Station (Ch 37,095 - 40,135)		840d	08-Jun-21	09-Nov-24	140d
DP-SA-2A-1460	PUP Works - Zone 2 - RP174650 Resumption Required by Date for PUP Relocations TE-200-090, 245, 082	0d		16-May-22	144d
Site Access Dates - Client Nominated		182d	08-Jun-21	09-Mar-22	577d
DP-SA-2A-R42	R42 - Gold Coast Highway (Ch37200-37300) - Condition 'A'	0d	08-Jun-21		428d
DP-SA-2A-R43	R43 - Gold Coast Highway/Hythe St (Ch37300-37400) - Condition 'A'	0d	08-Jun-21		428d
DP-SA-2A-R44	R44 - Gold Coast Highway/Miami Shore Pde/Sunshine Pde (Ch37400-37500) - Condition 'A'	0d	08-Jun-21		428d
DP-SA-2A-R45	R45 - Gold Coast Highway (Ch37500-37600) - Condition 'A'	0d	08-Jun-21		428d
DP-SA-2A-R46	R46 - Gold Coast Highway (Ch37600-37700) - Condition 'A'	0d	08-Jun-21		428d
DP-SA-2A-R47	R46 - Gold Coast Highway/Kelly Ave (Ch37700-37800) - Condition 'A'	0d	08-Jun-21		428d
DP-SA-2A-R48	R48 - Gold Coast Highway/Nundah Ave/Sunshine Pde/Kelly Ave (Ch37800-37900) - Condition 'A'	0d	08-Jun-21		428d
DP-SA-I76-R49	R49 - Gold Coast Highway/Toombul Ave/Kratzmann Ave/Kelly Ave (Ch37900-38000) - Condition 'A'	0d	08-Jun-21		754d
DP-SA-2B-R50	R50 - Gold Coast Highway/Kratzmann Ave/Mountain Ave (Ch38000-38100) - Condition 'A'	0d	08-Jun-21		525d
DP-SA-I78-R51	R51 - Gold Coast Highway/Mountain Ave/Christine Ave/Sixth Ave (Ch38100-38200) - Condition 'A'	0d	08-Jun-21		759d
DP-SA-2A-R41	R41 - Gold Coast Highway (Ch37100-37200) - Condition 'A'	0d	08-Jun-21		428d
DP-SA-2B-SO3	SO3 - Whole of 101RP63287 - Gold Coast Highway - Condition 'A' 'C' 'E' 'H1'	0d	08-Jun-21*		456d
DP-SA-2C-R52	R52 - Gold Coast Highway/Christine Ave/Sixth Ave (Ch38200-38300) - Condition 'A'	0d	08-Jun-21		636d



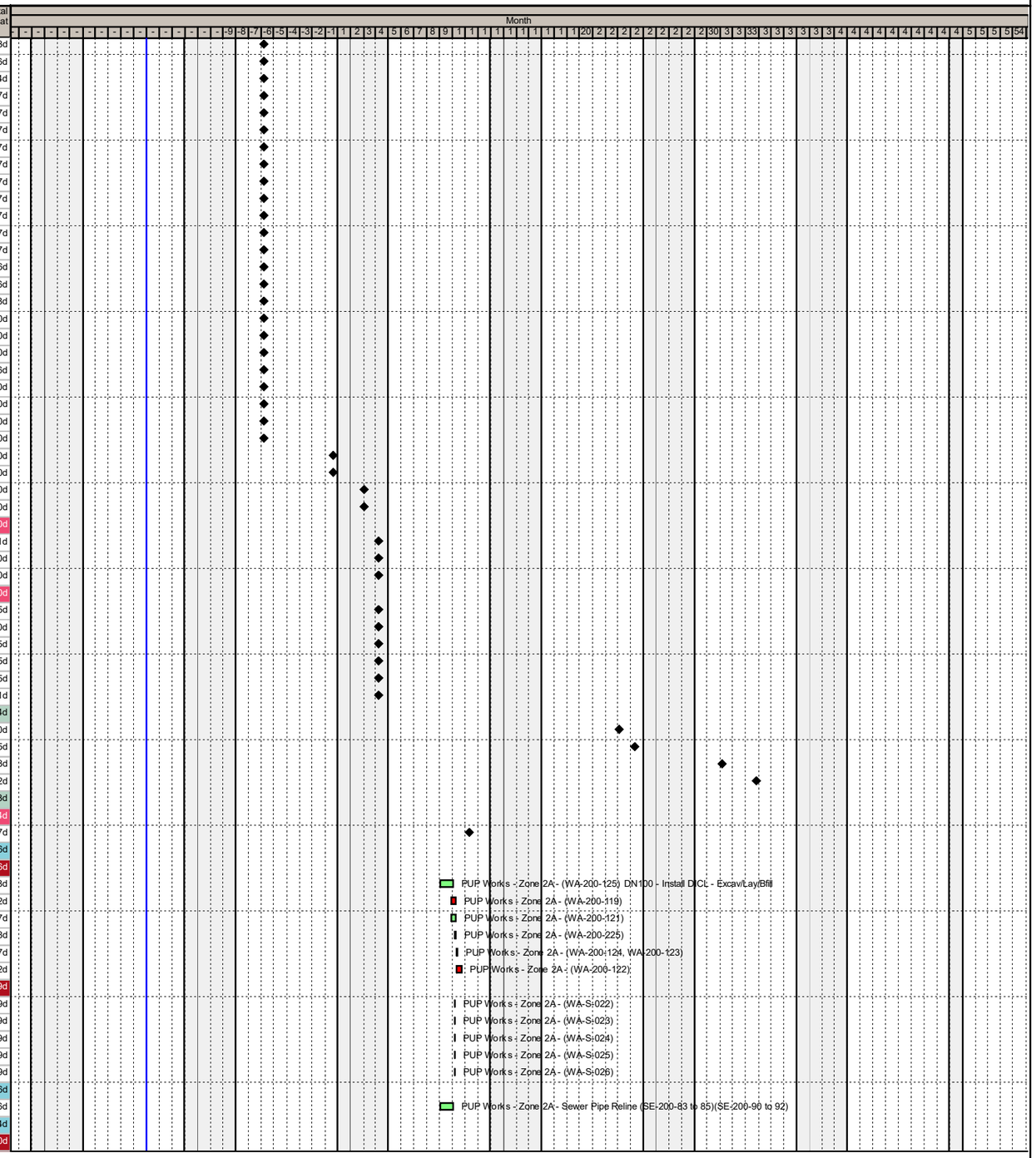
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DP-SA-2C-SO4	SO4 - Part of 1RP174650 - Gold Coast Highway - Condition 'A' 'E' 'H1' (replace fencing/strc consult DHPW)	0d	08-Jun-21*		653d
DP-SA-2C-R53	R53 - Gold Coast Highway (Ch38300-38400) - Condition 'A'	0d	08-Jun-21		636d
DP-SA-I79-R54	R54 - Gold Coast Highway/Gardenia Grove/Fifth Ave/Anzac Pde (Ch38400-38500) - Condition 'A'	0d	08-Jun-21		734d
DP-SA-2D-R55	R55 - Gold Coast Hwy/Ferny Fway/Lower Gold Coast Hwy/Anzac Pde (Ch38,500-38,600) - Condition 'A'	0d	08-Jun-21		487d
DP-SA-2D-R56	R56 - Gold Coast Hwy/Lower Gold Coast Hwy/Elder Ence/Fourth Ave/The Esplanade (Ch38,600-38,700) - Co	0d	08-Jun-21		487d
DP-SA-2D-R57	R57 - Gold Coast Hwy/Lower Gold Coast Hwy/Deodar Drv (Ch38,700-38,800) - Condition 'A'	0d	08-Jun-21		487d
DP-SA-2D-R58	R58 - Gold Coast Hwy/Lower Gold Coast Hwy/Cedar Crt/Third Ave/ The Esplanade (Ch38,800-38,900) - Cont	0d	08-Jun-21		487d
DP-SA-2D-R59	R59 - Gold Coast Hwy/Lower Gold Coast Hwy/Third Ave/Banksia Bway/The Esplanade (Ch38,900-39,000) - C	0d	08-Jun-21		487d
DP-SA-2D-R60	R60 - Gold Coast Hwy/Lower Gold Coast Hwy/Acanthus Ave (Ch39,000-39,100) - Condition 'A'	0d	08-Jun-21		487d
DP-SA-2D-R61	R61 - Gold Coast Hwy/Lower Gold Coast Hwy/Second Ave/Diana Ave (Ch39,100-39,200) - Condition 'A'	0d	08-Jun-21		487d
DP-SA-2D-R62	R62 - Gold Coast Hwy/Lower Gold Coast Hwy/Diana Ave (Ch39,200-39,300) - Condition 'A'	0d	08-Jun-21		487d
DP-SA-2D-R63	R63 - Gold Coast Hwy/Lower Gold Coast Hwy/First Ave (Ch39,300-39,400) - Condition 'A'	0d	08-Jun-21		487d
DP-SA-2D-R64	R64 - Gold Coast Hwy/Lower Gold Coast Hwy (Ch39,400-39,500) - Condition 'A'	0d	08-Jun-21		487d
DP-SA-I84-R65	R65 - Gold Coast Highway/Lower Gold Coast Hwy /West Burleigh Rd (Ch39500-39600) - Condition 'A'	0d	08-Jun-21		566d
DP-SA-I84-RW07	RW07 - Part of Road Verge bounded by Gold Coast Hwy & West Burleigh Rd (Clarrie Francis Park) - Conditior	0d	08-Jun-21		566d
DP-SA-2G-R66	R66 - Gold Coast Highway (Ch39600-39700) - Condition 'A'	0d	08-Jun-21		528d
DP-SA-I85-R67	R67 - Gold Coast Highway/Connor St (Ch39700-39800) - Condition 'A'	0d	08-Jun-21		630d
DP-SA-I85-RW08	RW08 - Whole of Gold Coast Highway (Alby Adams Park) - Condition 'A' "E'	0d	08-Jun-21		630d
DP-SA-I85-RW09	RW09 - 5B16724 & 4B16724 & part rd and rd reserve - Gold Coast Hwy/Memorial Pk/Connor St/James St - Cc	0d	08-Jun-21		630d
DP-SA-2H-R68	R68 - Gold Coast Highway (Ch39800-39900) - Condition 'A'	0d	08-Jun-21		686d
DP-SA-2I-R69	R69 - Gold Coast Highway/Goodwin Terrace/Park Ave (Ch39900-40000) - Condition 'A'	0d	08-Jun-21		580d
DP-SA-2I-R70	R70 - Gold Coast Highway/Park Ave/TweeSt/Ocean St (Incorporating Alex Black Car Park (Ch40000-40100) -	0d	08-Jun-21		580d
DP-SA-2I-R71	R71 - Gold Coast Highway/Brake St (Incorporating Alex Black Car Park (Ch40100-40200) - Condition 'A'	0d	08-Jun-21		580d
DP-SA-2I-RW10	RW10 - Part of 3/B16753 - Ocean St - Condition 'A'	0d	08-Jun-21		580d
DP-SA-2I-SO5	SO5 - Whole of 1SP112607 - Gold Coast Highway - Condition 'A' 'E' 'H1' - REQUIRED DATE 19-Nov-21	0d		19-Nov-21*	0d
DP-SA-2I-SO6	SO6 - Part of 2RP72012 - Gold Coast Highway - Condition 'A' 'E' 'H1' - REQUIRED DATE 19-Nov-21	0d		19-Nov-21*	0d
DP-SA-2I-SO5-GL	SO5 - Whole of 1SP112607 - Gold Coast Highway - Condition 'A' 'E' 'H1' - DOCUMENT DATE	0d		01-Feb-22*	0d
DP-SA-2I-SO6-GL	SO6 - Part of 2RP72012 - Gold Coast Highway - Condition 'A' 'E' 'H1' - DOCUMENT DATE	0d		01-Feb-22*	0d
Site Access Dates - Client Nominated - WA-128 FC+9 Months		0d	09-Mar-22	09-Mar-22	300d
DP-SA-I76-R49N	R49 - Gold Coast Highway/Toombul Ave (Ch37900-38000) - Condition 'H1'	0d	09-Mar-22		231d
DP-SA-2B-R50N	R50 - Gold Coast Highway/Mountain Ave (Ch38000-38100) - Condition 'H1'	0d	09-Mar-22		300d
DP-SA-I78-R51Na	R51 - Gold Coast Highway/Mountain Ave/Christine Ave (Ch38100-38200) - Condition 'H1'	0d	09-Mar-22		300d
Site Access Dates - Client Nominated - WA-129 FC+9 Months		0d	09-Mar-22	09-Mar-22	450d
DP-SA-2C-R52N	R52 - Gold Coast Highway/Christine Ave (Ch38200-38300) - Condition 'H1'	0d	09-Mar-22		445d
DP-SA-2C-R53N	R53 - Gold Coast Highway (Ch38300-38400) - Condition 'H1'	0d	09-Mar-22		450d
DP-SA-I79-R54N	R54 - Gold Coast Highway/Gardenia Grove/Anzac Pde (Ch38400-38500) - Condition 'H1'	0d	09-Mar-22		245d
DP-SA-2D-R55N	R55 - Gold Coast Hwy/Ferny Fway/Lower Gold Coast Hwy/Anzac Pde (Ch38,500-38,600) - Condition 'H1'	0d	09-Mar-22		245d
DP-SA-2D-R56N	R56 - Gold Coast Hwy/Lower Gold Coast Hwy/Elder Ence (Ch38,600-38,700) - Condition 'H1'	0d	09-Mar-22		245d
DP-SA-I78-R51Nb	R51 - Gold Coast Highway/Mountain Ave/Christine Ave (Ch38100-38200) - Condition 'H1'	0d	09-Mar-22		231d
Ticketing Machines - State - ROS Dates		218d	05-Oct-23	27-Aug-24	24d
DP-2A-COMM-1740	Miami Stop MIA - ROS TIcketing Machine	0d	05-Oct-23		240d
DP-2B-COMM-1780	Christine Ave Stop CHA - ROS TIcketing Machine	0d	10-Nov-23		175d
DP-2I-COMM-1860	Burleigh Stop BUH - ROS TIcketing Machine	0d	05-Jun-24		83d
DP-2D-COMM-1820	Second Ave Stop SAB - ROS TIcketing Machine	0d	27-Aug-24		22d
Zone 2A (Ch 37,095 - 37,967) - 872m		590d	31-May-22	22-Oct-24	153d
Public Utilities Plant Works		159d	31-May-22	24-Jan-23	394d
DP-2A-MS-1000	PUP Works - Zone 2A - Conduits and Pipes Complete - Civil work to Commence	0d		11-Oct-22	97d
CoGC - Water		35d	03-Aug-22	22-Sep-22	106d
Water Scope		35d	03-Aug-22	22-Sep-22	96d
DP-2A-WT-3150	PUP Works - Zone 2A - (WA-200-125) DN100 - Install DICL - Excav/Lay/Bfill	21d	03-Aug-22	02-Sep-22	108d
DP-2A-WT-1020	PUP Works - Zone 2A - (WA-200-119)	8d	30-Aug-22	09-Sep-22	2d
DP-2A-WT-3110	PUP Works - Zone 2A - (WA-200-121)	8d	30-Aug-22	09-Sep-22	27d
DP-2A-WT-3160	PUP Works - Zone 2A - (WA-200-225)	2d	06-Sep-22	07-Sep-22	108d
DP-2A-WT-3140	PUP Works - Zone 2A - (WA-200-124, WA-200-123)	2d	10-Sep-22	12-Sep-22	27d
DP-2A-WT-3120	PUP Works - Zone 2A - (WA-200-122)	10d	10-Sep-22	22-Sep-22	2d
Service Connections		1d	06-Sep-22	06-Sep-22	119d
DP-2A-WT-S0022	PUP Works - Zone 2A - (WA-S-022)	1d	06-Sep-22	06-Sep-22	119d
DP-2A-WT-S0023	PUP Works - Zone 2A - (WA-S-023)	1d	06-Sep-22	06-Sep-22	119d
DP-2A-WT-S0024	PUP Works - Zone 2A - (WA-S-024)	1d	06-Sep-22	06-Sep-22	119d
DP-2A-WT-S0025	PUP Works - Zone 2A - (WA-S-025)	1d	06-Sep-22	06-Sep-22	119d
DP-2A-WT-S0026	PUP Works - Zone 2A - (WA-S-026)	1d	06-Sep-22	06-Sep-22	119d
CoGC - Sewer		21d	03-Aug-22	02-Sep-22	36d
DP-2A-SW-1000	PUP Works - Zone 2A - Sewer Pipe Reline (SE-200-83 to 85)(SE-200-90 to 92)	21d	03-Aug-22	02-Sep-22	36d
Energex		95d	30-Aug-22	24-Jan-23	394d
Pre-Works		1d	30-Aug-22	30-Aug-22	100d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2A-EG-1000	PUP Works - Zone 2A- Energex to install tigertails	1d	30-Aug-22	30-Aug-22	100d
Conduits & Pits		30d	30-Aug-22	11-Oct-22	84d
DP-2A-EG-1020	PUP Works - Zone 2A- Gold Coast Hwy - Energex Xing (EL-200-103 to 200-110)	30d	30-Aug-22	11-Oct-22	84d
DP-2A-EG-1030	PUP Works - Zone 2A- Gold Coast Hwy - Energex Xing (EL-200-091 to 200-100 / 155)	30d	30-Aug-22	11-Oct-22	84d
Energex Works		65d	12-Oct-22	24-Jan-23	394d
DP-2A-EG-2000	PUP Works - Zone 2A- Gold Coast Hwy - Notification to Energex	50d	12-Oct-22	20-Dec-22	394d
DP-2A-EG-2010	PUP Works - Zone 2A- Gold Coast Hwy - Energex Works & Cutover (EL-200-091 to 200-113 / 155)	15d	21-Dec-22	24-Jan-23	394d
APA Gas		49d	30-Aug-22	07-Nov-22	262d
Protect/Relocate		25d	30-Aug-22	05-Oct-22	89d
DP-2A-GA-1020	PUP Works - Zone 2A- Gas Relocation DN63 IN DN110 (GA-200-018 / 019)	25d	30-Aug-22	05-Oct-22	89d
Cutover		23d	06-Oct-22	07-Nov-22	262d
DP-2A-GA-1140	PUP Works - Zone 2A- D&C Contractor to Notify APA Gas	20d	06-Oct-22	02-Nov-22	262d
DP-2A-GA-1160	PUP Works - Zone 2A- APA Gas Cutover (GA-200-018 / 019)	3d	03-Nov-22	07-Nov-22	262d
Telstra		33d	31-May-22	15-Jul-22	144d
Relocate Conduits & Cable Pull		33d	31-May-22	15-Jul-22	144d
DP-2A-TLS-1420	PUP Works - Zone 2A- Minor Protection Slab (TE-200-086 / 087 / 244 / 083 / 088 / 234 / 358 / 155)	5d	31-May-22	06-Jun-22	172d
DP-2A-TLS-1380	PUP Works - Zone 2A- Miami Shore Pde - New Stormwater impacts Telstra. Replace Telstra & Optus (TE-200-	27d	31-May-22	07-Jul-22	144d
DP-2A-TLS-1400	PUP Works - Zone 2A- Nundah Ave - New Stormwater impacts Telstra. Replace Telstra & Optus (TE-200-245)	27d	31-May-22	07-Jul-22	144d
DP-2A-TLS-1440	PUP Works - Zone 2A- Kelly Ave - Relocate Telstra (TE-200-085)	6d	08-Jul-22	15-Jul-22	144d
NBN		42d	08-Jul-22	07-Sep-22	231d
DP-2A-NB-1400	PUP Works - Zone 2A- Miami Shore Pde - NBN cables inside TE-200-082 (TE-200-082b)	42d	08-Jul-22	07-Sep-22	192d
DP-2A-NB-1440	PUP Works - Zone 2A- Nundah Ave - NBN cables inside TE-200-245 (TE-200-245b)	42d	08-Jul-22	07-Sep-22	231d
OPTUS		1d	07-Jul-22	07-Jul-22	150d
DP-2A-NB-1420	PUP Works - Zone 2A- Miami Shore Pde/Nundah Ave - OPTUS cables inside TE-200-082 (TE-200-082a)	1d	07-Jul-22	07-Jul-22	150d
DP-2A-NB-1460	PUP Works - Zone 2A- Miami Shore Pde/Nundah Ave - OPTUS cables inside TE-200-082 (TE-200-245a)	1d	07-Jul-22	07-Jul-22	150d
Street Lighting Relocations		13d	12-Oct-22	28-Oct-22	97d
DP-2A-Stl-1000	Lighting Works - Zone 2A- Install Temporary Street Lighting	4d	12-Oct-22	17-Oct-22	97d
DP-2A-Stl-1020	Lighting Works - Zone 2A- Removal of Existing Lighting	9d	18-Oct-22	28-Oct-22	97d
Stormwater Drainage		243d	03-Nov-22	12-Dec-23	79d
Southbound		16d	01-Jun-23	22-Jun-23	86d
DP-2A-DR-1260	Drainage Works - Zone 2A- Goldcoast Hwy - Stormwater >DN750 Excav/Lay/Bfill (Southbound)	15d	01-Jun-23	21-Jun-23	87d
DP-2A-DR-1870	Drainage Works - Zone 2A- Goldcoast Hwy - Stormwater <DN600 Excav/Lay/Bfill (Southbound)	16d	01-Jun-23	22-Jun-23	86d
Northbound		189d	03-Nov-22	19-Sep-23	80d
DP-2A-DR-2020	Drainage Works - Zone 2A- Goldcoast Hwy - Stormwater <DN600 Excav/Lay/Bfill (Northbound)	14d	03-Nov-22	24-Nov-22	81d
DP-2A-DR-2040	Drainage Works - Zone 2A- Goldcoast Hwy - Stormwater >DN750 Excav/Lay/Bfill (Northbound)	35d	03-Nov-22	19-Jan-23	87d
DP-2A-DR-1840	Drainage Works - Zone 2A- Goldcoast Hwy - Stormwater <DN600 Excav/Lay/Bfill (Northbound)	27d	08-Aug-23	19-Sep-23	80d
DP-2A-DR-1200	Drainage Works - Zone 2A- Goldcoast Hwy - Stormwater >DN750 Excav/Lay/Bfill (Northbound)	7d	30-Aug-23	08-Sep-23	87d
Miami Shore Pde		27d	25-Nov-22	28-Jan-23	81d
DP-2A-DR-1220	Drainage Works - Zone 2A- Miami Shore Pde - Stormwater >DN750 Excav/Lay/Bfill	27d	25-Nov-22	28-Jan-23	81d
Nundah Ave		13d	08-Aug-23	29-Aug-23	86d
DP-2A-DR-1920	Drainage Works - Zone 2A- Nundah Ave - Stormwater >DN750 Excav/Lay/Bfill (Start of RW)	13d	08-Aug-23	29-Aug-23	86d
Crossing		70d	01-Jun-23	09-Sep-23	86d
DP-2A-DR-1960	Drainage Works - Zone 2A- Brakes Cres - Stormwater RCBC 2400x450 - Excav/Lay/BFill	27d	01-Jun-23	08-Jul-23	121d
DP-2A-DR-1320	Drainage Works - Zone 2A- Goldcoast Hwy - Stormwater >DN750 Excav/Lay/Bfill (Nundah Ave) (Night)	5d	30-Aug-23	06-Sep-23	86d
DP-2A-DR-1980	Drainage Works - Zone 2A- Goldcoast Hwy - DN450 Stormwater Excav/Lay/Bfill (Nundah Ave) (Night)	3d	07-Sep-23	09-Sep-23	86d
Undertrack		177d	09-Mar-23	12-Dec-23	79d
DP-2A-DR-2000	Drainage Works - Zone 2A- Goldcoast Hwy - Stormwater <DN600 Excav/Lay/Bfill (Southbound)	13d	09-Mar-23	30-Mar-23	81d
DP-2A-DR-1910	Drainage Works - Zone 2A- Goldcoast Hwy - Stormwater <DN600 Excav/Lay/Bfill (Southbound)	29d	26-Oct-23	12-Dec-23	79d
Dawn Pde to Brakes Crescent (Ch 37,095 - 37,530)		198d	31-Oct-22	23-Aug-23	200d
Civil Works - Kerb and Shoulder Lanes		82d	31-Oct-22	08-Mar-23	90d
DP-2A-CW-5320	Civil Works - Zone 2A- Shift Traffic to Median Lanes	3d	31-Oct-22	02-Nov-22	97d
DP-2A-CW-5380	Civil Works - Zone 2A- Remove existing asphalt and subbase	5d	03-Nov-22	12-Nov-22	114d
DP-2A-CW-5280	Civil Works - Zone 2A- Replace kerb and channel at PUP crossings	3d	14-Nov-22	17-Nov-22	114d
DP-2A-CW-5400	Civil Works - Zone 2A- FRP pedestrian footpath at PUP Crossings	6d	18-Nov-22	24-Nov-22	129d
DP-2A-CW-5540	Civil Works - Zone 2A- Prepare subgrade	11d	30-Jan-23	14-Feb-23	81d
DP-2A-CW-5340	Civil Works - Zone 2A- Place subbase and base course	4d	15-Feb-23	20-Feb-23	92d
DP-2A-CW-5260	Civil Works - Zone 2A- Place asphalt (Incl Prime and Seal)	7d	23-Feb-23	03-Mar-23	80d
DP-2A-CW-5300	Civil Works - Zone 2A- Shift Traffic to Kerb and Shoulder Lanes	3d	06-Mar-23	08-Mar-23	90d
Civil Works - Rail Corridor		44d	08-Mar-23	26-May-23	81d
DP-2A-CW-5100	Civil Works - Zone 2A- Shift Traffic to Kerb and Shoulder Lanes	0d		08-Mar-23	81d
DP-2A-CW-5520	Civil Works - Zone 2A- Profile central median and asphalt	3d	31-Mar-23	04-Apr-23	81d
DP-2A-CW-5120	Civil Works - Zone 2A- Bulk and Detail excavation	11d	06-Apr-23	02-May-23	81d
DP-2A-CW-5140	Civil Works - Zone 2A- Flooding and compact subgrade	7d	26-Apr-23	05-May-23	81d
DP-2A-CW-5160	Civil Works - Zone 2A- Install CSR conduits and Pits	6d	03-May-23	12-May-23	81d
DP-2A-CW-5180	Civil Works - Zone 2A- Place and Compact Type 2.1 Road base	8d	09-May-23	18-May-23	81d



Date	Revision	Checked	Approved

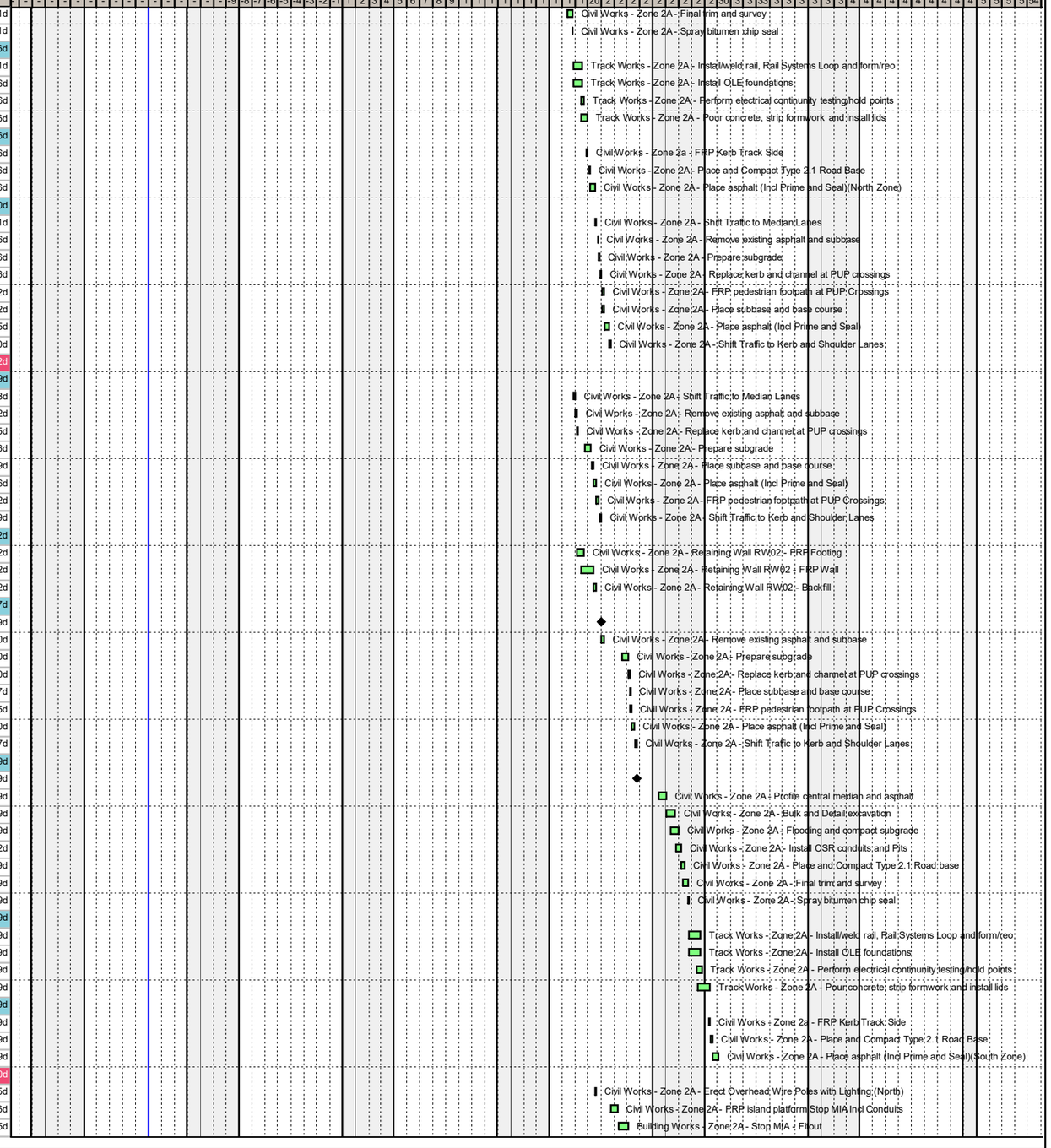
Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2A-CW-5240	Civil Works - Zone 2A - Final trim and survey	10d	13-May-23	25-May-23	81d
DP-2A-CW-5200	Civil Works - Zone 2A - Spray bitumen chip seal	1d	26-May-23	26-May-23	81d
Civil Works - Track		24d	29-May-23	29-Jun-23	176d
DP-2A-TW-1100	Track Works - Zone 2A - Install/weld rail, Rail Systems Loop and form/reo	15d	29-May-23	17-Jun-23	81d
DP-2A-TW-1120	Track Works - Zone 2A - Install OLE foundations	15d	29-May-23	17-Jun-23	176d
DP-2A-TW-1140	Track Works - Zone 2A - Perform electrical continunity testing/hold points	6d	15-Jun-23	21-Jun-23	176d
DP-2A-TW-1160	Track Works - Zone 2A - Pour concrete, strip formwork and install lids	11d	16-Jun-23	29-Jun-23	176d
Civil Works - Reinstate Track Verge		15d	28-Jun-23	18-Jul-23	176d
DP-2A-CW-5680	Civil Works - Zone 2a - FRP Kerb Track Side	3d	28-Jun-23	30-Jun-23	176d
DP-2A-CW-5220	Civil Works - Zone 2A - Place and Compact Type 2.1 Road Base	2d	04-Jul-23	05-Jul-23	176d
DP-2A-CW-5360	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)(North Zone)	10d	06-Jul-23	18-Jul-23	176d
Civil Works - Central Lanes		26d	19-Jul-23	23-Aug-23	200d
DP-2A-CW-5740	Civil Works - Zone 2A - Shift Traffic to Median Lanes	3d	19-Jul-23	21-Jul-23	201d
DP-2A-CW-5480	Civil Works - Zone 2A - Remove existing asphalt and subbase	2d	24-Jul-23	25-Jul-23	176d
DP-2A-CW-5500	Civil Works - Zone 2A - Prepare subgrade	4d	26-Jul-23	29-Jul-23	176d
DP-2A-CW-5700	Civil Works - Zone 2A - Replace kerb and channel at PUP crossings	3d	31-Jul-23	02-Aug-23	176d
DP-2A-CW-5720	Civil Works - Zone 2A - FRP pedestrian footpath at PUP Crossings	3d	03-Aug-23	07-Aug-23	182d
DP-2A-CW-5460	Civil Works - Zone 2A - Place subbase and base course	4d	03-Aug-23	08-Aug-23	202d
DP-2A-CW-5420	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)	6d	09-Aug-23	19-Aug-23	175d
DP-2A-CW-5440	Civil Works - Zone 2A - Shift Traffic to Kerb and Shoulder Lanes	3d	21-Aug-23	23-Aug-23	200d
South of Brakes Cres to Intersection I76 (Ch 37,530 - 37,967)		229d	29-May-23	03-May-24	82d
Civil Works - Finishing Kerbs and Southbound Lanes		47d	29-May-23	01-Aug-23	89d
DP-2A-CW-1520	Civil Works - Zone 2A - Shift Traffic to Median Lanes	3d	29-May-23	31-May-23	83d
DP-2A-CW-1720	Civil Works - Zone 2A - Remove existing asphalt and subbase	4d	01-Jun-23	05-Jun-23	82d
DP-2A-CW-1480	Civil Works - Zone 2A - Replace kerb and channel at PUP crossings	3d	06-Jun-23	08-Jun-23	95d
DP-2A-CW-2120	Civil Works - Zone 2A - Prepare subgrade	10d	23-Jun-23	07-Jul-23	86d
DP-2A-CW-1620	Civil Works - Zone 2A - Place subbase and base course	4d	10-Jul-23	13-Jul-23	89d
DP-2A-CW-1420	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)	7d	14-Jul-23	21-Jul-23	86d
DP-2A-CW-1740	Civil Works - Zone 2A - FRP pedestrian footpath at PUP Crossings	6d	20-Jul-23	27-Jul-23	82d
DP-2A-CW-1500	Civil Works - Zone 2A - Shift Traffic to Kerb and Shoulder Lanes	3d	28-Jul-23	01-Aug-23	89d
Civil Works - Shared Path Widening (250 m)		31d	06-Jun-23	19-Jul-23	82d
DP-2A-CW-2260	Civil Works - Zone 2A - Retaining Wall RW02 - FRP Footing	11d	06-Jun-23	21-Jun-23	82d
DP-2A-CW-2280	Civil Works - Zone 2A - Retaining Wall RW02 - FRP Wall	21d	15-Jun-23	13-Jul-23	82d
DP-2A-CW-2300	Civil Works - Zone 2A - Retaining Wall RW02 - Backfill	5d	14-Jul-23	19-Jul-23	82d
Civil Works - Finishing Kerbs and Northbound Lanes		58d	01-Aug-23	24-Oct-23	97d
DP-2A-CW-5080	Civil Works - Zone 2A - Shift Traffic to Median Lanes	0d		01-Aug-23	89d
DP-2A-CW-1820	Civil Works - Zone 2A - Remove existing asphalt and subbase	4d	02-Aug-23	07-Aug-23	80d
DP-2A-CW-1840	Civil Works - Zone 2A - Prepare subgrade	10d	20-Sep-23	04-Oct-23	80d
DP-2A-CW-1860	Civil Works - Zone 2A - Replace kerb and channel at PUP crossings	3d	05-Oct-23	07-Oct-23	80d
DP-2A-CW-1880	Civil Works - Zone 2A - Place subbase and base course	2d	09-Oct-23	10-Oct-23	97d
DP-2A-CW-174	Civil Works - Zone 2A - FRP pedestrian footpath at PUP Crossings	3d	09-Oct-23	12-Oct-23	85d
DP-2A-CW-1760	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)	6d	12-Oct-23	19-Oct-23	80d
DP-2A-CW-1780	Civil Works - Zone 2A - Shift Traffic to Kerb and Shoulder Lanes	3d	20-Oct-23	24-Oct-23	97d
Civil Works - Rail Corridor		62d	24-Oct-23	23-Feb-24	79d
DP-2A-CW-1000	Civil Works - Zone 2A - Shift Traffic to Kerb and Shoulder Lanes	0d		24-Oct-23	79d
DP-2A-CW-2100	Civil Works - Zone 2A - Profile central median and asphalt	3d	14-Dec-23	02-Jan-24	79d
DP-2A-CW-1100	Civil Works - Zone 2A - Bulk and Detail excavation	13d	03-Jan-24	23-Jan-24	79d
DP-2A-CW-1120	Civil Works - Zone 2A - Flooding and compact subgrade	10d	12-Jan-24	30-Jan-24	79d
DP-2A-CW-1140	Civil Works - Zone 2A - Install CSR conduits and Pits	6d	25-Jan-24	05-Feb-24	82d
DP-2A-CW-1160	Civil Works - Zone 2A - Place and Compact Type 2.1 Road base	6d	06-Feb-24	13-Feb-24	79d
DP-2A-CW-1360	Civil Works - Zone 2A - Final trim and survey	7d	10-Feb-24	22-Feb-24	79d
DP-2A-CW-1180	Civil Works - Zone 2A - Spray bitumen chip seal	1d	23-Feb-24	23-Feb-24	79d
Civil Works - Track		24d	24-Feb-24	12-Apr-24	79d
DP-2A-TW-1000	Track Works - Zone 2A - Install/weld rail, Rail Systems Loop and form/reo	15d	24-Feb-24	21-Mar-24	79d
DP-2A-TW-1020	Track Works - Zone 2A - Install OLE foundations	15d	24-Feb-24	21-Mar-24	79d
DP-2A-TW-1040	Track Works - Zone 2A - Perform electrical continunity testing/hold points	6d	14-Mar-24	25-Mar-24	79d
DP-2A-TW-1080	Track Works - Zone 2A - Pour concrete, strip formwork and install lids	11d	15-Mar-24	12-Apr-24	79d
Civil Works - Reinstate Track Verge		17d	11-Apr-24	03-May-24	79d
DP-2A-CW-2180	Civil Works - Zone 2a - FRP Kerb Track Side	3d	11-Apr-24	13-Apr-24	79d
DP-2A-CW-1200	Civil Works - Zone 2A - Place and Compact Type 2.1 Road Base	4d	15-Apr-24	19-Apr-24	79d
DP-2A-CW-1700	Civil Works - Zone 2A - Place asphalt (Incl Prime and Seal)(South Zone)	10d	20-Apr-24	03-May-24	79d
Civil Works - System Fitout		195d	19-Jul-23	09-May-24	110d
DP-2A-CW-5760	Civil Works - Zone 2A - Erect Overhead Wire Poles with Lighting (North)	3d	19-Jul-23	21-Jul-23	255d
DP-2A-CW-1680	Civil Works - Zone 2A - FRP island platform Stop MIA Incl Conduits	11d	24-Aug-23	09-Sep-23	176d
DP-2A-BW-1040	Building Works - Zone 2A - Stop MIA - Fitout	16d	11-Sep-23	04-Oct-23	215d



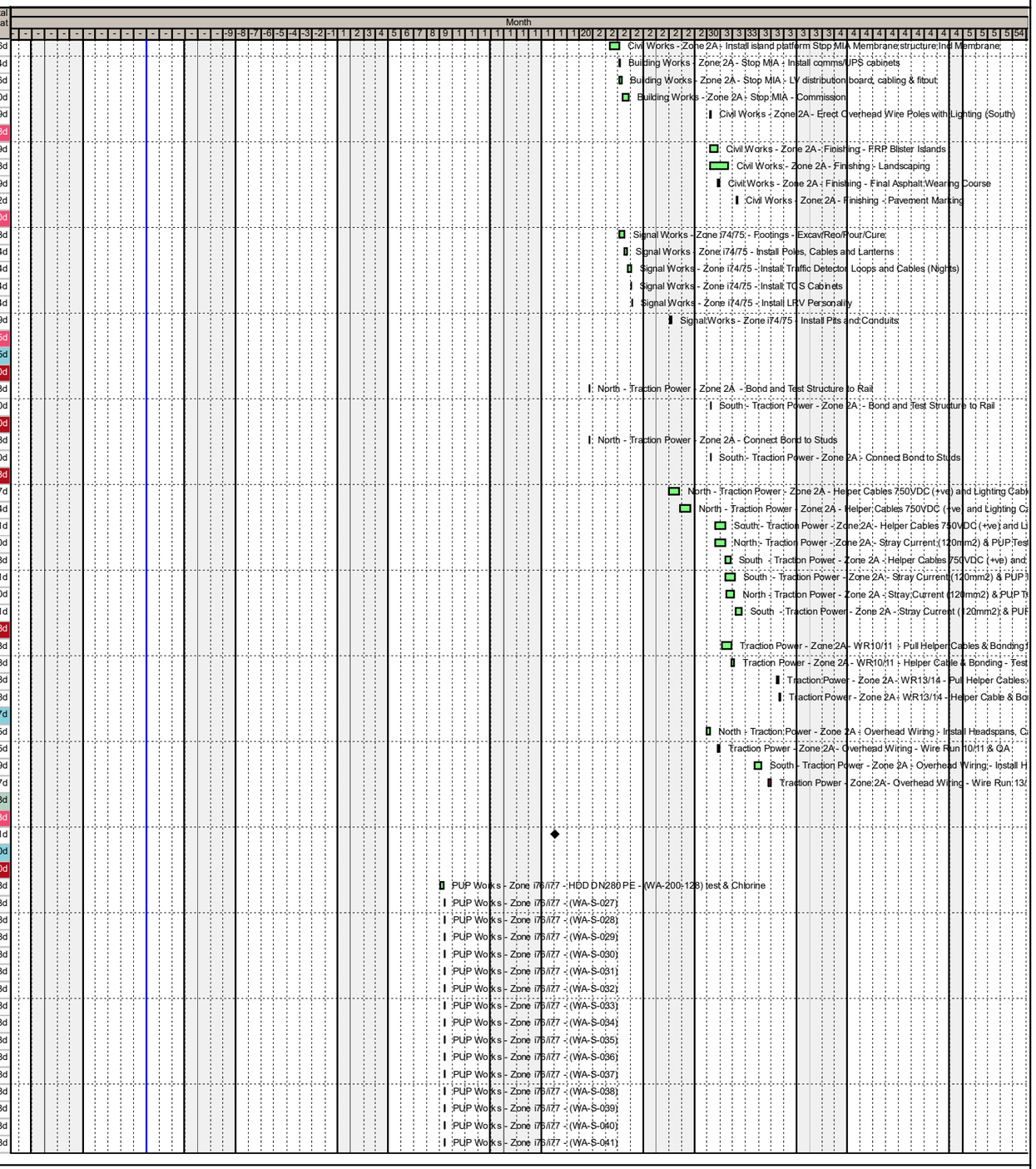
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2A-CW-1900	Civil Works - Zone 2A - Install island platform Stop MIA Membrane structure Incl Membrane	16d	11-Sep-23	04-Oct-23	176d
DP-2A-BW-1060	Building Works - Zone 2A - Stop MIA - Install comms/UPS cabinets	1d	05-Oct-23	05-Oct-23	214d
DP-2A-BW-1080	Building Works - Zone 2A - Stop MIA - LV distribution board, cabling & fitout	5d	05-Oct-23	10-Oct-23	176d
DP-2A-BW-1100	Building Works - Zone 2A - Stop MIA - Commission	11d	12-Oct-23	26-Oct-23	210d
DP-2A-CW-1660	Civil Works - Zone 2A - Erect Overhead Wire Poles with Lighting (South)	3d	07-May-24	09-May-24	79d
Civil Works - Finishing		46d	07-May-24	11-Jul-24	198d
DP-2A-CW-5000	Civil Works - Zone 2A - Finishing - FRP Blister Islands	14d	07-May-24	25-May-24	219d
DP-2A-CW-5060	Civil Works - Zone 2A - Finishing - Landscaping	31d	07-May-24	20-Jun-24	213d
DP-2A-CW-5020	Civil Works - Zone 2A - Finishing - Final Asphalt Wearing Course	3d	27-May-24	30-May-24	219d
DP-2A-CW-5040	Civil Works - Zone 2A - Finishing - Pavement Marking	2d	10-Jul-24	11-Jul-24	192d
Traffic Control Systems (TCS)		66d	05-Oct-23	05-Feb-24	160d
DP-I74-TCS-1040	Signal Works - Zone i74/75 - Footings - Excav/Reo/Pour/Cure	8d	05-Oct-23	16-Oct-23	173d
DP-I74-TCS-1060	Signal Works - Zone i74/75 - Install Poles, Cables and Lanterns	6d	17-Oct-23	23-Oct-23	204d
DP-I74-TCS-1080	Signal Works - Zone i74/75 - Install Traffic Detector Loops and Cables (Nights)	6d	24-Oct-23	01-Nov-23	204d
DP-I74-TCS-1100	Signal Works - Zone i74/75 - Install TCS Cabinets	1d	02-Nov-23	02-Nov-23	204d
DP-I74-TCS-1120	Signal Works - Zone i74/75 - Install LRV Personality	1d	03-Nov-23	03-Nov-23	204d
DP-I74-TCS-1000	Signal Works - Zone i74/75 - Install Pits and Conduits	3d	01-Feb-24	05-Feb-24	79d
Traction Power & Overhead Line		281d	24-Jul-23	22-Oct-24	15d
CSR Cabling		281d	24-Jul-23	22-Oct-24	15d
Structure-to-Track		169d	24-Jul-23	10-May-24	110d
DP-2A-BC-1420	North - Traction Power - Zone 2A - Bond and Test Structure to Rail	1d	24-Jul-23	24-Jul-23	263d
DP-2A-BC-1460	South - Traction Power - Zone 2A - Bond and Test Structure to Rail	1d	10-May-24	10-May-24	110d
Track-to-Track		169d	24-Jul-23	10-May-24	110d
DP-2A-BC-1000	North - Traction Power - Zone 2A - Connect Bond to Studs	1d	24-Jul-23	24-Jul-23	263d
DP-2A-BC-1440	South - Traction Power - Zone 2A - Connect Bond to Studs	1d	10-May-24	10-May-24	110d
Pit-to-Pit		107d	30-Jan-24	22-Jul-24	78d
DP-2A-HC-1020	North - Traction Power - Zone 2A - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out F	16d	30-Jan-24	24-Feb-24	137d
DP-2A-HC-1040	North - Traction Power - Zone 2A - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	15d	26-Feb-24	22-Mar-24	154d
DP-2A-HC-1190	South - Traction Power - Zone 2A - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out F	16d	21-May-24	13-Jun-24	71d
DP-2A-ST-1000	North - Traction Power - Zone 2A - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	21-May-24	14-Jun-24	90d
DP-2A-HC-1210	South - Traction Power - Zone 2A - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	14-Jun-24	26-Jun-24	88d
DP-2A-ST-1040	South - Traction Power - Zone 2A - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	71d
DP-2A-ST-1020	North - Traction Power - Zone 2A - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	15d	15-Jun-24	04-Jul-24	90d
DP-2A-ST-1060	South - Traction Power - Zone 2A - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	11d	08-Jul-24	22-Jul-24	71d
Pit-to-OLE		96d	05-Jun-24	22-Oct-24	8d
DP-2A-HC-1150	Traction Power - Zone 2A- WR10/11 - Pull Helper Cables & Bonding from Pit to OHL	17d	05-Jun-24	27-Jun-24	83d
DP-2A-OH-1300	Traction Power - Zone 2A- WR10/11 - Helper Cable & Bonding - Test & Terminate	4d	28-Jun-24	04-Jul-24	83d
DP-2A-HC-1170	Traction Power - Zone 2A- WR13/14 - Pull Helper Cables & Bonding from Pit to OHL	4d	15-Oct-24	19-Oct-24	8d
DP-2A-OH-1320	Traction Power - Zone 2A- WR13/14 - Helper Cable & Bonding - Test & Terminate	2d	21-Oct-24	22-Oct-24	8d
Overhead Line		106d	29-Apr-24	30-Sep-24	17d
DP-2A-OH-1120	North - Traction Power - Zone 2A - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	7d	29-Apr-24	08-May-24	95d
DP-2A-OH-1040	Traction Power - Zone 2A- Overhead Wiring - Wire Run 10/11 & QA	4d	27-May-24	31-May-24	85d
DP-2A-OH-1020	South - Traction Power - Zone 2A - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	11d	22-Aug-24	07-Sep-24	29d
DP-2A-OH-1100	Traction Power - Zone 2A- Overhead Wiring - Wire Run 13/14 & QA	4d	25-Sep-24	30-Sep-24	17d
Zone i76/77 Intersection - Med Term Closure - Kratzman & Toombul Ave (Ch 37,967 - 38,005) - 38m		529d	03-Aug-22	30-Sep-24	168d
Public Utilities Plant Works		180d	03-Aug-22	04-May-23	293d
DP-I76-MS-1000	PUP Works - Zone i76 - Conduits and Pipes Complete - Civil work to Commence	0d		04-May-23	291d
CoGC - Water		24d	03-Aug-22	08-Sep-22	400d
Water Scope		24d	03-Aug-22	08-Sep-22	400d
DP-i76/i77-WT-1280	PUP Works - Zone i76/i77 - HDD DN280 PE - (WA-200-128) test & Chlorine	5d	03-Aug-22	11-Aug-22	158d
DP-i76/i77-WT-S027	PUP Works - Zone i76/i77 - (WA-S-027)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S028	PUP Works - Zone i76/i77 - (WA-S-028)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S029	PUP Works - Zone i76/i77 - (WA-S-029)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S030	PUP Works - Zone i76/i77 - (WA-S-030)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S031	PUP Works - Zone i76/i77 - (WA-S-031)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S032	PUP Works - Zone i76/i77 - (WA-S-032)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S033	PUP Works - Zone i76/i77 - (WA-S-033)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S034	PUP Works - Zone i76/i77 - (WA-S-034)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S035	PUP Works - Zone i76/i77 - (WA-S-035)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S036	PUP Works - Zone i76/i77 - (WA-S-036)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S037	PUP Works - Zone i76/i77 - (WA-S-037)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S038	PUP Works - Zone i76/i77 - (WA-S-038)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S039	PUP Works - Zone i76/i77 - (WA-S-039)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S040	PUP Works - Zone i76/i77 - (WA-S-040)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S041	PUP Works - Zone i76/i77 - (WA-S-041)	1d	12-Aug-22	12-Aug-22	418d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-i76/i77-WT-S042	PUP Works - Zone i76/i77 - (WA-S-042)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S043	PUP Works - Zone i76/i77 - (WA-S-043)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S044	PUP Works - Zone i76/i77 - (WA-S-044)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S045	PUP Works - Zone i76/i77 - (WA-S-045)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S046	PUP Works - Zone i76/i77 - (WA-S-046)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S047	PUP Works - Zone i76/i77 - (WA-S-047)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S048	PUP Works - Zone i76/i77 - (WA-S-048)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-S049	PUP Works - Zone i76/i77 - (WA-S-049)	1d	12-Aug-22	12-Aug-22	418d
DP-i76/i77-WT-3170	PUP Works - Zone i76/i77 - (WA-200-130)	1d	08-Sep-22	08-Sep-22	369d
APA Gas		32d	06-Oct-22	18-Nov-22	395d
Protect / Relocate		6d	06-Oct-22	13-Oct-22	396d
DP-I76-GA-2440	PUP Works - Zone i76/77 - Gold Coast Hwy Crossing - Gas Relocation (GA200-021 / 024)	6d	06-Oct-22	13-Oct-22	396d
Cutover		24d	14-Oct-22	18-Nov-22	350d
DP-I76-GA-1180	PUP Works - Zone i76/77 - D&C Contractor to Notify APA Gas	21d	14-Oct-22	14-Nov-22	350d
DP-I76-GA-1200	PUP Works - Zone i76/77 - APA Gas Cutover (GA200-021 / 024)	3d	15-Nov-22	18-Nov-22	350d
Telstra		28d	10-Mar-23	04-May-23	264d
Trench (D&C Contractor)		10d	10-Mar-23	25-Mar-23	271d
DP-i76-TLS-1000	PUP Works - Zone i76/i77- Protection slab across Kratzmann Ave (TE-200-094 / 250)	5d	10-Mar-23	20-Mar-23	264d
DP-i76-TLS-1040	PUP Works - Zone i76/i77- Reconstruct Telstra manhole SW Corner Toombul Intersection (TE-200-390)	5d	21-Mar-23	25-Mar-23	271d
Relocate Conduits & Cable Pull		23d	21-Mar-23	04-May-23	264d
DP-i76-TLS-1060	PUP Works - Zone i76/i77- Toombul Ave - Relocate (TE-200-250)	23d	21-Mar-23	04-May-23	264d
DP-i76-TLS-1020	PUP Works - Zone i76/i77- Relocation of shallow assets, protection of deeper assets (TE-200-251)	11d	27-Mar-23	22-Apr-23	271d
Street Lighting Relocations		2d	05-May-23	08-May-23	291d
DP-I76-Stl-1000	Lighting Works - Zone i76/i77 - Install Temporary Street Lighting	1d	05-May-23	05-May-23	291d
DP-I76-Stl-1020	Lighting Works - Zone i76/i77 - Removal of Existing Lighting	1d	08-May-23	08-May-23	291d
Stormwater Drainage		15d	15-Feb-24	12-Mar-24	91d
Southbound		2d	15-Feb-24	16-Feb-24	91d
DP-I76-DR-1340	Drainage Works - Zone i76/77 - Kratzman Ave - Stormwater DN375 Excav/Lay/Bfill (Southbound) (>DN600)	2d	15-Feb-24	16-Feb-24	91d
Kratzman Ave		5d	22-Feb-24	27-Feb-24	91d
DP-I76-DR-1940	Drainage Works - Zone i76/77 - Gold Coast Hwy - Stormwater DN375 Excav/Lay/Bfill (Kratzman Ave)	5d	22-Feb-24	27-Feb-24	91d
Northbound		3d	09-Mar-24	12-Mar-24	91d
DP-I76-DR-1360	Drainage Works - Zone i76/77 - Gold Coast Hwy - Stormwater D450 Excav/Lay/Bfill (Northbound)	3d	09-Mar-24	12-Mar-24	91d
Civil Works - Finishing Kerbs and Southbound Lanes		18d	14-Feb-24	08-Mar-24	98d
DP-I76-CW-1520	Civil Works - Zone i76/77 - Shift Traffic West	1d	14-Feb-24	14-Feb-24	103d
DP-I76-CW-1720	Civil Works - Zone i76/77 - Remove existing asphalt and subbase	1d	15-Feb-24	15-Feb-24	94d
DP-I76-CW-1480	Civil Works - Zone i76/77 - Replace kerb and channel at PUP crossings	3d	16-Feb-24	23-Feb-24	94d
DP-I76-CW-1740	Civil Works - Zone i76/77 - FRP pedestrian footpath at PUP Crossings	1d	24-Feb-24	24-Feb-24	97d
DP-I76-CW-2120	Civil Works - Zone i76/77 - Prepare subgrade	1d	29-Feb-24	29-Feb-24	91d
DP-I76-CW-1620	Civil Works - Zone i76/77 - Place subbase and base course	1d	01-Mar-24	01-Mar-24	91d
DP-I76-CW-1420	Civil Works - Zone i76/77 - Place asphalt (Incl Primer Seal)	2d	04-Mar-24	07-Mar-24	91d
DP-I76-CW-1500	Civil Works - Zone i76/77 - Shift Traffic to Kerb and Shoulder Lanes	1d	08-Mar-24	08-Mar-24	98d
Civil Works - Finishing Kerbs and Northbound Lanes		10d	08-Mar-24	22-Mar-24	96d
DP-I76-CW-5060	Civil Works - Zone i76/77 - Shift Traffic East	0d		08-Mar-24	98d
DP-I76-CW-1820	Civil Works - Zone i76/77 - Remove existing asphalt and subbase	1d	09-Mar-24	09-Mar-24	93d
DP-I76-CW-2140	Civil Works - Zone i76/77 - Replace kerb and channel at PUP crossings	3d	11-Mar-24	13-Mar-24	93d
DP-I76-CW-1840	Civil Works - Zone i76/77 - Prepare Subgrade	1d	13-Mar-24	13-Mar-24	91d
DP-I76-CW-1880	Civil Works - Zone i76/77 - Place subbase and base course	1d	14-Mar-24	14-Mar-24	91d
DP-I76-CW-2160	Civil Works - Zone i76/77 - FRP pedestrian footpath at PUP Crossings	1d	14-Mar-24	14-Mar-24	93d
DP-I76-CW-1760	Civil Works - Zone i76/77 - Place asphalt (Incl Primer Seal)	2d	15-Mar-24	21-Mar-24	91d
DP-I76-CW-1780	Civil Works - Zone i76/77 - Shift Traffic to Kerb and Shoulder Lanes	1d	22-Mar-24	22-Mar-24	96d
Civil Works - Rail Corridor		9d	22-Mar-24	13-Apr-24	132d
DP-I76-CW-1000	Civil Works - Zone i76/77 - Shift Traffic to Kerb and Shoulder Lanes	0d		22-Mar-24	91d
DP-I76-CW-2100	Civil Works - Zone i76/77 - Profile central median and asphalt	1d	23-Mar-24	23-Mar-24	91d
DP-I76-CW-1100	Civil Works - Zone i76/77 - Bulk and Detail excavation	2d	25-Mar-24	26-Mar-24	91d
DP-I76-CW-1120	Civil Works - Zone i76/77 - Flooding and compact subgrade	1d	28-Mar-24	28-Mar-24	91d
DP-I76-CW-1140	Civil Works - Zone i76/77 - Install CSR conduits and Pits	1d	08-Apr-24	08-Apr-24	91d
DP-I76-CW-1160	Civil Works - Zone i76/77 - Place and Compact Type 2.1 Road base	1d	11-Apr-24	11-Apr-24	132d
DP-I76-CW-1360	Civil Works - Zone i76/77 - Final trim and survey	1d	12-Apr-24	12-Apr-24	132d
DP-I76-CW-1180	Civil Works - Zone i76/77 - Spray bitumen chip seal	1d	13-Apr-24	13-Apr-24	132d
Civil Works - Track		3d	15-Apr-24	18-Apr-24	132d
DP-I76-TW-1000	Track Works - Zone i76/77 - Install/weld rail, Rail Systems Loop and form/reo	1d	15-Apr-24	15-Apr-24	132d
DP-I76-TW-1020	Track Works - Zone i76/77 - Install OLE foundations	1d	15-Apr-24	15-Apr-24	132d
DP-I76-TW-1040	Track Works - Zone i76/77 - Perform electrical continunity testing/hold points	1d	16-Apr-24	16-Apr-24	132d
DP-I76-TW-1080	Track Works - Zone i76/77 - Pour concrete and complete finishes	1d	18-Apr-24	18-Apr-24	132d
Civil Works - Reinstate Track Verge		3d	19-Apr-24	22-Apr-24	132d



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DP-I76-CW-1200	Civil Works - Zone i76/77 - Place and Compact Type 2.1 Road Base	1d	19-Apr-24	19-Apr-24	132d
DP-I76-CW-1700	Civil Works - Zone i76/77 - Place asphalt (Incl Primer Seal)	2d	20-Apr-24	22-Apr-24	132d
Civil Works - Finishing		67d	23-Apr-24	29-Jul-24	185d
DP-I76-CW-5020	Civil Works - Zone i76 - Finishing - Final Asphalt Wearing Course	1d	23-Apr-24	23-Apr-24	249d
DP-I76-CW-5040	Civil Works - Zone i76 - Finishing - Pavement Marking	2d	27-Jul-24	29-Jul-24	185d
Traffic Control Systems (TCS)		12d	14-Mar-24	12-Apr-24	130d
DP-I76-TCS-1040	Signal Works - Zone i76/77 - Footings - Excav/Reo/Pour/Cure	4d	14-Mar-24	22-Mar-24	96d
DP-I76-TCS-1060	Signal Works - Zone i76/77 - Install Poles, Cables and Lanterns	3d	23-Mar-24	26-Mar-24	128d
DP-I76-TCS-1080	Signal Works - Zone i76/77 - Install Traffic Detector Loops and Cables (Nights)	3d	28-Mar-24	09-Apr-24	128d
DP-I76-TCS-1000	Signal Works - Zone i76/77 - Install Pits and Conduits	2d	08-Apr-24	09-Apr-24	132d
DP-I76-TCS-1100	Signal Works - Zone i76/77 - Install TCS Cabinets	1d	11-Apr-24	11-Apr-24	128d
DP-I76-TCS-1120	Signal Works - Zone i76/77 - Install LRV Personality	1d	12-Apr-24	12-Apr-24	128d
Traction Power & Overhead Line		109d	23-Apr-24	30-Sep-24	42d
CSR Cabling		61d	23-Apr-24	22-Jul-24	86d
Track-to-Track		1d	23-Apr-24	23-Apr-24	146d
DP-i76/77-BC-1020	Traction Power - Zone i76/i77 - Connect Bond to Studs	1d	23-Apr-24	23-Apr-24	146d
Pit-to-Pit		44d	21-May-24	22-Jul-24	71d
DP-MS-S-PULL-2000	Commence Cabling (South)	0d	21-May-24		69d
DP-i76/i77-HC-1020	Traction Power - Zone i76/i77 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	71d
DP-i76/i77-HC-1040	Traction Power - Zone i76/i77 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	14-Jun-24	26-Jun-24	88d
DP-i76/i77-ST-1000	Traction Power - Zone i76/i77 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	71d
DP-i76/i77-ST-1020	Traction Power - Zone i76/i77 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	11d	08-Jul-24	22-Jul-24	71d
Overhead Line		4d	25-Sep-24	30-Sep-24	42d
DP-i76/i77-OH-1040	Traction Power - Zone i76/i77 - Overhead Wiring - Wire Run 13/14 & QA	4d	25-Sep-24	30-Sep-24	42d
Zone 2B (Ch 38,005 - 38,175) - 170m		557d	03-Aug-22	09-Nov-24	140d
Public Utilities Plant Works		244d	03-Aug-22	02-Aug-23	261d
DP-2B-MS-1000	PUP Works - Zone 2B - Conduits and Pipes Complete - Civil work to Commence	0d		03-May-23	63d
CoGC - Water		21d	12-Aug-22	10-Sep-22	158d
Water Scope		21d	12-Aug-22	10-Sep-22	158d
DP-2B-WT-1000	PUP Works - Zone 2B - (WA-200-131)	3d	12-Aug-22	15-Aug-22	176d
DP-2B-WT-1010	PUP Works - Zone 2B - (WA-200-129, WA-200-134) - DN250 - Install DICL - Excav/Lay/Bfill 134 test Chlorine	21d	12-Aug-22	10-Sep-22	158d
CoGC - Sewer		8d	03-Aug-22	15-Aug-22	176d
DP-2B-SW-1000	PUP Works - Zone 2B - Sewer Pipe Reline (SE-200-98 to 99)	8d	03-Aug-22	15-Aug-22	176d
Energex		109d	25-Feb-23	02-Aug-23	261d
Pre-Works		1d	27-Feb-23	27-Feb-23	106d
DP-2B-EG-1140	PUP Works - Zone 2B - Energex to install tigertails	1d	27-Feb-23	27-Feb-23	106d
Conduits & Pits		36d	25-Feb-23	03-May-23	63d
DP-2B-EG-1030	PUP Works - Zone 2B - Gold Coast Hwy - Energex Xing (EL-200-117)	36d	25-Feb-23	03-May-23	63d
Energex Works		65d	04-May-23	02-Aug-23	261d
DP-2B-EG-2000	PUP Works - Zone 2B - Gold Coast Hwy - Notification to Energex	50d	04-May-23	12-Jul-23	261d
DP-2B-EG-2010	PUP Works - Zone 2B - Gold Coast Hwy - Energex Works & Cutover (EL-200-117)	15d	13-Jul-23	02-Aug-23	261d
Telstra		11d	31-Aug-22	15-Sep-22	191d
Trench (D&C Contractor)		5d	08-Sep-22	13-Sep-22	192d
DP-2B-TLS-1080	PUP Works - Zone 2B - Protection Slab over Optus across Mountain view Ave (TE-200-260)	5d	08-Sep-22	13-Sep-22	192d
Relocate Conduits & Cable Pull		11d	31-Aug-22	15-Sep-22	191d
DP-2B-TLS-1100	PUP Works - Zone 2B - Trench and Relocation (TE-200-359)	11d	31-Aug-22	15-Sep-22	191d
APA Gas		65d	25-Feb-23	01-Jun-23	78d
Protect / Relocate		34d	25-Feb-23	28-Apr-23	65d
DP-2B-GA-1000	PUP Works - Zone 2B - Gas Relocation DN63 IN DN110 (GA-200-022) Deeper half prod rate	34d	25-Feb-23	28-Apr-23	65d
Cutover		23d	02-May-23	01-Jun-23	78d
DP-2B-GA-1140	PUP Works - Zone 2B - D&C Contractor to Notify APA Gas	20d	02-May-23	29-May-23	78d
DP-2B-GA-1160	PUP Works - Zone 2B - APA Gas Cutover (GA-200-022)	3d	30-May-23	01-Jun-23	78d
Street Lighting Relocations		3d	04-May-23	08-May-23	63d
DP-2B-Stl-1000	Lighting Works - Zone 2B - Install Temporary Street Lighting	1d	04-May-23	04-May-23	63d
DP-2B-Stl-1020	Lighting Works - Zone 2B - Removal of Existing Lighting	2d	05-May-23	08-May-23	63d
Stormwater Drainage		43d	11-May-23	08-Jul-23	64d
Southbound		16d	11-May-23	31-May-23	64d
DP-2B-DR-1380	Drainage Works - Zone 2B - Goldcoast Hwy - Stormwater DN375 Excav/Lay/Bfill (Southbound)	16d	11-May-23	31-May-23	64d
Northbound		13d	21-Jun-23	08-Jul-23	64d
DP-2B-DR-1400	Drainage Works - Zone 2B - Goldcoast Hwy - Stormwater DN375 Excav/Lay/Bfill (Northbound)small	13d	21-Jun-23	08-Jul-23	64d
Civil Works - Finishing Kerbs and Southbound Lanes		31d	09-May-23	20-Jun-23	66d
DP-2B-CW-1520	Civil Works - Zone 2B - Shift Traffic West	1d	09-May-23	09-May-23	63d
DP-2B-CW-1720	Civil Works - Zone 2B - Remove existing asphalt and subbase	2d	01-Jun-23	02-Jun-23	64d
DP-2B-CW-1480	Civil Works - Zone 2B - Replace kerb and channel at PUP crossings	3d	03-Jun-23	06-Jun-23	64d
DP-2B-CW-1740	Civil Works - Zone 2B - FRP pedestrian footpath at PUP Crossings	3d	07-Jun-23	09-Jun-23	69d



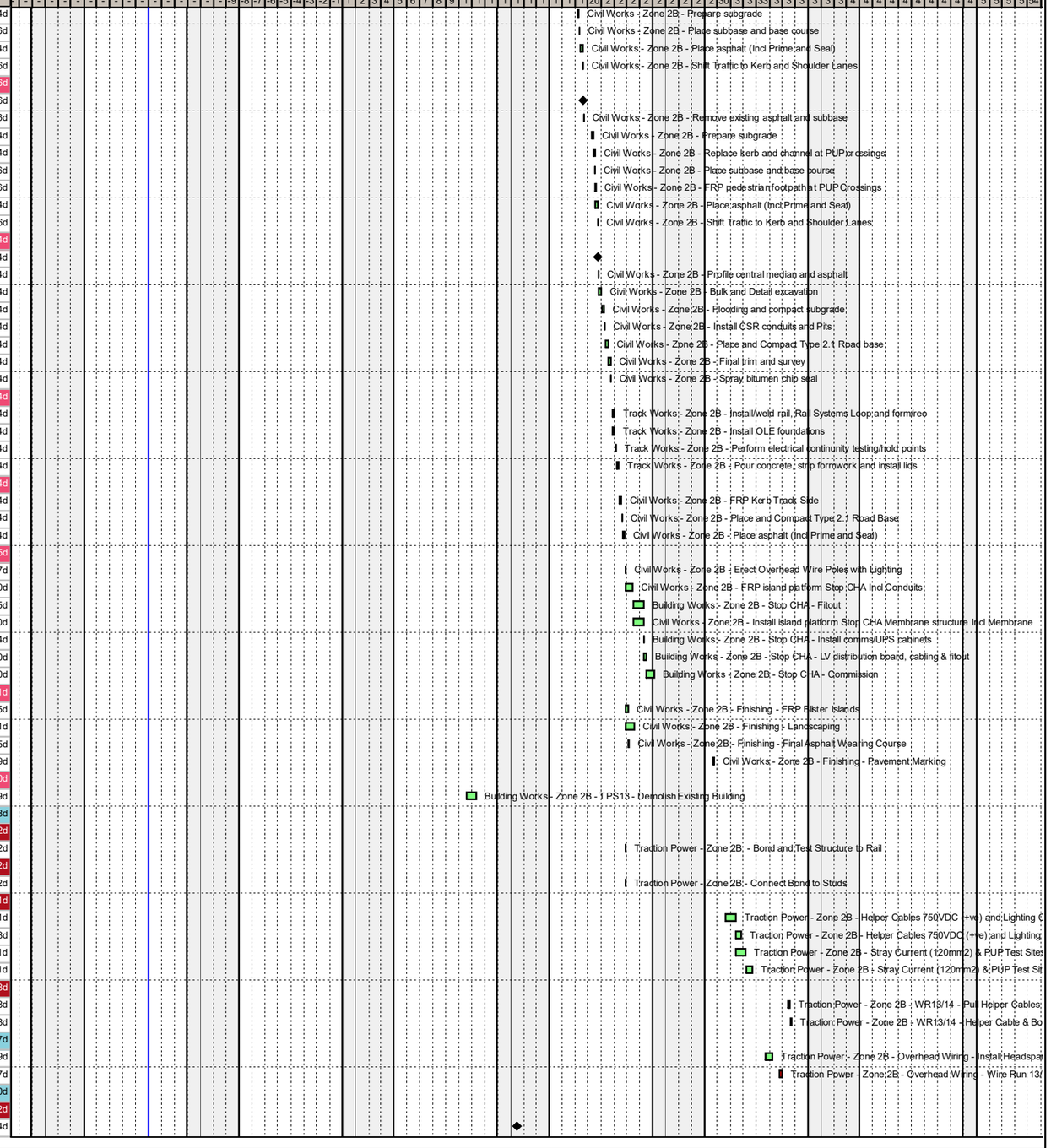
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2B-CW-2120	Civil Works - Zone 2B - Prepare subgrade	3d	07-Jun-23	09-Jun-23	64d
DP-2B-CW-1620	Civil Works - Zone 2B - Place subbase and base course	1d	12-Jun-23	12-Jun-23	66d
DP-2B-CW-1420	Civil Works - Zone 2B - Place asphalt (Incl Prime and Seal)	5d	13-Jun-23	19-Jun-23	64d
DP-2B-CW-1500	Civil Works - Zone 2B - Shift Traffic to Kerb and Shoulder Lanes	1d	20-Jun-23	20-Jun-23	66d
Civil Works - Finishing Kerbs and Northbound Lanes		25d	20-Jun-23	25-Jul-23	66d
DP-2B-CW-1800	Civil Works - Zone 2B - Shift Traffic East	0d		20-Jun-23	66d
DP-2B-CW-1820	Civil Works - Zone 2B - Remove existing asphalt and subbase	1d	21-Jun-23	21-Jun-23	76d
DP-2B-CW-1840	Civil Works - Zone 2B - Prepare subgrade	3d	10-Jul-23	13-Jul-23	64d
DP-2B-CW-1860	Civil Works - Zone 2B - Replace kerb and channel at PUP crossings	3d	14-Jul-23	17-Jul-23	64d
DP-2B-CW-1880	Civil Works - Zone 2B - Place subbase and base course	1d	18-Jul-23	18-Jul-23	66d
DP-2B-CW-174	Civil Works - Zone 2B - FRP pedestrian footpath at PUP Crossings	3d	18-Jul-23	20-Jul-23	66d
DP-2B-CW-1760	Civil Works - Zone 2B - Place asphalt (Incl Prime and Seal)	4d	19-Jul-23	24-Jul-23	64d
DP-2B-CW-1780	Civil Works - Zone 2B - Shift Traffic to Kerb and Shoulder Lanes	1d	25-Jul-23	25-Jul-23	66d
Civil Works - Rail Corridor		21d	25-Jul-23	24-Aug-23	64d
DP-2B-CW-1000	Civil Works - Zone 2B - Shift Traffic to Kerb and Shoulder Lanes	0d		25-Jul-23	64d
DP-2B-CW-210	Civil Works - Zone 2B - Profile central median and asphalt	1d	26-Jul-23	26-Jul-23	64d
DP-2B-CW-1100	Civil Works - Zone 2B - Bulk and Detail excavation	6d	27-Jul-23	02-Aug-23	64d
DP-2B-CW-1120	Civil Works - Zone 2B - Flooding and compact subgrade	4d	03-Aug-23	08-Aug-23	64d
DP-2B-CW-1140	Civil Works - Zone 2B - Install CSR conduits and Pits	2d	09-Aug-23	10-Aug-23	64d
DP-2B-CW-1160	Civil Works - Zone 2B - Place and Compact Type 2.1 Road base	3d	11-Aug-23	18-Aug-23	64d
DP-2B-CW-1360	Civil Works - Zone 2B - Final trim and survey	4d	19-Aug-23	23-Aug-23	64d
DP-2B-CW-1180	Civil Works - Zone 2B - Spray bitumen chip seal	1d	24-Aug-23	24-Aug-23	64d
Civil Works - Track		12d	28-Aug-23	12-Sep-23	64d
DP-2B-TW-1000	Track Works - Zone 2B - Install/weld rail, Rail Systems Loop and form/reo	5d	28-Aug-23	01-Sep-23	64d
DP-2B-TW-1020	Track Works - Zone 2B - Install OLE foundations	5d	28-Aug-23	01-Sep-23	64d
DP-2B-TW-1040	Track Works - Zone 2B - Perform electrical continunity testing/hold points	2d	05-Sep-23	06-Sep-23	64d
DP-2B-TW-1080	Track Works - Zone 2B - Pour concrete, strip formwork and install lids	5d	07-Sep-23	12-Sep-23	64d
Civil Works - Reinstate Track Verge		10d	14-Sep-23	26-Sep-23	64d
DP-2B-CW-2180	Civil Works - Zone 2B - FRP Kerb Track Side	3d	14-Sep-23	18-Sep-23	64d
DP-2B-CW-1200	Civil Works - Zone 2B - Place and Compact Type 2.1 Road Base	2d	19-Sep-23	20-Sep-23	64d
DP-2B-CW-1700	Civil Works - Zone 2B - Place asphalt (Incl Prime and Seal)	5d	21-Sep-23	26-Sep-23	64d
Civil Works - System Fitout		49d	27-Sep-23	05-Dec-23	175d
DP-2B-CW-1660	Civil Works - Zone 2B - Erect Overhead Wire Poles with Lighting	1d	27-Sep-23	27-Sep-23	197d
DP-2B-CW-1680	Civil Works - Zone 2B - FRP island platform Stop CHA Incl Conduits	11d	27-Sep-23	13-Oct-23	150d
DP-2B-BW-2040	Building Works - Zone 2B - Stop CHA - Fitout	16d	16-Oct-23	09-Nov-23	155d
DP-2B-CW-1900	Civil Works - Zone 2B - Install island platform Stop CHA Membrane structure Incl Membrane	16d	16-Oct-23	09-Nov-23	150d
DP-2B-BW-2060	Building Works - Zone 2B - Stop CHA - Install comms/UPS cabinets	1d	10-Nov-23	10-Nov-23	154d
DP-2B-BW-2080	Building Works - Zone 2B - Stop CHA - LV distribution board, cabling & fitout	5d	10-Nov-23	16-Nov-23	150d
DP-2B-BW-1100	Building Works - Zone 2B - Stop CHA - Commission	11d	17-Nov-23	05-Dec-23	150d
Civil Works - Finishing		113d	27-Sep-23	23-Apr-24	251d
DP-2B-CW-5000	Civil Works - Zone 2B - Finishing - FRP Blister Islands	4d	27-Sep-23	04-Oct-23	315d
DP-2B-CW-5060	Civil Works - Zone 2B - Finishing - Landscaping	13d	27-Sep-23	17-Oct-23	351d
DP-2B-CW-5020	Civil Works - Zone 2B - Finishing - Final Asphalt Wearing Course	1d	05-Oct-23	05-Oct-23	315d
DP-2B-CW-5040	Civil Works - Zone 2B - Finishing - Pavement Marking	2d	22-Apr-24	23-Apr-24	209d
Traction Power & Overhead Line		525d	19-Sep-22	09-Nov-24	0d
DP-2B-BW-2100	Building Works - Zone 2B - TPS13 - Demolish Existing Building	16d	19-Sep-22	11-Oct-22	119d
CSR Cabling		235d	28-Sep-23	22-Oct-24	8d
Structure-to-Track		1d	28-Sep-23	28-Sep-23	232d
DP-2B-BC-1460	Traction Power - Zone 2B - Bond and Test Structure to Rail	1d	28-Sep-23	28-Sep-23	232d
Track-to-Track		1d	28-Sep-23	28-Sep-23	232d
DP-2B-BC-1000	Traction Power - Zone 2B - Connect Bond to Studs	1d	28-Sep-23	28-Sep-23	232d
Pit-to-Pit		44d	21-May-24	22-Jul-24	71d
DP-2B-HC-1020	Traction Power - Zone 2B - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	71d
DP-2B-HC-1460	Traction Power - Zone 2B - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	14-Jun-24	26-Jun-24	88d
DP-2B-ST-1000	Traction Power - Zone 2B - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	71d
DP-2B-ST-2220	Traction Power - Zone 2B - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	11d	08-Jul-24	22-Jul-24	71d
Pit-to-OLE		6d	15-Oct-24	22-Oct-24	8d
DP-2B-HC-1210	Traction Power - Zone 2B - WR13/14 - Pull Helper Cables & Bonding from Pit to OHL	4d	15-Oct-24	19-Oct-24	8d
DP-2B-HC-1420	Traction Power - Zone 2B - WR13/14 - Helper Cable & Bonding - Test & Terminate	2d	21-Oct-24	22-Oct-24	8d
Overhead Line		27d	22-Aug-24	30-Sep-24	17d
DP-2B-OH-1020	Traction Power - Zone 2B - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	11d	22-Aug-24	07-Sep-24	29d
DP-2B-OH-1040	Traction Power - Zone 2B - Overhead Wiring - Wire Run 13/14 & QA	4d	25-Sep-24	30-Sep-24	17d
TPS13 - Christine Avenue (Ch 38190)		451d	16-Jan-23	09-Nov-24	0d
TPS13 Structure		105d	16-Jan-23	19-Jun-23	72d
DP-2B-CW-1960	Building Works - Zone 2B - TPS Civils commence	0d	16-Jan-23		84d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2B-BW-1000	Building Works - Zone 2B - TPS13 - Erect Hoardings	2d	17-Jan-23	19-Jan-23	71d
DP-2B-BW-1040	Building Works - Zone 2B - TPS13 - Construct U/G Services & Earthing Grid	21d	20-Jan-23	20-Feb-23	71d
DP-2B-BW-1060	Building Works - Zone 2B - TPS13 - Construct substation building - Foundation & Prep Works	53d	23-Feb-23	25-May-23	71d
DP-2B-BW-1080	Building Works - Zone 2B - TPS13 - Construct Access Path, Toilet & Misc Landings	16d	26-May-23	17-Jun-23	71d
DP-2B-SS-1000	TPS13 - Civil handover - Substation foundation	0d	19-Jun-23		71d
TPS13 Substation		5d	19-Jun-23	23-Jun-23	85d
DP-2B-SS-1020	TPS13 - Substation - Crane into place & secure	5d	19-Jun-23	23-Jun-23	85d
LV Cabling (415V)		122d	17-Jan-23	28-Jul-23	71d
DP-2B-SS-2230	Traction Power - TPS13 - Energex 415V Metered Supply Installation	11d	17-Jan-23	02-Feb-23	177d
DP-2B-SS-1520	Traction Power - TPS13 - 415V Cable - Pull Cable (inside substation)	3d	26-Jun-23	28-Jun-23	85d
DP-2B-SS-1580	Traction Power - TPS13 - 415V Cable - Test & Terminate (inside substation)	3d	29-Jun-23	04-Jul-23	85d
DP-2B-SS-2250	Traction Power - TPS13 - 415V Supply - Post Install Checks	5d	24-Jul-23	28-Jul-23	71d
HV Cabling (11kV)		14d	26-Jun-23	14-Jul-23	239d
DP-2B-SS-1600	Traction Power - TPS13 - 11kV Cable - Pull Cable (inside substation)	3d	26-Jun-23	28-Jun-23	242d
DP-2B-SS-1620	Traction Power - TPS13 - 11kV Cable - Test & Terminate (inside substation)	3d	05-Jul-23	07-Jul-23	239d
DP-2B-SS-2180	Traction Power - TPS13 - 11kV Cable - Post Install Checks	5d	08-Jul-23	14-Jul-23	239d
Traction Cabling		16d	11-Aug-23	07-Sep-23	255d
750VDC (+ve)		5d	11-Aug-23	21-Aug-23	250d
DP-2B-SS-1680	Traction Power - TPS13 - 750VDC (+ve) (2no.) - Pull Cable to Pit	2d	11-Aug-23	17-Aug-23	250d
DP-2B-SS-1700	Traction Power - TPS13 - 750VDC (+ve) (2no.) - Test & Terminate	3d	18-Aug-23	21-Aug-23	250d
750VDC (-ve)		11d	22-Aug-23	07-Sep-23	255d
DP-2B-SS-1720	Traction Power - TPS13 - 750VDC (-ve) (4no.) - Pull Cable and Bolt to Rail	3d	22-Aug-23	24-Aug-23	250d
DP-2B-SS-1740	Traction Power - TPS13 - 750VDC (-ve) (4no.) - Test & Terminate	3d	28-Aug-23	30-Aug-23	250d
DP-2B-SS-2200	Traction Power - TPS13 - 750VDC (-ve) (4no.) - Post Install Checks	5d	31-Aug-23	07-Sep-23	255d
Stray Current Cabling		10d	31-Aug-23	14-Sep-23	250d
DP-2B-ST-2160	Traction Power - TPS13 - Stray Current - Pull Cable to Pit	2d	31-Aug-23	01-Sep-23	250d
DP-2B-ST-2180	Traction Power - TPS13 - Stray Current - Test & Terminate	3d	05-Sep-23	07-Sep-23	250d
DP-2B-ST-2240	Traction Power - TPS13 - Stray Current - Post Install Checks	5d	08-Sep-23	14-Sep-23	250d
Energex		88d	19-Jun-23	20-Oct-23	89d
TPIS Install		19d	19-Jun-23	14-Jul-23	71d
DP-2B-SS-1540	Traction Power - TPS13 - Energex Install TPIS 11kV Switchgear (Out of Energex Stock) & Fitout (with RMU)	16d	19-Jun-23	10-Jul-23	71d
DP-2B-SS-1640	Traction Power - TPS13 - Energex pull Cable out to 11kv point of coupling & Precommission	3d	11-Jul-23	14-Jul-23	71d
LV Cabling (415V)		6d	15-Jul-23	21-Jul-23	71d
DP-2B-SS-1900	Traction Power - TPS13 - 415V Cable - Pull Cable from TPIS (outside substation)	3d	15-Jul-23	18-Jul-23	71d
DP-2B-SS-1920	Traction Power - TPS13 - 415V Cable - Test & Terminate (outside substation)	3d	19-Jul-23	21-Jul-23	71d
HV Cabling (11kV)		11d	15-Jul-23	28-Jul-23	90d
DP-2B-SS-1940	Traction Power - TPS13 - 11kV Cable - Pull Cable from TPIS (outside substation)	3d	15-Jul-23	18-Jul-23	90d
DP-2B-SS-1960	Traction Power - TPS13 -11kV Cable - Test & Terminate (outside substation)	3d	19-Jul-23	21-Jul-23	90d
DP-2B-SS-2220	Traction Power - TPS13 -TPIS - Post Install Checks	5d	24-Jul-23	28-Jul-23	90d
Energex Notification for Energisation		84d	29-Jul-23	20-Oct-23	140d
DP-2B-SS-2360	Traction Power - TPS13 - 12 weeks Notice To Energex for Energisation	84d	29-Jul-23	20-Oct-23	140d
SAT		66d	31-Jul-23	01-Nov-23	249d
DP-2B-SS-1780	Traction Power - TPS13 - 415V Supply - SAT	8d	31-Jul-23	09-Aug-23	75d
DP-2B-SS-1800	Traction Power - TPS13 - TPS SAT	6d	10-Aug-23	17-Aug-23	246d
DP-2B-SS-2240	Traction Power - TPS13 - Earth Grid SAT	3d	15-Aug-23	17-Aug-23	295d
DP-2B-SS-1820	Traction Power - TPS13 - 750VDC (+ve) (2no.) - SAT	3d	08-Sep-23	11-Sep-23	255d
DP-2B-SS-1840	Traction Power - TPS13 - 750VDC (-ve) (4no.) - SAT	3d	08-Sep-23	11-Sep-23	255d
DP-2B-ST-2200	Traction Power - TPS13 - Stray Current - SAT (Pit)	3d	15-Sep-23	19-Sep-23	250d
DP-2B-SS-1660	Traction Power - TPS13 - Precommission Testing by Energex	8d	21-Oct-23	01-Nov-23	73d
Energex 415V Metered Supply SAT		1d	03-Feb-23	03-Feb-23	181d
DP-2B-SS-2160	Traction Power - TPS13 - Energex 415 Metered Supply SAT	1d	03-Feb-23	03-Feb-23	181d
TPIS Energisation		4d	02-Nov-23	10-Nov-23	73d
DP-2B-SS-2120	Traction Power - TPS13 - Energex TPIS Energisation	4d	02-Nov-23	10-Nov-23	73d
Energisation from TPIS to 750VDC		3d	24-Sep-24	26-Sep-24	25d
DP-2B-SS-2140	Traction Power - TPS13 - Energisation from TPIS to 750VDC Switchboard	3d	24-Sep-24	26-Sep-24	25d
Energisation with OLE		2d	08-Nov-24	09-Nov-24	0d
DP-2B-SS-2020	Traction Power - TPS13 - Energisation with OLE	2d	08-Nov-24	09-Nov-24	0d
Zone i78 Intersection - Med Term Closure - Christine & Sixth Ave (Ch 38,175 - 38,235) - 60m		502d	12-Sep-22	30-Sep-24	121d
Public Utilities Plant Works		139d	12-Sep-22	12-Apr-23	339d
DP-I78-MS-1000	PUP Works - Zone i78 - Conduits and Pipes Complete - Civil work to Commence	0d		09-Mar-23	332d
CoGC - Water		23d	12-Sep-22	14-Oct-22	264d
Water Scope		23d	12-Sep-22	14-Oct-22	264d
DP-I78-WT-1020	PUP Works - Zone i78 - (WA-200-134)	2d	12-Sep-22	13-Sep-22	285d
DP-I78-WT-1010	PUP Works - Zone i78 - (WA-200-132)	14d	23-Sep-22	14-Oct-22	2d
Energex		111d	21-Oct-22	12-Apr-23	339d



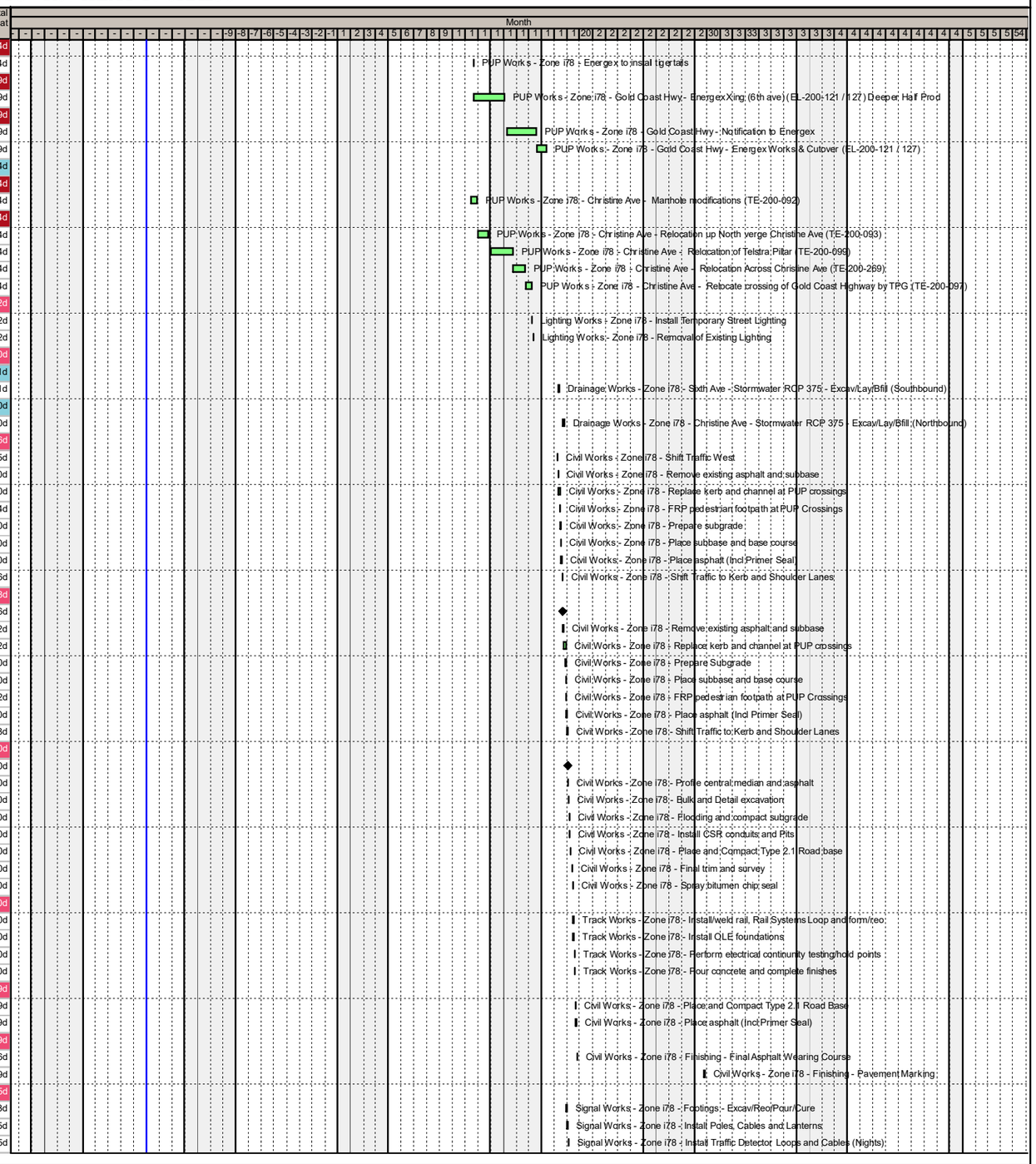
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Pre-Works		1d	21-Oct-22	21-Oct-22	384d
DP-I78-EG-1240	PUP Works - Zone i78 - Energex to install tigertails	1d	21-Oct-22	21-Oct-22	384d
Conduits & Pits		36d	21-Oct-22	03-Jan-23	79d
DP-I78-EG-1000	PUP Works - Zone i78 - Gold Coast Hwy - Energex Xing (6th ave) (EL-200-121 / 127) Deeper Half Prod	36d	21-Oct-22	03-Jan-23	79d
Energex Works		65d	09-Jan-23	12-Apr-23	339d
DP-I78-EG-2000	PUP Works - Zone i78 - Gold Coast Hwy - Notification to Energex	50d	09-Jan-23	20-Mar-23	339d
DP-I78-EG-2010	PUP Works - Zone i78 - Gold Coast Hwy - Energex Works & Cutover (EL-200-121 / 127)	15d	21-Mar-23	12-Apr-23	339d
Telstra		81d	15-Oct-22	09-Mar-23	264d
Trench (D&C Contractor)		11d	15-Oct-22	29-Oct-22	264d
DP-I78-TLS-1520	PUP Works - Zone i78 - Christine Ave - Manhole modifications (TE-200-092)	11d	15-Oct-22	29-Oct-22	264d
Relocate Conduits & Cable Pull		70d	31-Oct-22	09-Mar-23	264d
DP-I78-TLS-1460	PUP Works - Zone i78 - Christine Ave - Relocation up North verge Christine Ave (TE-200-093)	18d	31-Oct-22	25-Nov-22	264d
DP-I78-TLS-1480	PUP Works - Zone i78 - Christine Ave - Relocation of Telstra Pillar (TE-200-099)	23d	01-Dec-22	23-Jan-23	264d
DP-I78-TLS-1500	PUP Works - Zone i78 - Christine Ave - Relocation Across Christine Ave (TE-200-269)	18d	24-Jan-23	20-Feb-23	264d
DP-I78-TLS-1540	PUP Works - Zone i78 - Christine Ave - Relocate crossing of Gold Coast Highway by TPG (TE-200-097)	11d	23-Feb-23	09-Mar-23	264d
Street Lighting Relocations		2d	10-Mar-23	13-Mar-23	332d
DP-I78-Stl-1000	Lighting Works - Zone i78 - Install Temporary Street Lighting	1d	10-Mar-23	10-Mar-23	332d
DP-I78-Stl-1020	Lighting Works - Zone i78 - Removal of Existing Lighting	1d	13-Mar-23	13-Mar-23	332d
Stormwater Drainage		13d	11-May-23	26-May-23	270d
Southbound		3d	11-May-23	13-May-23	271d
DP-I78-DR-1420	Drainage Works - Zone i78 - Sixth Ave - Stormwater RCP 375 - Excav/Lay/Bfill (Southbound)	3d	11-May-23	13-May-23	271d
Northbound		3d	23-May-23	26-May-23	270d
DP-I78-DR-1440	Drainage Works - Zone i78 - Christine Ave - Stormwater RCP 375 - Excav/Lay/Bfill (Northbound)	3d	23-May-23	26-May-23	270d
Civil Works - Finishing Kerbs and Southbound Lanes		9d	10-May-23	22-May-23	296d
DP-I78-CW-1520	Civil Works - Zone i78 - Shift Traffic West	1d	10-May-23	10-May-23	295d
DP-I78-CW-1720	Civil Works - Zone i78 - Remove existing asphalt and subbase	1d	11-May-23	11-May-23	270d
DP-I78-CW-1480	Civil Works - Zone i78 - Replace kerb and channel at PUP crossings	3d	12-May-23	15-May-23	270d
DP-I78-CW-1740	Civil Works - Zone i78 - FRP pedestrian footpath at PUP Crossings	1d	16-May-23	16-May-23	274d
DP-I78-CW-2120	Civil Works - Zone i78 - Prepare subgrade	2d	16-May-23	17-May-23	270d
DP-I78-CW-1620	Civil Works - Zone i78 - Place subbase and base course	1d	18-May-23	18-May-23	270d
DP-I78-CW-1420	Civil Works - Zone i78 - Place asphalt (Incl Primer Seal)	2d	19-May-23	20-May-23	270d
DP-I78-CW-1500	Civil Works - Zone i78 - Shift Traffic to Kerb and Shoulder Lanes	1d	22-May-23	22-May-23	296d
Civil Works - Finishing Kerbs and Northbound Lanes		9d	22-May-23	02-Jun-23	298d
DP-I78-CW-1800	Civil Works - Zone i78 - Shift Traffic East	0d		22-May-23	296d
DP-I78-CW-1820	Civil Works - Zone i78 - Remove existing asphalt and subbase	1d	23-May-23	23-May-23	272d
DP-I78-CW-2140	Civil Works - Zone i78 - Replace kerb and channel at PUP crossings	3d	25-May-23	29-May-23	272d
DP-I78-CW-1840	Civil Works - Zone i78 - Prepare Subgrade	1d	29-May-23	29-May-23	270d
DP-I78-CW-1880	Civil Works - Zone i78 - Place subbase and base course	1d	30-May-23	30-May-23	270d
DP-I78-CW-2160	Civil Works - Zone i78 - FRP pedestrian footpath at PUP Crossings	1d	30-May-23	30-May-23	272d
DP-I78-CW-1760	Civil Works - Zone i78 - Place asphalt (Incl Primer Seal)	2d	31-May-23	01-Jun-23	270d
DP-I78-CW-1780	Civil Works - Zone i78 - Shift Traffic to Kerb and Shoulder Lanes	1d	02-Jun-23	02-Jun-23	298d
Civil Works - Rail Corridor		8d	02-Jun-23	15-Jun-23	270d
DP-I78-CW-1000	Civil Works - Zone i78 - Shift Traffic to Kerb and Shoulder Lanes	0d		02-Jun-23	270d
DP-I78-CW-2100	Civil Works - Zone i78 - Profile central median and asphalt	1d	03-Jun-23	03-Jun-23	270d
DP-I78-CW-1100	Civil Works - Zone i78 - Bulk and Detail excavation	2d	05-Jun-23	06-Jun-23	270d
DP-I78-CW-1120	Civil Works - Zone i78 - Flooding and compact subgrade	1d	07-Jun-23	07-Jun-23	270d
DP-I78-CW-1140	Civil Works - Zone i78 - Install CSR conduits and Pits	1d	08-Jun-23	08-Jun-23	270d
DP-I78-CW-1160	Civil Works - Zone i78 - Place and Compact Type 2.1 Road base	1d	09-Jun-23	09-Jun-23	270d
DP-I78-CW-1360	Civil Works - Zone i78 - Final trim and survey	1d	13-Jun-23	13-Jun-23	270d
DP-I78-CW-1180	Civil Works - Zone i78 - Spray bitumen chip seal	1d	15-Jun-23	15-Jun-23	270d
Civil Works - Track		4d	16-Jun-23	20-Jun-23	270d
DP-I78-TW-1000	Track Works - Zone i78 - Install/weld rail, Rail Systems Loop and form/reo	2d	16-Jun-23	17-Jun-23	270d
DP-I78-TW-1020	Track Works - Zone i78 - Install OLE foundations	2d	16-Jun-23	17-Jun-23	270d
DP-I78-TW-1040	Track Works - Zone i78 - Perform electrical continuity testing/hold points	1d	19-Jun-23	19-Jun-23	270d
DP-I78-TW-1080	Track Works - Zone i78 - Pour concrete and complete finishes	1d	20-Jun-23	20-Jun-23	270d
Civil Works - Reinstate Track Verge		3d	21-Jun-23	23-Jun-23	309d
DP-I78-CW-1200	Civil Works - Zone i78 - Place and Compact Type 2.1 Road Base	1d	21-Jun-23	21-Jun-23	309d
DP-I78-CW-1700	Civil Works - Zone i78 - Place asphalt (Incl Primer Seal)	2d	22-Jun-23	23-Jun-23	309d
Civil Works - Finishing		180d	26-Jun-23	26-Apr-24	209d
DP-I78-CW-5020	Civil Works - Zone i78 - Finishing - Final Asphalt Wearing Course	1d	26-Jun-23	26-Jun-23	386d
DP-I78-CW-5040	Civil Works - Zone i78 - Finishing - Pavement Marking	2d	24-Apr-24	26-Apr-24	209d
Traffic Control Systems (TCS)		9d	30-May-23	08-Jun-23	305d
DP-I78-TCS-1040	Signal Works - Zone i78 - Footings - Excav/Reo/Pour/Cure	3d	30-May-23	01-Jun-23	283d
DP-I78-TCS-1060	Signal Works - Zone i78 - Install Poles, Cables and Lanterns	2d	02-Jun-23	03-Jun-23	305d
DP-I78-TCS-1080	Signal Works - Zone i78 - Install Traffic Detector Loops and Cables (Nights)	2d	05-Jun-23	06-Jun-23	305d



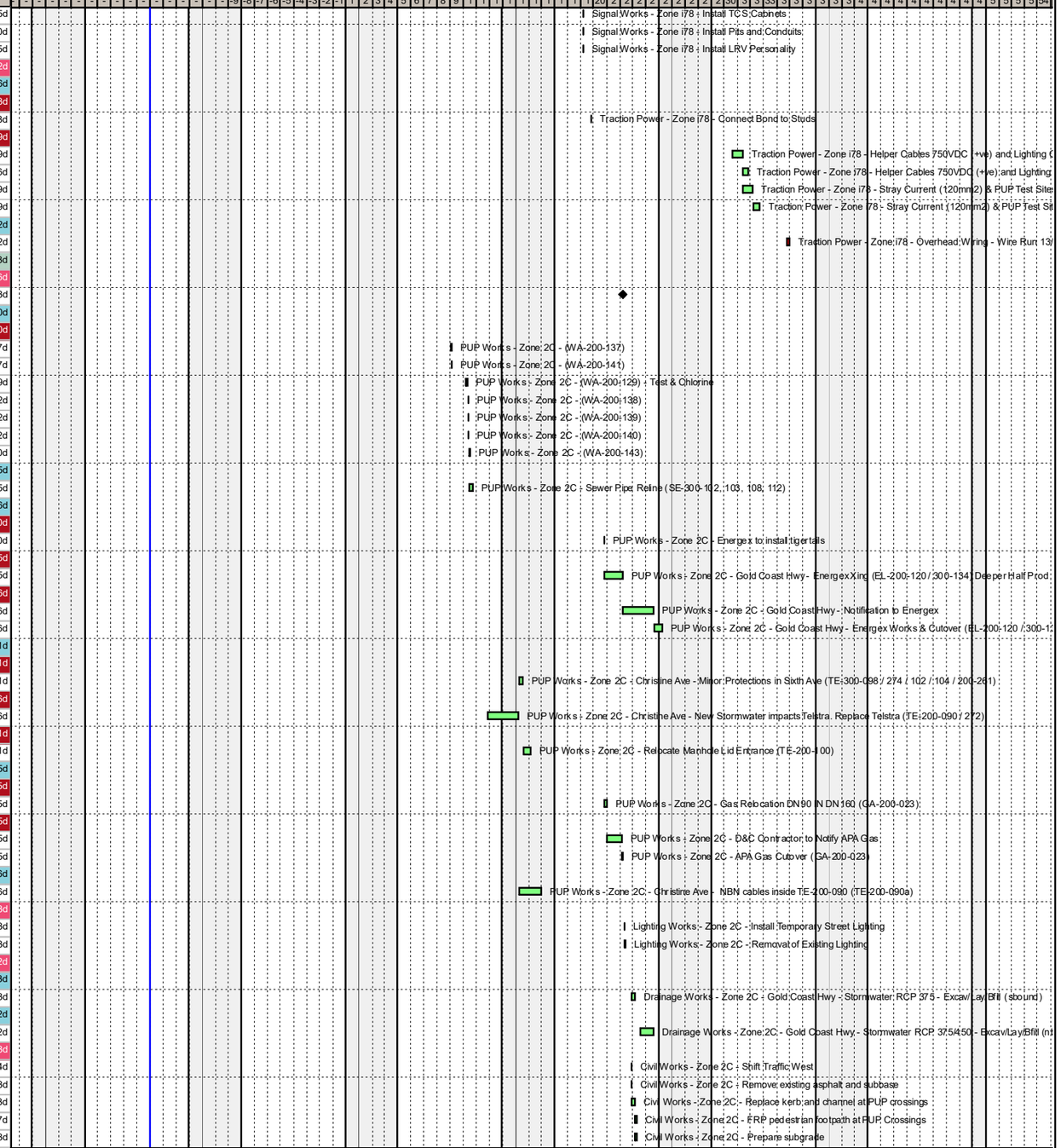
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I78-TCS-1100	Signal Works - Zone i78 - Install TCS Cabinets	1d	07-Jun-23	07-Jun-23	305d
DP-I78-TCS-1000	Signal Works - Zone i78 - Install Pits and Conduits	1d	08-Jun-23	08-Jun-23	270d
DP-I78-TCS-1120	Signal Works - Zone i78 - Install LRV Personality	1d	08-Jun-23	08-Jun-23	305d
Traction Power & Overhead Line		286d	26-Jun-23	30-Sep-24	42d
CSR Cabling		238d	26-Jun-23	22-Jul-24	86d
Track-to-Track		1d	26-Jun-23	26-Jun-23	323d
DP-I78-BC-1000	Traction Power - Zone i78 - Connect Bond to Studs	1d	26-Jun-23	26-Jun-23	323d
Pit-to-Pit		44d	21-May-24	22-Jul-24	69d
DP-I78-HC-1020	Traction Power - Zone i78 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	69d
DP-I78-HC-1040	Traction Power - Zone i78 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	14-Jun-24	26-Jun-24	86d
DP-I78-ST-1000	Traction Power - Zone i78 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	69d
DP-I78-ST-1020	Traction Power - Zone i78 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	11d	08-Jul-24	22-Jul-24	69d
Overhead Line		4d	25-Sep-24	30-Sep-24	42d
DP-I78-OH-1040	Traction Power - Zone i78 - Overhead Wiring - Wire Run 13/14 & QA	4d	25-Sep-24	30-Sep-24	42d
Zone 2C (Ch 38,235 - 38,405) - 170m		544d	03-Aug-22	22-Oct-24	153d
Public Utilities Plant Works		334d	03-Aug-22	08-Dec-23	176d
DP-2C-MS-1000	PUP Works - Zone 2C - Conduits and Pipes Complete - Civil work to Commence	0d		08-Sep-23	83d
CoGC - Water		30d	03-Aug-22	16-Sep-22	290d
Water Scope		30d	03-Aug-22	16-Sep-22	290d
DP-2C-WT-1040	PUP Works - Zone 2C - (WA-200-137)	2d	03-Aug-22	04-Aug-22	317d
DP-2C-WT-1120	PUP Works - Zone 2C - (WA-200-141)	1d	05-Aug-22	05-Aug-22	317d
DP-2C-WT-1010	PUP Works - Zone 2C - (WA-200-129) - Test & Chlorine	5d	06-Sep-22	10-Sep-22	199d
DP-2C-WT-1090	PUP Works - Zone 2C - (WA-200-138)	2d	12-Sep-22	13-Sep-22	292d
DP-2C-WT-1100	PUP Works - Zone 2C - (WA-200-139)	2d	12-Sep-22	13-Sep-22	292d
DP-2C-WT-1110	PUP Works - Zone 2C - (WA-200-140)	2d	12-Sep-22	13-Sep-22	292d
DP-2C-WT-1130	PUP Works - Zone 2C - (WA-200-143)	2d	15-Sep-22	16-Sep-22	290d
CoGC - Sewer		8d	15-Sep-22	23-Sep-22	255d
DP-2C-SW-1000	PUP Works - Zone 2C - Sewer Pipe Reline (SE-300-102, 103, 108, 112)	8d	15-Sep-22	23-Sep-22	255d
Energex		95d	27-Jul-23	08-Dec-23	176d
Pre-Works		1d	27-Jul-23	27-Jul-23	80d
DP-2C-EG-1260	PUP Works - Zone 2C - Energex to install tigertails	1d	27-Jul-23	27-Jul-23	80d
Conduits & Pits		28d	27-Jul-23	07-Sep-23	75d
DP-2C-EG-1000	PUP Works - Zone 2C - Gold Coast Hwy - EnergexXing (EL-200-120 / 300-134) Deeper Half Prod	28d	27-Jul-23	07-Sep-23	75d
Energex Works		65d	08-Sep-23	08-Dec-23	176d
DP-2C-EG-2000	PUP Works - Zone 2C - Gold Coast Hwy - Notification to Energex	50d	08-Sep-23	17-Nov-23	176d
DP-2C-EG-2010	PUP Works - Zone 2C - Gold Coast Hwy - Energex Works & Cutover (EL-200-120 / 300-134)	15d	20-Nov-23	08-Dec-23	176d
Telstra		52d	27-Oct-22	04-Feb-23	211d
Trench (D&C Contractor)		5d	09-Jan-23	17-Jan-23	211d
DP-2C-TLS-1460	PUP Works - Zone 2C - Christine Ave - Minor Protections in Sixth Ave (TE-300-098 / 274 / 102 / 104 / 200-261)	5d	09-Jan-23	17-Jan-23	211d
Relocate Conduits & Cable Pull		35d	27-Oct-22	06-Jan-23	196d
DP-2C-TLS-1420	PUP Works - Zone 2C - Christine Ave - New Stormwater impacts Telstra. Replace Telstra (TE-200-090 / 272)	35d	27-Oct-22	06-Jan-23	196d
Modification of Telstra Manhole		12d	19-Jan-23	04-Feb-23	211d
DP-2C-TLS-1480	PUP Works - Zone 2C - Relocate Manhole Lid Entrance (TE-200-100)	12d	19-Jan-23	04-Feb-23	211d
APA Gas		29d	27-Jul-23	08-Sep-23	75d
Protect / Relocate		5d	27-Jul-23	01-Aug-23	75d
DP-2C-GA-1020	PUP Works - Zone 2C - Gas Relocation DN90 IN DN160 (GA-200-023)	5d	27-Jul-23	01-Aug-23	75d
Cutover		24d	02-Aug-23	08-Sep-23	75d
DP-2C-GA-1180	PUP Works - Zone 2C - D&C Contractor to Notify APA Gas	21d	02-Aug-23	05-Sep-23	75d
DP-2C-GA-1200	PUP Works - Zone 2C - APA Gas Cutover (GA-200-023)	3d	06-Sep-23	08-Sep-23	75d
NBN		32d	09-Jan-23	28-Feb-23	196d
DP-2C-NB-1440	PUP Works - Zone 2C - Christine Ave - NBN cables inside TE-200-090 (TE-200-090a)	32d	09-Jan-23	28-Feb-23	196d
Street Lighting Relocations		3d	11-Sep-23	13-Sep-23	83d
DP-2C-Stl-1000	Lighting Works - Zone 2C - Install Temporary Street Lighting	1d	11-Sep-23	11-Sep-23	83d
DP-2C-Stl-1020	Lighting Works - Zone 2C - Removal of Existing Lighting	2d	12-Sep-23	13-Sep-23	83d
Stormwater Drainage		32d	28-Sep-23	17-Nov-23	62d
Southbound		4d	28-Sep-23	05-Oct-23	63d
DP-2C-DR-1460	Drainage Works - Zone 2C - Gold Coast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (sbound)	4d	28-Sep-23	05-Oct-23	63d
Northbound		19d	19-Oct-23	17-Nov-23	62d
DP-2C-DR-1480	Drainage Works - Zone 2C - Gold Coast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (nbound)	19d	19-Oct-23	17-Nov-23	62d
Civil Works - Finishing Kerbs and Southbound Lanes		15d	27-Sep-23	18-Oct-23	73d
DP-2C-CW-1520	Civil Works - Zone 2C - Shift Traffic West	1d	27-Sep-23	27-Sep-23	74d
DP-2C-CW-1720	Civil Works - Zone 2C - Remove existing asphalt and subbase	1d	28-Sep-23	28-Sep-23	63d
DP-2C-CW-1480	Civil Works - Zone 2C - Replace kerb and channel at PUP crossings	3d	29-Sep-23	05-Oct-23	63d
DP-2C-CW-1740	Civil Works - Zone 2C - FRP pedestrian footpath at PUP Crossings	3d	06-Oct-23	09-Oct-23	67d
DP-2C-CW-2120	Civil Works - Zone 2C - Prepare subgrade	3d	06-Oct-23	09-Oct-23	63d



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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2C-CW-1620	Civil Works - Zone 2C - Place subbase and base course	1d	10-Oct-23	10-Oct-23	75d
DP-2C-CW-1420	Civil Works - Zone 2C - Place asphalt (Incl Prime and Seal)	4d	12-Oct-23	17-Oct-23	62d
DP-2C-CW-1500	Civil Works - Zone 2C - Shift Traffic to Kerb and Shoulder Lanes	1d	18-Oct-23	18-Oct-23	73d
Civil Works - Finishing Kerbs and Northbound Lanes		35d	18-Oct-23	06-Dec-23	79d
DP-2C-CW-1800	Civil Works - Zone 2C - Shift Traffic East	0d		18-Oct-23	73d
DP-2C-CW-1820	Civil Works - Zone 2C - Remove existing asphalt and subbase	1d	19-Oct-23	19-Oct-23	80d
DP-2C-CW-1840	Civil Works - Zone 2C - Prepare subgrade	2d	18-Nov-23	20-Nov-23	62d
DP-2C-CW-1860	Civil Works - Zone 2C - Replace kerb and channel at PUP crossings	3d	23-Nov-23	29-Nov-23	62d
DP-2C-CW-1880	Civil Works - Zone 2C - Place subbase and base course	1d	30-Nov-23	30-Nov-23	73d
DP-2C-CW-174	Civil Works - Zone 2C - FRP pedestrian footpath at PUP Crossings	3d	30-Nov-23	02-Dec-23	63d
DP-2C-CW-1760	Civil Works - Zone 2C - Place asphalt (Incl Prime and Seal)	4d	01-Dec-23	05-Dec-23	61d
DP-2C-CW-1780	Civil Works - Zone 2C - Shift Traffic to Kerb and Shoulder Lanes	1d	06-Dec-23	06-Dec-23	79d
Civil Works - Rail Corridor		17d	07-Dec-23	15-Jan-24	63d
DP-2C-CW-1000	Civil Works - Zone 2C - Shift Traffic to Kerb and Shoulder Lanes	0d		07-Dec-23	63d
DP-2C-CW-2010	Civil Works - Zone 2C - Profile central median and asphalt	1d	07-Dec-23	07-Dec-23	63d
DP-2C-CW-1100	Civil Works - Zone 2C - Bulk and Detail excavation	5d	08-Dec-23	14-Dec-23	63d
DP-2C-CW-1120	Civil Works - Zone 2C - Flooding and compact subgrade	3d	15-Dec-23	03-Jan-24	63d
DP-2C-CW-1140	Civil Works - Zone 2C - Install CSR conduits and Pits	2d	04-Jan-24	05-Jan-24	63d
DP-2C-CW-1160	Civil Works - Zone 2C - Place and Compact Type 2.1 Road base	2d	08-Jan-24	09-Jan-24	63d
DP-2C-CW-1360	Civil Works - Zone 2C - Final trim and survey	3d	11-Jan-24	13-Jan-24	63d
DP-2C-CW-1180	Civil Works - Zone 2C - Spray bitumen chip seal	1d	15-Jan-24	15-Jan-24	63d
Civil Works - Track		12d	16-Jan-24	08-Feb-24	63d
DP-2C-TW-1000	Track Works - Zone 2C - Install/weld rail, Rail Systems Loop and form/reo	5d	16-Jan-24	25-Jan-24	63d
DP-2C-TW-1020	Track Works - Zone 2C - Install OLE foundations	5d	16-Jan-24	25-Jan-24	63d
DP-2C-TW-1040	Track Works - Zone 2C - Perform electrical continunity testing/hold points	2d	29-Jan-24	30-Jan-24	63d
DP-2C-TW-1080	Track Works - Zone 2C - Pour concrete, strip formwork and install lids	5d	01-Feb-24	08-Feb-24	63d
Civil Works - Reinstate Track Verge		10d	09-Feb-24	24-Feb-24	63d
DP-2C-CW-2180	Civil Works - Zone 2C - FRP Kerb Track Side	3d	09-Feb-24	12-Feb-24	63d
DP-2C-CW-1200	Civil Works - Zone 2C - Place and Compact Type 2.1 Road Base	2d	13-Feb-24	14-Feb-24	63d
DP-2C-CW-1700	Civil Works - Zone 2C - Place asphalt (Incl Prime and Seal)	5d	15-Feb-24	24-Feb-24	63d
Civil Works - System Fitout		2d	26-Feb-24	27-Feb-24	131d
DP-2C-CW-1640	Civil Works - Zone 2C - Shift traffic to permanent alignment (nightworks)	1d	26-Feb-24	26-Feb-24	85d
DP-2C-CW-1660	Civil Works - Zone 2C - Erect Overhead Wire Poles with Lighting	1d	27-Feb-24	27-Feb-24	118d
Civil Works - Finishing		72d	26-Feb-24	24-Jun-24	210d
DP-2C-CW-5000	Civil Works - Zone 2C - Finishing - FRP Blister Islands	4d	26-Feb-24	01-Mar-24	257d
DP-2C-CW-5060	Civil Works - Zone 2C - Finishing - Landscaping	11d	26-Feb-24	13-Mar-24	271d
DP-2C-CW-5020	Civil Works - Zone 2C - Finishing - Final Asphalt Wearing Course	1d	04-Mar-24	04-Mar-24	257d
DP-2C-CW-5040	Civil Works - Zone 2C - Finishing - Pavement Marking	2d	22-Jun-24	24-Jun-24	192d
Traction Power & Overhead Line		152d	29-Feb-24	22-Oct-24	8d
CSR Cabling		152d	29-Feb-24	22-Oct-24	8d
Structure-to-Track		1d	29-Feb-24	29-Feb-24	138d
DP-2C-BC-1500	Traction Power - Zone 2C - Bond and Test Structure to Rail	1d	29-Feb-24	29-Feb-24	138d
Track-to-Track		1d	29-Feb-24	29-Feb-24	138d
DP-2C-BC-1000	Traction Power - Zone 2C - Connect Bond to Studs	1d	29-Feb-24	29-Feb-24	138d
Pit-to-Pit		44d	21-May-24	22-Jul-24	69d
DP-2C-HC-1020	Traction Power - Zone 2C - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	69d
DP-2C-HC-1500	Traction Power - Zone 2C - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	14-Jun-24	26-Jun-24	86d
DP-2C-ST-1000	Traction Power - Zone 2C - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	69d
DP-2C-ST-1020	Traction Power - Zone 2C - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	11d	08-Jul-24	22-Jul-24	69d
Pit-to-OLE		17d	27-Sep-24	22-Oct-24	8d
DP-2C-HC-1520	Traction Power - Zone 2C - WR15/16 - Pull Helper Cables & Bonding from Pit to OHL	11d	27-Sep-24	14-Oct-24	8d
DP-2C-HC-1540	Traction Power - Zone 2C - WR15/16 - Helper Cable & Bonding - Test & Terminate	2d	15-Oct-24	17-Oct-24	10d
DP-2C-HC-1230	Traction Power - Zone 2C - WR13/14 - Pull Helper Cables & Bonding from Pit to OHL	4d	15-Oct-24	19-Oct-24	8d
DP-2C-HC-1460	Traction Power - Zone 2C - WR13/14 - Helper Cable & Bonding - Test & Terminate	2d	21-Oct-24	22-Oct-24	8d
Overhead Line		27d	22-Aug-24	30-Sep-24	17d
DP-2C-OH-1020	Traction Power - Zone 2C - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	11d	22-Aug-24	07-Sep-24	18d
DP-2C-OH-1100	Traction Power - Zone 2C - Overhead Wiring - Wire Run 15/16 & QA	4d	20-Sep-24	24-Sep-24	10d
DP-2C-OH-1040	Traction Power - Zone 2C - Overhead Wiring - Wire Run 13/14 & QA	4d	25-Sep-24	30-Sep-24	17d
Zone i79 Intersection - Staged Closure - Gardena Grv/Fifth Ave&Anzac Pde (Ch 38,405-38,510) - 105m		498d	12-Sep-22	24-Sep-24	155d
Public Utilities Plant Works		277d	12-Sep-22	27-Oct-23	147d
DP-i79-MS-1000	PUP Works - Zone i79 - Conduits and Pipes Complete - Civil work to Commence	0d		27-Oct-23	147d
CoGC - Water		32d	12-Sep-22	27-Oct-22	174d
Water Scope		32d	12-Sep-22	27-Oct-22	174d
DP-i79-WT-1160	PUP Works - Zone i79 - (WA-300-226)	2d	12-Sep-22	13-Sep-22	202d
DP-i79-WT-1170	PUP Works - Zone i79 - (WA-300-227)	2d	15-Oct-22	17-Oct-22	137d



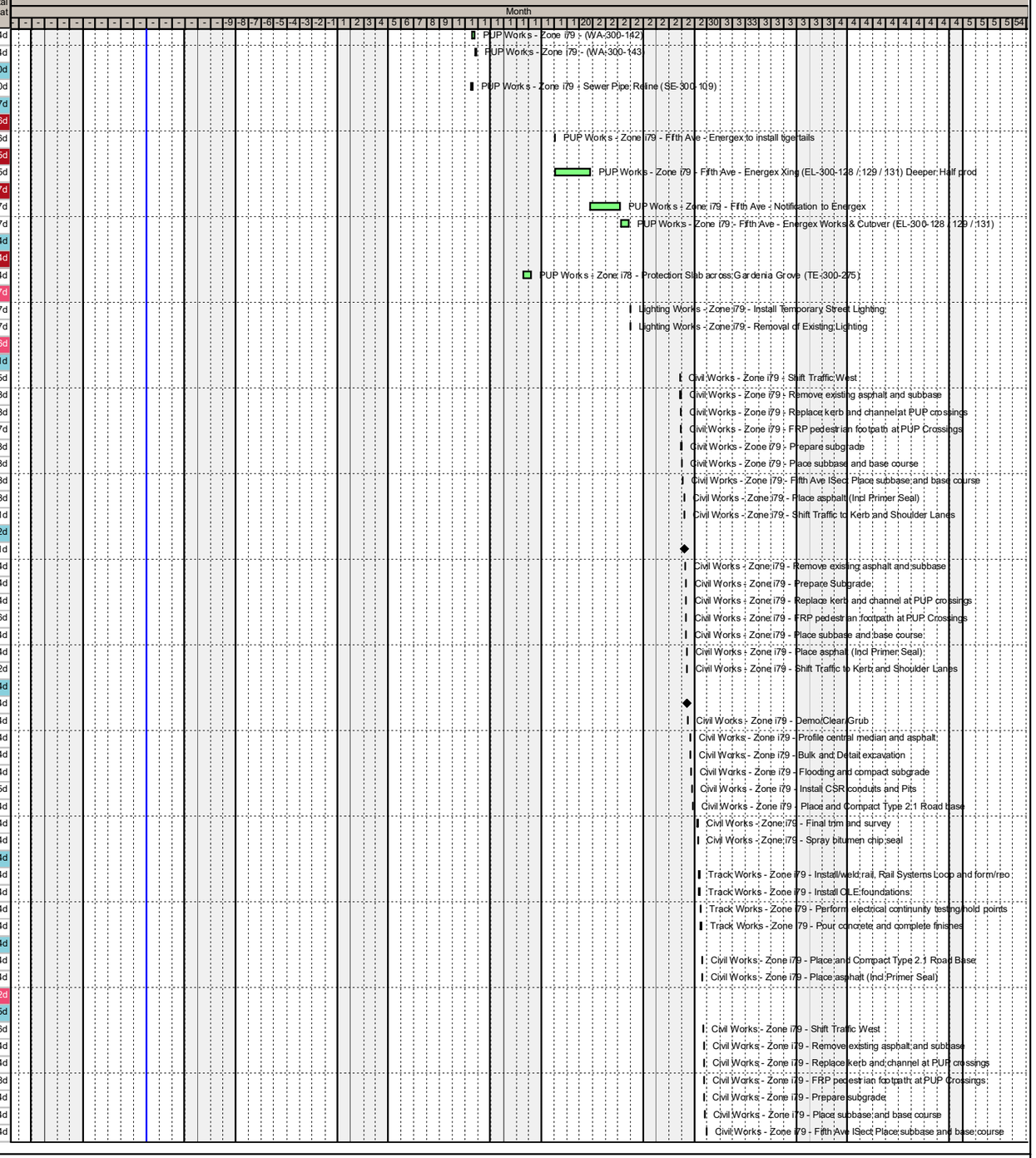
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I79-WT-1140	PUP Works - Zone i79 - (WA-300-142)	5d	18-Oct-22	24-Oct-22	174d
DP-I79-WT-1150	PUP Works - Zone i79 - (WA-300-143)	2d	25-Oct-22	27-Oct-22	174d
CoGC - Sewer		3d	15-Oct-22	18-Oct-22	180d
DP-I79-SW-1000	PUP Works - Zone i79 - Sewer Pipe Reline (SE-300-109)	3d	15-Oct-22	18-Oct-22	180d
Energex		125d	04-May-23	27-Oct-23	147d
Pre-Works		1d	04-May-23	04-May-23	206d
DP-I79-EG-1320	PUP Works - Zone i79 - Fifth Ave - Energex to install tigertails	1d	04-May-23	04-May-23	206d
Conduits & Pits		59d	04-May-23	26-Jul-23	75d
DP-I79-EG-1000	PUP Works - Zone i79 - Fifth Ave - Energex Xing (EL-300-128 / 129 / 131) Deeper Half prod	59d	04-May-23	26-Jul-23	75d
Energex Works		65d	27-Jul-23	27-Oct-23	147d
DP-I79-EG-2000	PUP Works - Zone i79 - Fifth Ave - Notification to Energex	50d	27-Jul-23	06-Oct-23	147d
DP-I79-EG-2010	PUP Works - Zone i79 - Fifth Ave - Energex Works & Cutover (EL-300-128 / 129 / 131)	15d	09-Oct-23	27-Oct-23	147d
Telstra		11d	18-Feb-23	07-Mar-23	274d
Trench (D&C Contractor)		11d	18-Feb-23	07-Mar-23	274d
DP-I79-TLS-1000	PUP Works - Zone i78 - Protection Slab across Gardenia Grove (TE-300-275)	11d	18-Feb-23	07-Mar-23	274d
Street Lighting Relocations		2d	30-Oct-23	31-Oct-23	147d
DP-I79-Stl-1000	Lighting Works - Zone i79 - Install Temporary Street Lighting	1d	30-Oct-23	30-Oct-23	147d
DP-I79-Stl-1020	Lighting Works - Zone i79 - Removal of Existing Lighting	1d	31-Oct-23	31-Oct-23	147d
Stage 1		38d	26-Feb-24	20-Apr-24	66d
Civil Works - Finishing Kerbs and Southbound Lanes		10d	26-Feb-24	08-Mar-24	71d
DP-I79-CW-1520	Civil Works - Zone i79 - Shift Traffic West	1d	26-Feb-24	26-Feb-24	75d
DP-I79-CW-1720	Civil Works - Zone i79 - Remove existing asphalt and subbase	1d	27-Feb-24	27-Feb-24	63d
DP-I79-CW-1480	Civil Works - Zone i79 - Replace kerb and channel at PUP crossings	0d	29-Feb-24	29-Feb-24	63d
DP-I79-CW-1740	Civil Works - Zone i79 - FRP pedestrian footpath at PUP Crossings	0d	29-Feb-24	29-Feb-24	67d
DP-I79-CW-2120	Civil Works - Zone i79 - Prepare subgrade	1d	29-Feb-24	29-Feb-24	63d
DP-I79-CW-1620	Civil Works - Zone i79 - Place subbase and base course	1d	01-Mar-24	01-Mar-24	63d
DP-I79-CW-2140	Civil Works - Zone i79 - Fifth Ave ISect Place subbase and base course	1d	04-Mar-24	04-Mar-24	63d
DP-I79-CW-1420	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	07-Mar-24	07-Mar-24	63d
DP-I79-CW-1500	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	1d	08-Mar-24	08-Mar-24	71d
Civil Works - Finishing Kerbs and Northbound Lanes		4d	08-Mar-24	14-Mar-24	72d
DP-I79-CW-1800	Civil Works - Zone i79 - Shift Traffic East	0d		08-Mar-24	71d
DP-I79-CW-1820	Civil Works - Zone i79 - Remove existing asphalt and subbase	1d	09-Mar-24	09-Mar-24	64d
DP-I79-CW-1840	Civil Works - Zone i79 - Prepare Subgrade	1d	11-Mar-24	11-Mar-24	64d
DP-I79-CW-2160	Civil Works - Zone i79 - Replace kerb and channel at PUP crossings	0d	12-Mar-24	12-Mar-24	64d
DP-I79-CW-2180	Civil Works - Zone i79 - FRP pedestrian footpath at PUP Crossings	0d	12-Mar-24	12-Mar-24	66d
DP-I79-CW-1880	Civil Works - Zone i79 - Place subbase and base course	1d	12-Mar-24	12-Mar-24	64d
DP-I79-CW-1760	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	13-Mar-24	13-Mar-24	64d
DP-I79-CW-1780	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	1d	14-Mar-24	14-Mar-24	72d
Civil Works - Rail Corridor		9d	14-Mar-24	09-Apr-24	64d
DP-I79-CW-1000	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	0d		14-Mar-24	64d
DP-I79-CW-1040	Civil Works - Zone i79 - Demo/Clear/Grub	1d	15-Mar-24	15-Mar-24	64d
DP-I79-CW-2100	Civil Works - Zone i79 - Profile central median and asphalt	1d	21-Mar-24	21-Mar-24	64d
DP-I79-CW-1100	Civil Works - Zone i79 - Bulk and Detail excavation	1d	22-Mar-24	22-Mar-24	64d
DP-I79-CW-1120	Civil Works - Zone i79 - Flooding and compact subgrade	1d	23-Mar-24	23-Mar-24	64d
DP-I79-CW-1140	Civil Works - Zone i79 - Install CSR conduits and Pits	1d	25-Mar-24	25-Mar-24	65d
DP-I79-CW-1160	Civil Works - Zone i79 - Place and Compact Type 2.1 Road base	1d	28-Mar-24	28-Mar-24	64d
DP-I79-CW-1360	Civil Works - Zone i79 - Final trim and survey	1d	08-Apr-24	08-Apr-24	64d
DP-I79-CW-1180	Civil Works - Zone i79 - Spray bitumen chip seal	1d	09-Apr-24	09-Apr-24	64d
Civil Works - Track		6d	11-Apr-24	18-Apr-24	64d
DP-I79-TW-1000	Track Works - Zone i79 - Install/weld rail, Rail Systems Loop and form/reo	3d	11-Apr-24	13-Apr-24	64d
DP-I79-TW-1020	Track Works - Zone i79 - Install OLE foundations	3d	11-Apr-24	13-Apr-24	64d
DP-I79-TW-1040	Track Works - Zone i79 - Perform electrical continunity testing/hold points	1d	15-Apr-24	15-Apr-24	64d
DP-I79-TW-1080	Track Works - Zone i79 - Pour concrete and complete finishes	2d	16-Apr-24	18-Apr-24	64d
Civil Works - Reinstate Track Verge		2d	19-Apr-24	20-Apr-24	64d
DP-I79-CW-1200	Civil Works - Zone i79 - Place and Compact Type 2.1 Road Base	1d	19-Apr-24	19-Apr-24	64d
DP-I79-CW-1700	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	20-Apr-24	20-Apr-24	64d
Stage 2		30d	22-Apr-24	04-Jun-24	92d
Civil Works - Finishing Kerbs and Southbound Lanes		7d	22-Apr-24	01-May-24	65d
DP-I79-CW-5300	Civil Works - Zone i79 - Shift Traffic West	1d	22-Apr-24	22-Apr-24	66d
DP-I79-CW-5360	Civil Works - Zone i79 - Remove existing asphalt and subbase	1d	23-Apr-24	23-Apr-24	64d
DP-I79-CW-5260	Civil Works - Zone i79 - Replace kerb and channel at PUP crossings	0d	24-Apr-24	24-Apr-24	64d
DP-I79-CW-5380	Civil Works - Zone i79 - FRP pedestrian footpath at PUP Crossings	0d	24-Apr-24	24-Apr-24	68d
DP-I79-CW-5540	Civil Works - Zone i79 - Prepare subgrade	1d	24-Apr-24	24-Apr-24	64d
DP-I79-CW-5320	Civil Works - Zone i79 - Place subbase and base course	1d	26-Apr-24	26-Apr-24	64d
DP-I79-CW-5560	Civil Works - Zone i79 - Fifth Ave ISect Place subbase and base course	1d	29-Apr-24	29-Apr-24	64d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I79-CW-5240	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	30-Apr-24	30-Apr-24	64d
DP-I79-CW-5280	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	1d	01-May-24	01-May-24	65d
Civil Works - Finishing Kerbs and Northbound Lanes		6d	01-May-24	10-May-24	65d
DP-I79-CW-5440	Civil Works - Zone i79 - Shift Traffic East	0d		01-May-24	65d
DP-I79-CW-5480	Civil Works - Zone i79 - Remove existing asphalt and subbase	1d	02-May-24	02-May-24	64d
DP-I79-CW-5500	Civil Works - Zone i79 - Prepare Subgrade	2d	03-May-24	07-May-24	64d
DP-I79-CW-5580	Civil Works - Zone i79 - Replace kerb and channel at PUP crossings	0d	08-May-24	08-May-24	64d
DP-I79-CW-5600	Civil Works - Zone i79 - FRP pedestrian footpath at PUP Crossings	0d	08-May-24	08-May-24	66d
DP-I79-CW-5460	Civil Works - Zone i79 - Place subbase and base course	1d	08-May-24	08-May-24	64d
DP-I79-CW-5400	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	09-May-24	09-May-24	64d
DP-I79-CW-5420	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	1d	10-May-24	10-May-24	65d
Civil Works - Rail Corridor		8d	10-May-24	23-May-24	64d
DP-I79-CW-5060	Civil Works - Zone i79 - Shift Traffic to Kerb and Shoulder Lanes	0d		10-May-24	64d
DP-I79-CW-5080	Civil Works - Zone i79 - Demo/Clear/Grub	1d	14-May-24	14-May-24	64d
DP-I79-CW-5520	Civil Works - Zone i79 - Profile central median and asphalt	1d	16-May-24	16-May-24	64d
DP-I79-CW-5100	Civil Works - Zone i79 - Bulk and Detail excavation	1d	17-May-24	17-May-24	64d
DP-I79-CW-5120	Civil Works - Zone i79 - Flooding and compact subgrade	1d	18-May-24	18-May-24	64d
DP-I79-CW-5140	Civil Works - Zone i79 - Install CSR conduits and Pits	1d	20-May-24	20-May-24	64d
DP-I79-CW-5160	Civil Works - Zone i79 - Place and Compact Type 2.1 Road base	1d	21-May-24	21-May-24	64d
DP-I79-CW-5220	Civil Works - Zone i79 - Final trim and survey	1d	22-May-24	22-May-24	64d
DP-I79-CW-5180	Civil Works - Zone i79 - Spray bitumen chip seal	1d	23-May-24	23-May-24	64d
Civil Works - Track		6d	24-May-24	31-May-24	64d
DP-I79-TW-1100	Track Works - Zone i79 - Install/weld rail, Rail Systems Loop and form/reo	3d	24-May-24	27-May-24	64d
DP-I79-TW-1120	Track Works - Zone i79 - Install OLE foundations	3d	24-May-24	27-May-24	64d
DP-I79-TW-1140	Track Works - Zone i79 - Perform electrical continunity testing/hold points	1d	28-May-24	28-May-24	64d
DP-I79-TW-1160	Track Works - Zone i79 - Pour concrete and complete finishes	2d	30-May-24	31-May-24	64d
Civil Works - Reinstate Track Verge		2d	03-Jun-24	04-Jun-24	90d
DP-I79-CW-5200	Civil Works - Zone i79 - Place and Compact Type 2.1 Road Base	1d	03-Jun-24	03-Jun-24	90d
DP-I79-CW-5340	Civil Works - Zone i79 - Place asphalt (Incl Primer Seal)	1d	04-Jun-24	04-Jun-24	90d
Civil Works - Finishing		16d	05-Jun-24	26-Jun-24	192d
DP-I79-CW-5020	Civil Works - Zone i79 - Finishing - Final Asphalt Wearing Course	1d	05-Jun-24	05-Jun-24	205d
DP-I79-CW-5040	Civil Works - Zone i79 - Finishing - Pavement Marking	2d	25-Jun-24	26-Jun-24	192d
Traffic Control Systems (TCS)		15d	12-Mar-24	13-Apr-24	124d
DP-I79-TCS-1040	Signal Works - Zone i79 - Footings - Excav/Reo/Pour/Cure	5d	12-Mar-24	21-Mar-24	106d
DP-I79-TCS-1060	Signal Works - Zone i79 - Install Poles, Cables and Lanterns	4d	22-Mar-24	26-Mar-24	124d
DP-I79-TCS-1000	Signal Works - Zone i79 - Install Pits and Conduits	2d	25-Mar-24	26-Mar-24	64d
DP-I79-TCS-1080	Signal Works - Zone i79 - Install Traffic Detector Loops and Cables (Nights)	4d	28-Mar-24	11-Apr-24	124d
DP-I79-TCS-1100	Signal Works - Zone i79 - Install TCS Cabinets	1d	12-Apr-24	12-Apr-24	124d
DP-I79-TCS-1120	Signal Works - Zone i79 - Install LRV Personality	1d	13-Apr-24	13-Apr-24	124d
Traction Power & Overhead Line		106d	22-Apr-24	24-Sep-24	25d
CSR Cabling		62d	22-Apr-24	22-Jul-24	69d
Track-to-Track		1d	22-Apr-24	22-Apr-24	118d
DP-I79-BC-1020	Traction Power - Zone i79 - Connect Bond to Studs	1d	22-Apr-24	22-Apr-24	118d
Pit-to-Pit		44d	21-May-24	22-Jul-24	69d
DP-I79-HC-1020	Traction Power - Zone i79 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	69d
DP-I79-HC-1100	Traction Power - Zone i79 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	14-Jun-24	26-Jun-24	86d
DP-I79-ST-1000	Traction Power - Zone i79 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	69d
DP-I79-ST-1020	Traction Power - Zone i79 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	11d	08-Jul-24	22-Jul-24	69d
Overhead Line		4d	20-Sep-24	24-Sep-24	17d
DP-I79-OH-1040	Traction Power - Zone i79 - Overhead Wiring - Wire Run 15/16 & QA	4d	20-Sep-24	24-Sep-24	17d
Zone 2D (Ch 38,510 - 39,515) - 1,005m		594d	23-May-22	18-Oct-24	155d
Public Utilities Plant Works		262d	23-May-22	15-Jun-23	274d
DP-2D-MS-1000	PUP Works - Zone 2D - Conduits and Pipes Complete - Civil work to Commence	0d		05-Jun-23	2d
CoGC - Water		254d	23-May-22	05-Jun-23	2d
Water Works		254d	23-May-22	05-Jun-23	2d
DP-2D-WT-2080	PUP Works - Zone 2D - Traffic Management (Ferny Fairway Modifications)	6d	23-May-22	30-May-22	196d
DP-2D-WT-2330	PUP Works - Zone 2D - (WA-300-177, WA-300-178)	3d	13-Sep-22	16-Sep-22	27d
DP-2D-WT-2390	PUP Works - Zone 2D - (WA-300-181)	2d	17-Sep-22	19-Sep-22	42d
DP-2D-WT-2410	PUP Works - Zone 2D - (WA-300-183)	19d	17-Sep-22	14-Oct-22	27d
DP-2D-WT-2400	PUP Works - Zone 2D - (WA-300-182)	2d	20-Sep-22	21-Sep-22	42d
DP-2D-WT-2250	PUP Works - Zone 2D - (WA-300-146)	10d	15-Oct-22	28-Oct-22	2d
DP-2D-WT-2380	PUP Works - Zone 2D - (WA-300-179)	10d	29-Oct-22	14-Nov-22	2d
DP-2D-WT-2350	PUP Works - Zone 2D - (WA-300-174) - DN250 - Install DICL - Excav/Lay/Bfill	47d	16-Mar-23	02-Jun-23	2d
DP-2D-WT-2260	PUP Works - Zone 2D - (WA-300-149)	2d	03-Jun-23	05-Jun-23	2d
DP-2D-WT-2270	PUP Works - Zone 2D - (WA-300-150)	2d	03-Jun-23	05-Jun-23	2d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2D-WT-2280	PUP Works - Zone 2D - (WA-300-151)	2d	03-Jun-23	05-Jun-23	2d
DP-2D-WT-2290	PUP Works - Zone 2D - (WA-300-152)	2d	03-Jun-23	05-Jun-23	2d
DP-2D-WT-2300	PUP Works - Zone 2D - (WA-300-153)	2d	03-Jun-23	05-Jun-23	2d
DP-2D-WT-2310	PUP Works - Zone 2D - (WA-300-154)	2d	03-Jun-23	05-Jun-23	2d
DP-2D-WT-2320	PUP Works - Zone 2D - (WA-300-155)	2d	03-Jun-23	05-Jun-23	2d
DP-2D-WT-2430	PUP Works - Zone 2D - (WA-300-185)	2d	03-Jun-23	05-Jun-23	2d
Service Connections		1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S050	PUP Works - Zone 2D - (WA-S-050)	1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S035	PUP Works - Zone 2D - (WA-S-051)	1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S036	PUP Works - Zone 2D - (WA-S-052)	1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S037	PUP Works - Zone 2D - (WA-S-053)	1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S038	PUP Works - Zone 2D - (WA-S-054)	1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S039	PUP Works - Zone 2D - (WA-S-055)	1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S040	PUP Works - Zone 2D - (WA-S-056)	1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S041	PUP Works - Zone 2D - (WA-S-057)	1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S042	PUP Works - Zone 2D - (WA-S-058)	1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S043	PUP Works - Zone 2D - (WA-S-059)	1d	03-Jun-23	03-Jun-23	3d
DP-2D-WT-S044	PUP Works - Zone 2D - (WA-S-060)	1d	03-Jun-23	03-Jun-23	3d
CoGC - Sewer		21d	15-Sep-22	14-Oct-22	180d
DP-2D-SW-1020	PUP Works - Zone 2D - Sewer Pipe Reline (HDD) (SE-300-159)	15d	15-Sep-22	06-Oct-22	19d
DP-2D-SW-1000	PUP Works - Zone 2D - Sewer Pipe Reline (SE-300-113, SE-300-114, SE-300-117, SE-300-120, SE-300-122,	19d	15-Sep-22	11-Oct-22	29d
DP-2D-SW-1030	PUP Works - Zone 2D - Sewer Pipe Reline (Pipe Jacking) (SE-300-144)	21d	15-Sep-22	14-Oct-22	180d
Energex		133d	22-Nov-22	15-Jun-23	274d
Pre-Works		1d	22-Nov-22	22-Nov-22	98d
DP-2D-EG-1470	PUP Works - Zone 2D - Gold Coast Hwy - Energex to install tigertails	1d	22-Nov-22	22-Nov-22	98d
Conduits & Pits		57d	22-Nov-22	10-Mar-23	2d
DP-2D-EG-1000	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Second Ave) (EL-300-152 / 149)	17d	22-Nov-22	05-Jan-23	12d
DP-2D-EG-1060	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Second Ave)(Boring)(EL-300-150 resolved by 300-15	28d	22-Nov-22	24-Jan-23	2d
DP-2D-EG-1020	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Fourth Ave) (EL-300-138)	6d	06-Jan-23	17-Jan-23	12d
DP-2D-EG-1030	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Third Ave) (EL-300-140 / 145)	7d	19-Jan-23	28-Jan-23	12d
DP-2D-EG-1070	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Fourth Ave) (Boring) (EL-300-138)	8d	27-Jan-23	06-Feb-23	2d
DP-2D-EG-1040	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (First Ave) (EL-300-154)	2d	30-Jan-23	31-Jan-23	12d
DP-2D-EG-1050	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Ferny Ave) (EL-300-132 / 133)	15d	02-Feb-23	24-Feb-23	12d
DP-2D-EG-1080	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (Third Ave) (Boring) (EL-300-140)	8d	07-Feb-23	18-Feb-23	2d
DP-2D-EG-1090	PUP Works - Zone 2D - Gold Coast Hwy - Energex Xing (First Ave) (Boring) (EL-300-154)	13d	20-Feb-23	10-Mar-23	2d
Energex Works		65d	13-Mar-23	15-Jun-23	274d
DP-2D-EG-2000	PUP Works - Zone 2D - Gold Coast Hwy - Notification to Energex	50d	13-Mar-23	25-May-23	274d
DP-2D-EG-2010	PUP Works - Zone 2D - Gold Coast Hwy - Energex Works & Cutover	15d	26-May-23	15-Jun-23	274d
APA Gas		29d	22-Nov-22	27-Jan-23	79d
Protect / Relocate		5d	22-Nov-22	01-Dec-22	79d
DP-2D-GA-1040	PUP Works - Zone 2D - Gas Relocation DN90 IN DN160 (GA-300-027 / 029)	5d	22-Nov-22	01-Dec-22	79d
Cutover		24d	02-Dec-22	27-Jan-23	79d
DP-2D-GA-1180	PUP Works - Zone 2D - D&C Contractor to Notify APA Gas	21d	02-Dec-22	21-Jan-23	79d
DP-2D-GA-1200	PUP Works - Zone 2D - APA Gas Cutover (GA-300-027 / 029)	3d	23-Jan-23	27-Jan-23	79d
Telstra		54d	15-Nov-22	27-Feb-23	59d
Trench (D&C Contractor)		15d	04-Feb-23	27-Feb-23	59d
DP-2D-TLS-1100	PUP Works - Zone 2D - Protection Slab across Anzac Parade (TE-300-103)	5d	04-Feb-23	09-Feb-23	59d
DP-2D-TLS-1120	PUP Works - Zone 2D - Minor protection slabs at Ferny Fairway (TE-300-278 / 278a / 279 / 279a / 275 / 276)	5d	10-Feb-23	18-Feb-23	59d
DP-2D-TLS-1160	PUP Works - Zone 2D - Install Protection slab across 4th Ave (TE-300-105)	5d	20-Feb-23	27-Feb-23	59d
Relocate Conduits & Cable Pull		18d	15-Nov-22	13-Dec-22	59d
DP-2D-TLS-1140	PUP Works - Zone 2D - Relocation Across Second Ave (TE-300-114 / 115 / 307)	18d	15-Nov-22	13-Dec-22	59d
NBN		21d	15-Dec-22	03-Feb-23	59d
DP-2D-NB-1160	PUP Works - Zone 2D - NBN inside TE-300-114 (TE-300-114a / 300-115a / 300-307a)	21d	15-Dec-22	03-Feb-23	59d
Street Lighting Relocations		35d	31-May-22	18-Jul-22	215d
DP-2D-Stl-1000	Lighting Works - Zone 2D - Install Temporary Street Lighting	20d	31-May-22	27-Jun-22	215d
DP-2D-Stl-1020	Lighting Works - Zone 2D - Removal of Existing Lighting	15d	28-Jun-22	18-Jul-22	215d
Stormwater Drainage		225d	27-Jan-23	02-Feb-24	22d
Southbound		48d	30-Oct-23	02-Feb-24	0d
DP-2D-DR-2100	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN375/DN450/DN600/DN1200 (sbound)	48d	30-Oct-23	02-Feb-24	0d
Northbound		32d	24-Jul-23	08-Sep-23	1d
DP-2D-DR-2120	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN450/375/525(nbound)	32d	24-Jul-23	08-Sep-23	1d
DP-2D-DR-2140	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN525-DN1050 (nbound)	5d	01-Sep-23	08-Sep-23	1d
Crossing		225d	27-Jan-23	02-Feb-24	22d
DP-2D-DR-2160	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN1200 & DN525 Pipejack (2nd & 3rd Ave)(2off)	32d	27-Jan-23	18-Mar-23	197d
DP-2D-DR-2200	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN825-DN1050 (lower Gold Coast Hwy)	8d	20-Mar-23	30-Mar-23	197d



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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2D-DR-2280	Drainage Works - Zone 2D - Gold Coast Hwy - Stormwater DN600 Crossing (Fifth Ave)	5d	25-Jan-24	02-Feb-24	22d
Civil Works - Finishing Kerbs and Northbound Lanes		91d	06-Jun-23	13-Oct-23	0d
DP-2D-CW-1800	Civil Works - Zone 2D - Shift Traffic East	6d	06-Jun-23	13-Jun-23	2d
DP-2D-CW-1820	Civil Works - Zone 2D - Remove existing asphalt and subbase	8d	15-Jun-23	23-Jun-23	1d
DP-2D-CW-1840	Civil Works - Zone 2D - Prepare subgrade	18d	21-Aug-23	15-Sep-23	1d
DP-2D-CW-1860	Civil Works - Zone 2D - Replace kerb and channel at PUP crossings	3d	18-Sep-23	20-Sep-23	1d
DP-2D-CW-174	Civil Works - Zone 2D - FRP pedestrian footpath at PUP Crossings	0d	21-Sep-23	21-Sep-23	15d
DP-2D-CW-1880	Civil Works - Zone 2D - Place subbase and base course	7d	21-Sep-23	29-Sep-23	1d
DP-2D-CW-1760	Civil Works - Zone 2D - Place asphalt (Incl Prime and Seal)	7d	04-Oct-23	12-Oct-23	0d
DP-2D-CW-1780	Civil Works - Zone 2D - Shift Traffic to Kerb and Shoulder Lanes	0d	13-Oct-23	13-Oct-23	0d
Civil Works - Finishing Kerbs and Southbound Lanes		97d	13-Oct-23	12-Mar-24	26d
DP-2D-CW-1520	Civil Works - Zone 2D - Shift Traffic West	6d	13-Oct-23	20-Oct-23	0d
DP-2D-CW-1720	Civil Works - Zone 2D - Remove existing asphalt and subbase	7d	21-Oct-23	31-Oct-23	20d
DP-2D-CW-1480	Civil Works - Zone 2D - Replace kerb and channel at PUP crossings	3d	01-Nov-23	03-Nov-23	20d
DP-2D-CW-1740	Civil Works - Zone 2D - FRP pedestrian footpath at PUP Crossings	0d	09-Nov-23	09-Nov-23	20d
DP-2D-CW-2120	Civil Works - Zone 2D - Prepare subgrade	16d	13-Jan-24	10-Feb-24	17d
DP-2D-CW-1620	Civil Works - Zone 2D - Place subbase and base course	7d	05-Feb-24	13-Feb-24	21d
DP-2D-CW-1420	Civil Works - Zone 2D - Place asphalt (Incl Prime and Seal)	11d	14-Feb-24	04-Mar-24	17d
DP-2D-CW-1500	Civil Works - Zone 2D - Shift Traffic to Kerb and Shoulder Lanes	6d	05-Mar-24	12-Mar-24	26d
Civil Works - Rail Corridor		63d	02-Dec-23	09-Apr-24	9d
DP-2D-CW-1040	Civil Works - Zone 2D - Demo/Clear/Grub	1d	02-Dec-23	02-Dec-23	0d
DP-2D-CW-2100	Civil Works - Zone 2D - Profile Central Median and Asphalt	5d	04-Dec-23	09-Dec-23	0d
DP-2D-CW-1000	Civil Works - Zone 2D - Shift Traffic to Kerb and Shoulder Lanes	6d	11-Dec-23	03-Jan-24	0d
DP-2D-CW-1100	Civil Works - Zone 2D - Bulk and Detail excavation	25d	04-Jan-24	14-Feb-24	0d
DP-2D-CW-1120	Civil Works - Zone 2D - Flooding and compact subgrade	19d	30-Jan-24	29-Feb-24	0d
DP-2D-CW-1140	Civil Works - Zone 2D - Install CSR conduits and Pits	14d	14-Feb-24	09-Mar-24	0d
DP-2D-CW-1160	Civil Works - Zone 2D - Place and Compact Type 2.1 Road base	16d	24-Feb-24	22-Mar-24	0d
DP-2D-CW-1360	Civil Works - Zone 2D - Final trim and survey	19d	26-Feb-24	28-Mar-24	0d
DP-2D-CW-1180	Civil Works - Zone 2D - Spray bitumen chip seal	2d	08-Apr-24	09-Apr-24	9d
Civil Works - Track		48d	29-Feb-24	23-May-24	0d
DP-2D-TW-1000	Track Works - Zone 2D - Install/weld rail, Rail Systems Loop and form/reo	33d	29-Feb-24	30-Apr-24	0d
DP-2D-TW-1020	Track Works - Zone 2D - Install OLE foundations	33d	29-Feb-24	30-Apr-24	0d
DP-2D-TW-1040	Track Works - Zone 2D - Perform electrical continunity testing/hold points	14d	12-Apr-24	01-May-24	0d
DP-2D-TW-1080	Track Works - Zone 2D - Pour concrete, strip formwork and install lids	23d	19-Apr-24	23-May-24	0d
Civil Works - Reinstate Track Verge		44d	07-May-24	09-Jul-24	0d
DP-2D-CW-2180	Civil Works - Zone 2D - FRP Kerb Track Side	16d	07-May-24	28-May-24	0d
DP-2D-CW-1200	Civil Works - Zone 2D - Place and Compact Type 2.1 Road Base	10d	30-May-24	14-Jun-24	0d
DP-2D-CW-1700	Civil Works - Zone 2D - Place asphalt (Incl Prime and Seal)	18d	15-Jun-24	09-Jul-24	0d
Civil Works - System Fitout		51d	10-Jul-24	19-Sep-24	16d
DP-2D-CW-1640	Civil Works - Zone 2D - Shift traffic to permanent alignment (night works)	6d	10-Jul-24	17-Jul-24	0d
DP-2D-CW-1660	Civil Works - Zone 2D - Erect Overhead Wire Poles with Lighting	4d	18-Jul-24	23-Jul-24	8d
DP-2D-CW-1680	Civil Works - Zone 2D - FRP island platform Stop SAB Incl Conduits	11d	18-Jul-24	31-Jul-24	0d
DP-2D-BW-2040	Building Works - Zone 2D - Stop SAB - Fitout	16d	01-Aug-24	26-Aug-24	22d
DP-2D-CW-1900	Civil Works - Zone 2D - Install island platform Stop SAB Membrane structure Incl Membrane	16d	01-Aug-24	26-Aug-24	0d
DP-2D-BW-2060	Building Works - Zone 2D - Stop SAB - Install comms/UPS cabinets	1d	27-Aug-24	27-Aug-24	21d
DP-2D-BW-2080	Building Works - Zone 2D - Stop SAB - LV distribution board, cabling & fitout	5d	27-Aug-24	04-Sep-24	0d
DP-2D-BW-1100	Building Works - Zone 2D - Stop SAB - Commission	11d	05-Sep-24	19-Sep-24	17d
Civil Works - Finishing		64d	10-Jul-24	11-Oct-24	136d
DP-2D-CW-5000	Civil Works - Zone 2D - Finishing - FRP Blister Islands	5d	10-Jul-24	15-Jul-24	185d
DP-2D-CW-5060	Civil Works - Zone 2D - Finishing - Landscaping	64d	10-Jul-24	11-Oct-24	136d
DP-2D-CW-5020	Civil Works - Zone 2D - Finishing - Final Asphalt Wearing Course	6d	16-Jul-24	24-Jul-24	185d
DP-2D-CW-5040	Civil Works - Zone 2D - Finishing - Pavement Marking	2d	25-Jul-24	26-Jul-24	185d
Civil Works - Lower Gold Coast Highway		91d	06-Jun-23	12-Oct-23	315d
Traffic Management		0d	06-Jun-23	06-Jun-23	15d
DP-2D-TM-1160	Civil Works - Zone 2D - Install Traffic Management	0d	06-Jun-23		15d
Pavement Works		22d	08-Sep-23	10-Oct-23	315d
DP-2D-CW-2260	Civil Works - Zone 2D - Lower Gold Coast Hwy - Pavement Reinstate - Subbase & Base Ch. 38,600 - 39,500	20d	08-Sep-23	06-Oct-23	315d
DP-2D-CW-2280	Civil Works - Zone 2D - Lower Gold Coast Hwy - Pavement Reinstate - Asphalt Ch. 38,600 - 39,500	2d	09-Oct-23	10-Oct-23	315d
Finishing Works		2d	11-Oct-23	12-Oct-23	315d
DP-2D-CW-2320	Civil Works - Zone 2D - Lower Gold Coast Hwy - Pavement Markings - Apply Ch. 38,600 - 39,500	2d	11-Oct-23	12-Oct-23	315d
Civil Works - Gold Coast Hwy Widening Ch. 38,600 - 39,500		59d	26-Jun-23	15-Sep-23	59d
Retaining Wall Works		54d	26-Jun-23	08-Sep-23	0d
DP-2D-RW-2040	Civil Works - Zone 2D - Retaining wall - FRP footing	30d	26-Jun-23	04-Aug-23	1d
DP-2D-RW-2060	Civil Works - Zone 2D - Retaining wall - FRP wall	30d	10-Jul-23	18-Aug-23	1d
DP-2D-RW-2240	Civil Works - Zone 2D - Retaining wall - Backfill wall	32d	24-Jul-23	08-Sep-23	1d



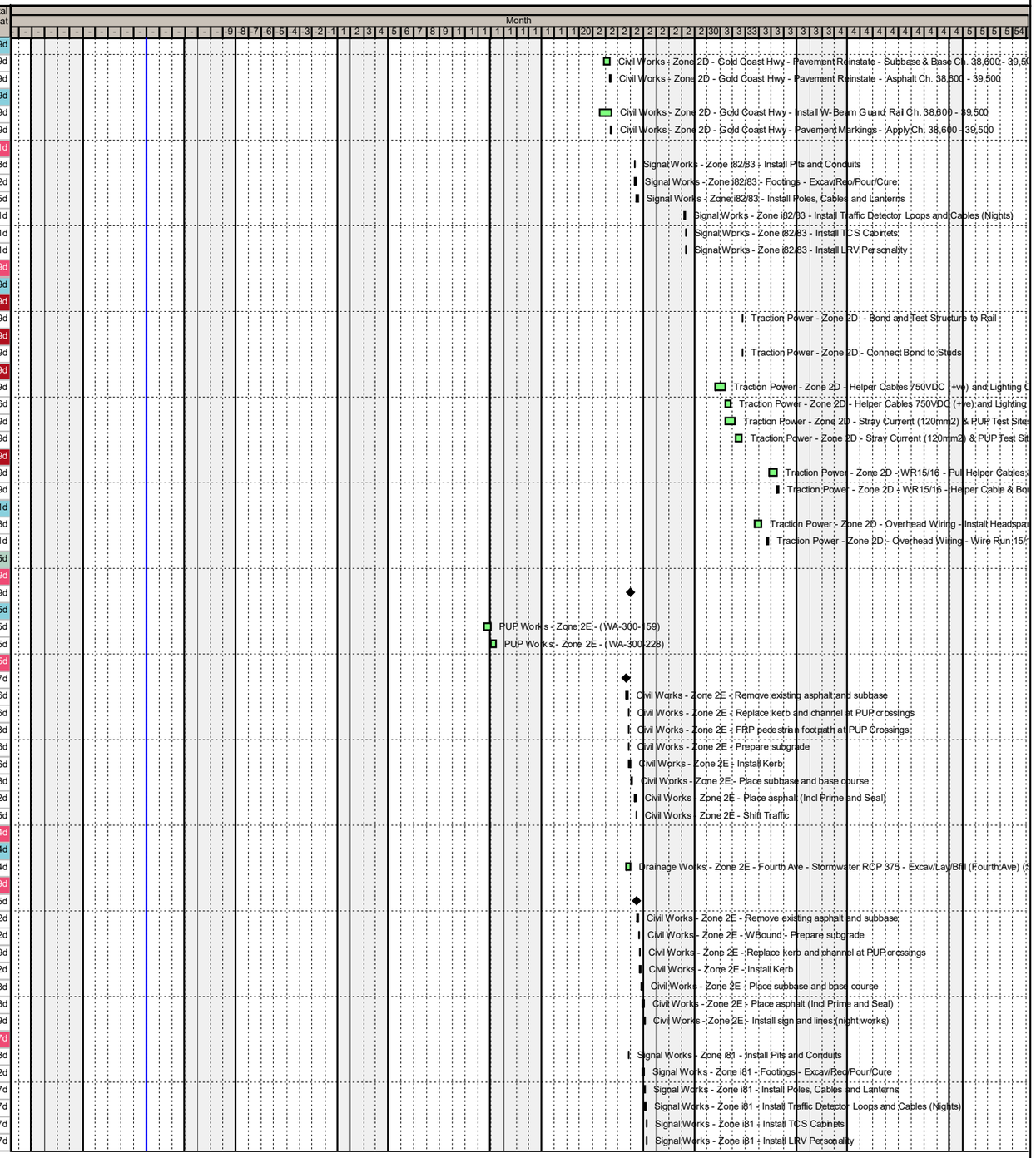
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Pavement Works		12d	29-Aug-23	13-Sep-23	59d
DP-2D-CW-2340	Civil Works - Zone 2D - Gold Coast Hwy - Pavement Reinstate - Subbase & Base Ch. 38,600 - 39,500	10d	29-Aug-23	11-Sep-23	59d
DP-2D-CW-2360	Civil Works - Zone 2D - Gold Coast Hwy - Pavement Reinstate - Asphalt Ch. 38,600 - 39,500	2d	12-Sep-23	13-Sep-23	59d
Finishing Works		20d	18-Aug-23	15-Sep-23	59d
DP-2D-CW-2480	Civil Works - Zone 2D - Gold Coast Hwy - Install W-Beam Guard Rail Ch. 38,600 - 39,500	20d	18-Aug-23	15-Sep-23	59d
DP-2D-CW-2400	Civil Works - Zone 2D - Gold Coast Hwy - Pavement Markings - Apply Ch. 38,600 - 39,500	2d	14-Sep-23	15-Sep-23	59d
Traffic Control Systems (TCS)		66d	09-Nov-23	12-Mar-24	141d
DP-I82-TCS-1000	Signal Works - Zone i82/83 - Install Pits and Conduits	2d	09-Nov-23	10-Nov-23	53d
DP-I82-TCS-1040	Signal Works - Zone i82/83 - Footings - Excav/Reo/Pour/Cure	4d	09-Nov-23	13-Nov-23	172d
DP-I82-TCS-1060	Signal Works - Zone i82/83 - Install Poles, Cables and Lanterns	3d	14-Nov-23	17-Nov-23	195d
DP-I82-TCS-1080	Signal Works - Zone i82/83 - Install Traffic Detector Loops and Cables (Nights)	3d	07-Mar-24	09-Mar-24	141d
DP-I82-TCS-1100	Signal Works - Zone i82/83 - Install TCS Cabinets	1d	11-Mar-24	11-Mar-24	141d
DP-I82-TCS-1120	Signal Works - Zone i82/83 - Install LRV Personality	1d	12-Mar-24	12-Mar-24	141d
Traction Power & Overhead Line		104d	21-May-24	18-Oct-24	9d
CSR Cabling		104d	21-May-24	18-Oct-24	9d
Structure-to-Track		1d	24-Jul-24	24-Jul-24	49d
DP-2D-BC-1540	Traction Power - Zone 2D - Bond and Test Structure to Rail	1d	24-Jul-24	24-Jul-24	49d
Track-to-Track		1d	24-Jul-24	24-Jul-24	49d
DP-2D-BC-1000	Traction Power - Zone 2D - Connect Bond to Studs	1d	24-Jul-24	24-Jul-24	49d
Pit-to-Pit		44d	21-May-24	22-Jul-24	69d
DP-2D-HC-1020	Traction Power - Zone 2D - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	69d
DP-2D-HC-1040	Traction Power - Zone 2D - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	14-Jun-24	26-Jun-24	86d
DP-2D-ST-1000	Traction Power - Zone 2D - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	69d
DP-2D-ST-1020	Traction Power - Zone 2D - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	11d	08-Jul-24	22-Jul-24	69d
Pit-to-OLE		14d	27-Sep-24	18-Oct-24	9d
DP-2D-HC-1540	Traction Power - Zone 2D - WR15/16 - Pull Helper Cables & Bonding from Pit to OHL	11d	27-Sep-24	14-Oct-24	9d
DP-2D-HC-1560	Traction Power - Zone 2D - WR15/16 - Helper Cable & Bonding - Test & Terminate	3d	15-Oct-24	18-Oct-24	9d
Overhead Line		23d	22-Aug-24	24-Sep-24	11d
DP-2D-OH-1020	Traction Power - Zone 2D - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	11d	22-Aug-24	07-Sep-24	18d
DP-2D-OH-1040	Traction Power - Zone 2D - Overhead Wiring - Wire Run 15/16 & QA	4d	20-Sep-24	24-Sep-24	11d
Zone 2E - Fourth Ave (Ch 38,672 - 38,700) - 110m		262d	15-Nov-22	09-Dec-23	275d
Public Utilities Plant Works		234d	15-Nov-22	31-Oct-23	189d
DP-2E-MS-1000	PUP Works - Zone 2E - Conduits and Pipes Complete - Civil work to Commence	0d		31-Oct-23	189d
CoGC - Water		18d	15-Nov-22	13-Dec-22	95d
DP-2E-WT-1010	PUP Works - Zone 2E - (WA-300-159)	10d	15-Nov-22	01-Dec-22	95d
DP-2E-WT-1020	PUP Works - Zone 2E - (WA-300-228)	8d	02-Dec-22	13-Dec-22	95d
Civil Works - Finishing Northern Half		17d	20-Oct-23	14-Nov-23	185d
DP-2E-CW-1520	Civil Works - Zone 2E - Shift Traffic (night works)	0d		20-Oct-23	187d
DP-2E-CW-1720	Civil Works - Zone 2E - Remove existing asphalt and subbase	3d	21-Oct-23	24-Oct-23	166d
DP-2E-CW-1480	Civil Works - Zone 2E - Replace kerb and channel at PUP crossings	0d	26-Oct-23	26-Oct-23	166d
DP-2E-CW-1740	Civil Works - Zone 2E - FRP pedestrian footpath at PUP Crossings	0d	26-Oct-23	26-Oct-23	173d
DP-2E-CW-2120	Civil Works - Zone 2E - Prepare subgrade	1d	26-Oct-23	26-Oct-23	166d
DP-2E-CW-2180	Civil Works - Zone 2E - Install Kerb	2d	27-Oct-23	30-Oct-23	166d
DP-2E-CW-1620	Civil Works - Zone 2E - Place subbase and base course	2d	02-Nov-23	03-Nov-23	188d
DP-2E-CW-1420	Civil Works - Zone 2E - Place asphalt (Incl Prime and Seal)	4d	09-Nov-23	13-Nov-23	162d
DP-2E-CW-1500	Civil Works - Zone 2E - Shift Traffic	1d	14-Nov-23	14-Nov-23	185d
Stormwater Drainage		7d	21-Oct-23	31-Oct-23	164d
Crossing		7d	21-Oct-23	31-Oct-23	164d
DP-2E-DR-1500	Drainage Works - Zone 2E - Fourth Ave - Stormwater RCP 375 - Excav/Lay/Bfill (Fourth Ave) (SIDE STREET)	7d	21-Oct-23	31-Oct-23	164d
Civil Works - Finishing Southern Half		14d	14-Nov-23	04-Dec-23	279d
DP-2E-CW-1800	Civil Works - Zone 2E - Shift Traffic (night works)	0d		14-Nov-23	185d
DP-2E-CW-1820	Civil Works - Zone 2E - Remove existing asphalt and subbase	3d	16-Nov-23	18-Nov-23	162d
DP-2E-CW-1840	Civil Works - Zone 2E - WBound - Prepare subgrade	1d	20-Nov-23	20-Nov-23	162d
DP-2E-CW-1860	Civil Works - Zone 2E - Replace kerb and channel at PUP crossings	0d	23-Nov-23	23-Nov-23	189d
DP-2E-CW-2220	Civil Works - Zone 2E - Install Kerb	2d	23-Nov-23	24-Nov-23	162d
DP-2E-CW-1880	Civil Works - Zone 2E - Place subbase and base course	2d	27-Nov-23	28-Nov-23	208d
DP-2E-CW-1760	Civil Works - Zone 2E - Place asphalt (Incl Prime and Seal)	4d	29-Nov-23	02-Dec-23	188d
DP-2E-CW-1780	Civil Works - Zone 2E - Install sign and lines (night works)	1d	04-Dec-23	04-Dec-23	279d
Traffic Control Systems (TCS)		26d	27-Oct-23	09-Dec-23	187d
DP-I81-TCS-1000	Signal Works - Zone i81 - Install Pits and Conduits	1d	27-Oct-23	27-Oct-23	203d
DP-I81-TCS-1040	Signal Works - Zone i81 - Footings - Excav/Reo/Pour/Cure	3d	29-Nov-23	01-Dec-23	162d
DP-I81-TCS-1060	Signal Works - Zone i81 - Install Poles, Cables and Lanterns	2d	02-Dec-23	04-Dec-23	187d
DP-I81-TCS-1080	Signal Works - Zone i81 - Install Traffic Detector Loops and Cables (Nights)	2d	05-Dec-23	07-Dec-23	187d
DP-I81-TCS-1100	Signal Works - Zone i81 - Install TCS Cabinets	1d	08-Dec-23	08-Dec-23	187d
DP-I81-TCS-1120	Signal Works - Zone i81 - Install LRV Personality	1d	09-Dec-23	09-Dec-23	187d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Zone 2F - Third Ave (Ch 38,902 - 38,930) - 110m		274d	15-Dec-22	09-Feb-24	276d
Public Utilities Plant Works		250d	15-Dec-22	08-Jan-24	278d
DP-2F-MS-1000	PUP Works - Zone 2F - Conduits and Pipes Complete - Civil work to Commence	0d		08-Jan-24	278d
CoGC - Water		6d	15-Dec-22	09-Jan-23	95d
DP-2F-WT-1000	PUP Works - Zone 2F - (WA-300-166)	3d	15-Dec-22	03-Jan-23	95d
DP-2F-WT-1020	PUP Works - Zone 2F - (WA-300-170)	3d	05-Jan-23	09-Jan-23	95d
Civil Works - Finishing Northern Half		21d	05-Dec-23	16-Jan-24	280d
DP-2F-CW-1520	Civil Works - Zone 2F - Shift Traffic (night works)	1d	05-Dec-23	05-Dec-23	279d
DP-2F-CW-1720	Civil Works - Zone 2F - Remove existing asphalt and subbase	3d	07-Dec-23	09-Dec-23	252d
DP-2F-CW-1480	Civil Works - Zone 2F - Replace kerb and channel at PUP crossings	0d	11-Dec-23	11-Dec-23	252d
DP-2F-CW-1740	Civil Works - Zone 2F - FRP pedestrian footpath at PUP Crossings	0d	11-Dec-23	11-Dec-23	260d
DP-2F-CW-2120	Civil Works - Zone 2F - Prepare subgrade	1d	11-Dec-23	11-Dec-23	252d
DP-2F-CW-2180	Civil Works - Zone 2F - Install Kerb	2d	12-Dec-23	14-Dec-23	252d
DP-2F-CW-1620	Civil Works - Zone 2F - Place subbase and base course	2d	08-Jan-24	09-Jan-24	278d
DP-2F-CW-1420	Civil Works - Zone 2F - Place asphalt (Incl Prime and Seal)	4d	11-Jan-24	15-Jan-24	246d
DP-2F-CW-1500	Civil Works - Zone 2F - Shift Traffic	1d	16-Jan-24	16-Jan-24	280d
Stormwater Drainage		10d	07-Dec-23	04-Jan-24	247d
Crossing		10d	07-Dec-23	04-Jan-24	247d
DP-2F-DR-1540	Drainage Works - Zone 2F - Third Ave - Stormwater RCP 375 - Excav/Lay/Bfill (Third Ave) (SIDE STREET)	10d	07-Dec-23	04-Jan-24	247d
Civil Works - Finishing Southern Half		17d	16-Jan-24	09-Feb-24	276d
DP-2F-CW-1800	Civil Works - Zone 2F - Shift Traffic (night works)	0d		16-Jan-24	280d
DP-2F-CW-1820	Civil Works - Zone 2F - Remove existing asphalt and subbase	3d	18-Jan-24	23-Jan-24	246d
DP-2F-CW-1840	Civil Works - Zone 2F - WBound - Prepare subgrade	1d	25-Jan-24	25-Jan-24	246d
DP-2F-CW-1860	Civil Works - Zone 2F - Replace kerb and channel at PUP crossings	0d	29-Jan-24	29-Jan-24	248d
DP-2F-CW-2220	Civil Works - Zone 2F - Install Kerb	2d	29-Jan-24	30-Jan-24	246d
DP-2F-CW-1880	Civil Works - Zone 2F - Place subbase and base course	2d	31-Jan-24	01-Feb-24	278d
DP-2F-CW-1760	Civil Works - Zone 2F - Place asphalt (Incl Prime and Seal)	4d	02-Feb-24	08-Feb-24	246d
DP-2F-CW-1780	Civil Works - Zone 2F - Install sign and lines (night works)	1d	09-Feb-24	09-Feb-24	276d
Zone i84 Intersection - Staged - West Burleigh Rd (Ch 39,515 - 39,555) - 40m		495d	15-Sep-22	24-Sep-24	108d
Public Utilities Plant Works		21d	15-Sep-22	14-Oct-22	232d
DP-I84-MS-1000	PUP Works - Zone i84 - Conduits and Pipes Complete - Civil work to Commence	0d		14-Oct-22	232d
CoGC - Water		15d	17-Sep-22	08-Oct-22	214d
DP-I84-WT-1010	PUP Works - Zone i84 - (WA-300-183)	15d	17-Sep-22	08-Oct-22	214d
CoGC - Sewer		21d	15-Sep-22	14-Oct-22	180d
DP-I84-SW-1000	PUP Works - Zone i84 - Sewer Pipe Reline (Pipe Jacking) (SE-300-144)	21d	15-Sep-22	14-Oct-22	180d
Street Lighting Relocations		2d	17-Oct-22	18-Oct-22	232d
DP-I84-Stl-1000	Lighting Works - Zone i84 - Install Temporary Street Lighting	1d	17-Oct-22	17-Oct-22	232d
DP-I84-Stl-1020	Lighting Works - Zone i84 - Removal of Existing Lighting	1d	18-Oct-22	18-Oct-22	232d
Stormwater Drainage		3d	18-May-23	22-May-23	97d
Southbound		3d	18-May-23	22-May-23	97d
DP-I84-DR-2000	Drainage Works - Zone i84 - DN600 Stormwater Drainage	3d	18-May-23	22-May-23	97d
Stage 1		30d	17-May-23	27-Jun-23	100d
Civil Works - Finishing Kerbs and Southbound Lanes		10d	17-May-23	30-May-23	97d
DP-I84-CW-1520	Civil Works - Zone i84 - Stg1 - Shift Traffic West	1d	17-May-23	17-May-23	97d
DP-I84-CW-1720	Civil Works - Zone i84 - Stg1 - Remove existing asphalt and subbase	1d	18-May-23	18-May-23	98d
DP-I84-CW-1480	Civil Works - Zone i84 - Stg1 - FRP New Kerb	0d	19-May-23	19-May-23	98d
DP-I84-CW-1740	Civil Works - Zone i84 - Stg1 - FRP pedestrian footpath	0d	19-May-23	19-May-23	102d
DP-I84-CW-2120	Civil Works - Zone i84 - Stg1 - Prepare subgrade	1d	23-May-23	23-May-23	95d
DP-I84-CW-1620	Civil Works - Zone i84 - Stg1 - Place subbase and base course	1d	25-May-23	25-May-23	95d
DP-I84-CW-1420	Civil Works - Zone i84 - Stg1 - Place asphalt (Incl Primer Seal)	2d	26-May-23	29-May-23	95d
DP-I84-CW-1500	Civil Works - Zone i84 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	1d	30-May-23	30-May-23	97d
Civil Works - Finishing Kerbs and Northbound Lanes		5d	30-May-23	06-Jun-23	97d
DP-I84-CW-1800	Civil Works - Zone i84 - Stg1 - Shift Traffic East	0d		30-May-23	97d
DP-I84-CW-1820	Civil Works - Zone i84 - Stg1 - Remove existing asphalt and subbase	1d	31-May-23	31-May-23	95d
DP-I84-CW-1840	Civil Works - Zone i84 - Stg1 - Prepare Subgrade	1d	01-Jun-23	01-Jun-23	95d
DP-I84-CW-2740	Civil Works - Zone i84 - Stg1 - FRP New Kerb	0d	02-Jun-23	02-Jun-23	95d
DP-I84-CW-2760	Civil Works - Zone i84 - Stg1 - FRP pedestrian footpath	0d	02-Jun-23	02-Jun-23	98d
DP-I84-CW-1880	Civil Works - Zone i84 - Stg1 - Place subbase and base course	1d	02-Jun-23	02-Jun-23	95d
DP-I84-CW-1760	Civil Works - Zone i84 - Stg1 - Place asphalt (Incl Primer Seal)	2d	03-Jun-23	05-Jun-23	95d
DP-I84-CW-1780	Civil Works - Zone i84 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	1d	06-Jun-23	06-Jun-23	97d
Civil Works - Rail Corridor		8d	06-Jun-23	19-Jun-23	95d
DP-I84-CW-1000	Civil Works - Zone i84 - Stg1 - Shift Traffic to Kerb and Shoulder Lanes	0d		06-Jun-23	95d
DP-I84-CW-1040	Civil Works - Zone i84 - Stg1 - Demo/Clear/Grub	1d	07-Jun-23	07-Jun-23	95d
DP-I84-CW-2100	Civil Works - Zone i84 - Stg1 - Profile central median and asphalt	1d	08-Jun-23	08-Jun-23	95d
DP-I84-CW-1100	Civil Works - Zone i84 - Stg1 - Bulk and Detail excavation	1d	09-Jun-23	09-Jun-23	95d



Date	Revision	Checked	Approved

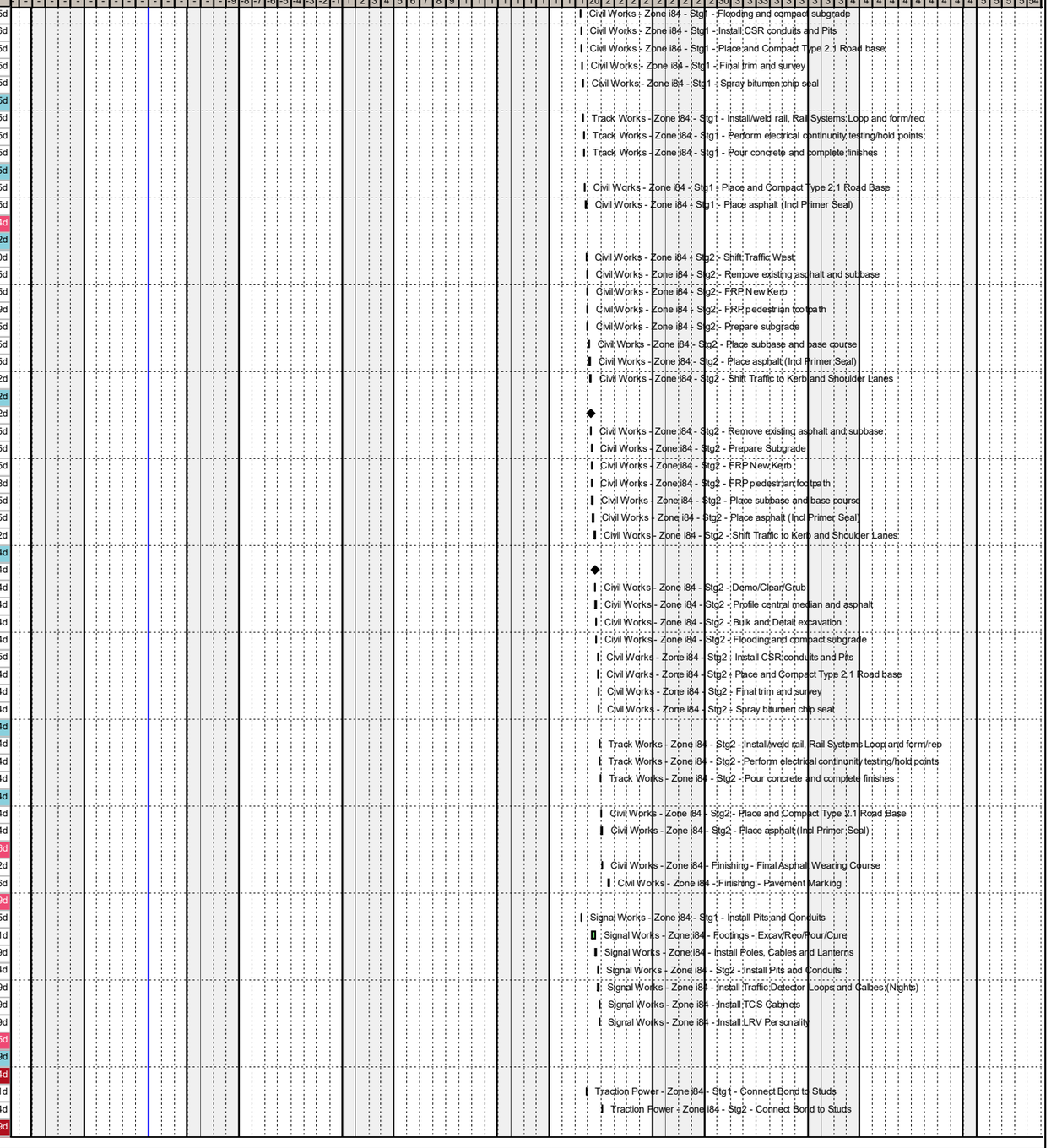
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

JHG.5004.0007.1918

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I84-CW-1120	Civil Works - Zone i84 - Stg1 - Flooding and compact subgrade	1d	13-Jun-23	13-Jun-23	95d
DP-I84-CW-1140	Civil Works - Zone i84 - Stg1 - Install CSR conduits and Pits	1d	15-Jun-23	15-Jun-23	96d
DP-I84-CW-1160	Civil Works - Zone i84 - Stg1 - Place and Compact Type 2.1 Road base	1d	16-Jun-23	16-Jun-23	95d
DP-I84-CW-1360	Civil Works - Zone i84 - Stg1 - Final trim and survey	1d	17-Jun-23	17-Jun-23	95d
DP-I84-CW-1180	Civil Works - Zone i84 - Stg1 - Spray bitumen chip seal	1d	19-Jun-23	19-Jun-23	95d
Civil Works - Track		3d	20-Jun-23	22-Jun-23	95d
DP-I84-TW-1000	Track Works - Zone i84 - Stg1 - Install/weld rail, Rail Systems Loop and form/reo	1d	20-Jun-23	20-Jun-23	95d
DP-I84-TW-1040	Track Works - Zone i84 - Stg1 - Perform electrical continunity testing/hold points	1d	21-Jun-23	21-Jun-23	95d
DP-I84-TW-1080	Track Works - Zone i84 - Stg1 - Pour concrete and complete finishes	1d	22-Jun-23	22-Jun-23	95d
Civil Works - Reinstate Track Verge		3d	23-Jun-23	27-Jun-23	95d
DP-I84-CW-1200	Civil Works - Zone i84 - Stg1 - Place and Compact Type 2.1 Road Base	1d	23-Jun-23	23-Jun-23	95d
DP-I84-CW-1700	Civil Works - Zone i84 - Stg1 - Place asphalt (Incl Primer Seal)	2d	26-Jun-23	27-Jun-23	95d
Stage 2		27d	28-Jun-23	03-Aug-23	104d
Civil Works - Finishing Kerbs and Southbound Lanes		8d	28-Jun-23	07-Jul-23	102d
DP-I84-CW-2400	Civil Works - Zone i84 - Stg2 - Shift Traffic West	1d	28-Jun-23	28-Jun-23	100d
DP-I84-CW-2500	Civil Works - Zone i84 - Stg2 - Remove existing asphalt and subbase	1d	29-Jun-23	29-Jun-23	95d
DP-I84-CW-2360	Civil Works - Zone i84 - Stg2 - FRP New Kerb	0d	30-Jun-23	30-Jun-23	95d
DP-I84-CW-2520	Civil Works - Zone i84 - Stg2 - FRP pedestrian footpath	0d	30-Jun-23	30-Jun-23	99d
DP-I84-CW-2720	Civil Works - Zone i84 - Stg2 - Prepare subgrade	1d	30-Jun-23	30-Jun-23	95d
DP-I84-CW-2420	Civil Works - Zone i84 - Stg2 - Place subbase and base course	1d	04-Jul-23	04-Jul-23	95d
DP-I84-CW-2340	Civil Works - Zone i84 - Stg2 - Place asphalt (Incl Primer Seal)	2d	05-Jul-23	06-Jul-23	95d
DP-I84-CW-2380	Civil Works - Zone i84 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	1d	07-Jul-23	07-Jul-23	102d
Civil Works - Finishing Kerbs and Northbound Lanes		6d	07-Jul-23	17-Jul-23	102d
DP-I84-CW-2600	Civil Works - Zone i84 - Stg2 - Shift Traffic East	0d		07-Jul-23	102d
DP-I84-CW-2640	Civil Works - Zone i84 - Stg2 - Remove existing asphalt and subbase	1d	08-Jul-23	08-Jul-23	95d
DP-I84-CW-2660	Civil Works - Zone i84 - Stg2 - Prepare Subgrade	1d	10-Jul-23	10-Jul-23	95d
DP-I84-CW-2780	Civil Works - Zone i84 - Stg2 - FRP New Kerb	0d	11-Jul-23	11-Jul-23	95d
DP-I84-CW-2800	Civil Works - Zone i84 - Stg2 - FRP pedestrian footpath	0d	11-Jul-23	11-Jul-23	98d
DP-I84-CW-2620	Civil Works - Zone i84 - Stg2 - Place subbase and base course	1d	11-Jul-23	11-Jul-23	95d
DP-I84-CW-2540	Civil Works - Zone i84 - Stg2 - Place asphalt (Incl Primer Seal)	2d	13-Jul-23	14-Jul-23	95d
DP-I84-CW-2580	Civil Works - Zone i84 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	1d	17-Jul-23	17-Jul-23	102d
Civil Works - Rail Corridor		8d	17-Jul-23	27-Jul-23	94d
DP-I84-CW-2140	Civil Works - Zone i84 - Stg2 - Shift Traffic to Kerb and Shoulder Lanes	0d		17-Jul-23	94d
DP-I84-CW-2160	Civil Works - Zone i84 - Stg2 - Demo/Clear/Grub	1d	18-Jul-23	18-Jul-23	94d
DP-I84-CW-2700	Civil Works - Zone i84 - Stg2 - Profile central median and asphalt	1d	19-Jul-23	19-Jul-23	94d
DP-I84-CW-2180	Civil Works - Zone i84 - Stg2 - Bulk and Detail excavation	1d	20-Jul-23	20-Jul-23	94d
DP-I84-CW-2200	Civil Works - Zone i84 - Stg2 - Flooding and compact subgrade	1d	21-Jul-23	21-Jul-23	94d
DP-I84-CW-2220	Civil Works - Zone i84 - Stg2 - Install CSR conduits and Pits	1d	24-Jul-23	24-Jul-23	95d
DP-I84-CW-2240	Civil Works - Zone i84 - Stg2 - Place and Compact Type 2.1 Road base	1d	25-Jul-23	25-Jul-23	94d
DP-I84-CW-2320	Civil Works - Zone i84 - Stg2 - Final trim and survey	1d	26-Jul-23	26-Jul-23	94d
DP-I84-CW-2260	Civil Works - Zone i84 - Stg2 - Spray bitumen chip seal	1d	27-Jul-23	27-Jul-23	94d
Civil Works - Track		3d	28-Jul-23	31-Jul-23	94d
DP-I84-TW-1355	Track Works - Zone i84 - Stg2 - Install/weld rail, Rail Systems Loop and form/reo	1d	28-Jul-23	28-Jul-23	94d
DP-I84-TW-1395	Track Works - Zone i84 - Stg2 - Perform electrical continunity testing/hold points	1d	29-Jul-23	29-Jul-23	94d
DP-I84-TW-1415	Track Works - Zone i84 - Stg2 - Pour concrete and complete finishes	1d	31-Jul-23	31-Jul-23	94d
Civil Works - Reinstate Track Verge		3d	01-Aug-23	03-Aug-23	94d
DP-I84-CW-2280	Civil Works - Zone i84 - Stg2 - Place and Compact Type 2.1 Road Base	1d	01-Aug-23	01-Aug-23	94d
DP-I84-CW-2480	Civil Works - Zone i84 - Stg2 - Place asphalt (Incl Primer Seal)	2d	02-Aug-23	03-Aug-23	94d
Civil Works - Finishing		9d	04-Aug-23	19-Aug-23	336d
DP-I84-CW-5020	Civil Works - Zone i84 - Finishing - Final Asphalt Wearing Course	1d	04-Aug-23	04-Aug-23	342d
DP-I84-CW-5040	Civil Works - Zone i84 - Finishing - Pavement Marking	2d	18-Aug-23	19-Aug-23	336d
Traffic Control Systems (TCS)		34d	15-Jun-23	29-Jul-23	269d
DP-I84-TCS-1000	Signal Works - Zone i84 - Stg1 - Install Pits and Conduits	1d	15-Jun-23	15-Jun-23	95d
DP-I84-TCS-1040	Signal Works - Zone i84 - Footings - Excav/Reo/Pour/Cure	5d	11-Jul-23	17-Jul-23	261d
DP-I84-TCS-1060	Signal Works - Zone i84 - Install Poles, Cables and Lanterns	4d	18-Jul-23	21-Jul-23	269d
DP-I84-TCS-1020	Signal Works - Zone i84 - Stg2 - Install Pits and Conduits	1d	24-Jul-23	24-Jul-23	94d
DP-I84-TCS-1080	Signal Works - Zone i84 - Install Traffic Detector Loops and Calbes (Nights)	4d	24-Jul-23	27-Jul-23	269d
DP-I84-TCS-1100	Signal Works - Zone i84 - Install TCS Cabinets	1d	28-Jul-23	28-Jul-23	269d
DP-I84-TCS-1120	Signal Works - Zone i84 - Install LRV Personality	1d	29-Jul-23	29-Jul-23	269d
Traction Power & Overhead Line		280d	28-Jun-23	24-Sep-24	25d
CSR Cabling		236d	28-Jun-23	22-Jul-24	69d
Track-to-Track		29d	28-Jun-23	04-Aug-23	264d
DP-I84-BC-1000	Traction Power - Zone i84 - Stg1 - Connect Bond to Studs	1d	28-Jun-23	28-Jun-23	291d
DP-I84-BC-1020	Traction Power - Zone i84 - Stg2 - Connect Bond to Studs	1d	04-Aug-23	04-Aug-23	264d
Pit-to-Pit		44d	21-May-24	22-Jul-24	69d



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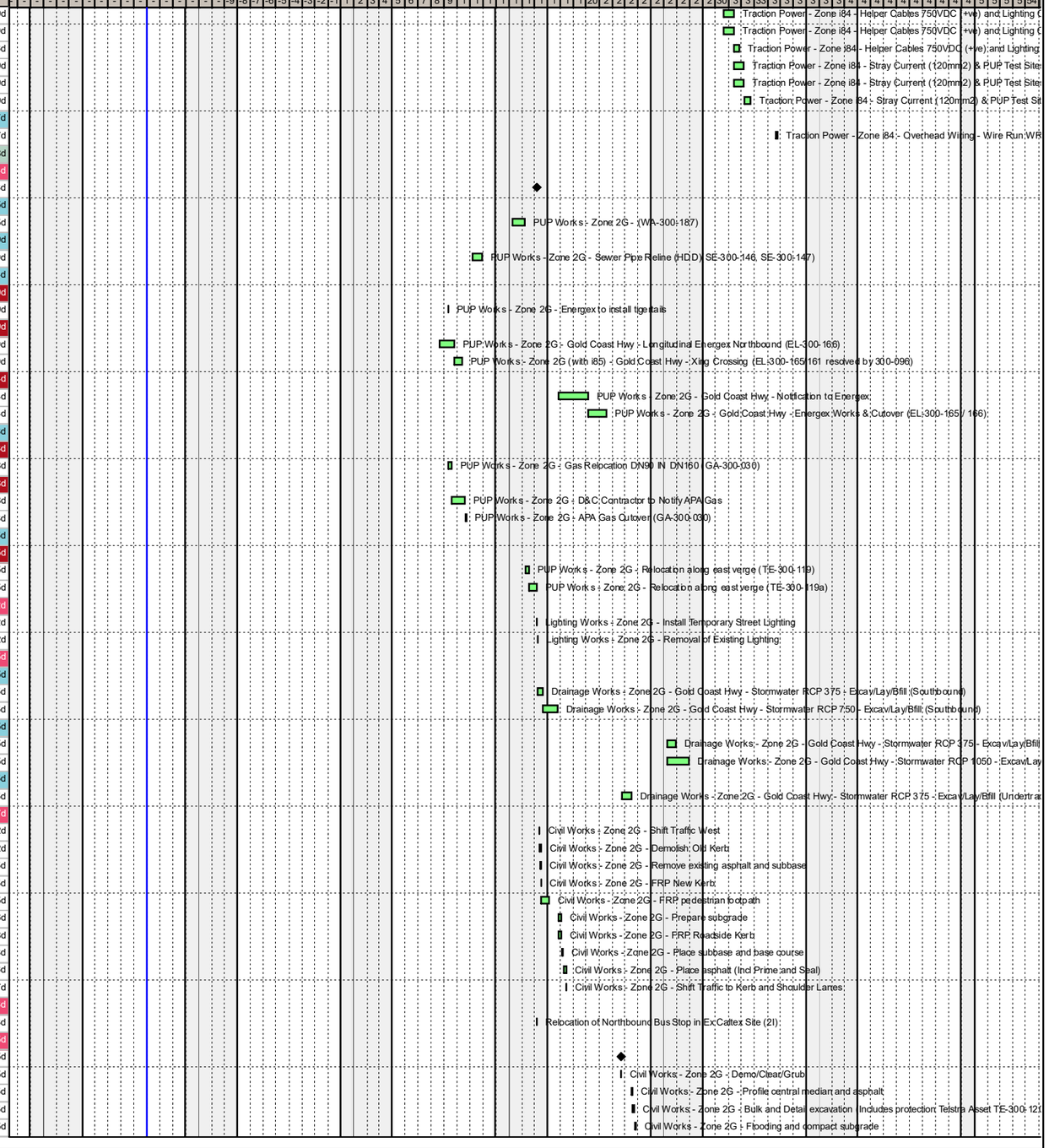
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-i84-HC-1020	Traction Power - Zone i84 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 1) - Pull Cable (Incl Fit Ou	16d	21-May-24	13-Jun-24	69d
DP-i84-HC-1040	Traction Power - Zone i84 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 2) - Pull Cable (Incl Fit Ou	16d	21-May-24	13-Jun-24	69d
DP-i84-HC-1060	Traction Power - Zone i84 - Helper Cables 750VDC (+ve) and Lighting Cables(Stage 2) - Test & Terminate at P	11d	14-Jun-24	26-Jun-24	86d
DP-i84-ST-1000	Traction Power - Zone i84 - Stray Current (120mm2) & PUP Test Sites(Stage 1) - Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	69d
DP-i84-ST-1040	Traction Power - Zone i84 - Stray Current (120mm2) & PUP Test Sites(Stage 2) - Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	69d
DP-i84-ST-1060	Traction Power - Zone i84 - Stray Current (120mm2) & PUP Test Sites(Stage 2) - Test & Terminate at Pit	11d	08-Jul-24	22-Jul-24	69d
Overhead Line		4d	20-Sep-24	24-Sep-24	17d
DP-I84-OH-1040	Traction Power - Zone i84 - Overhead Wiring - Wire Run WR15/16 & QA	4d	20-Sep-24	24-Sep-24	17d
Zone 2G (Ch 39,555 - 39,735) - 180m		548d	21-Jul-22	15-Oct-24	158d
Public Utilities Plant Works		264d	21-Jul-22	17-Aug-23	254d
DP-2G-MS-1000	PUP Works - Zone 2G - Conduits and Pipes Complete - Civil work to Commence	0d		07-Mar-23	103d
CoGC - Water		18d	10-Jan-23	07-Feb-23	95d
DP-2G-WT-1060	PUP Works - Zone 2G - (WA-300-187)	18d	10-Jan-23	07-Feb-23	95d
CoGC - Sewer		17d	07-Oct-22	29-Oct-22	19d
DP-2G-SW-1020	PUP Works - Zone 2G - Sewer Pipe Reline (HDD)(SE-300-146, SE-300-147)	17d	07-Oct-22	29-Oct-22	19d
Energex		264d	21-Jul-22	17-Aug-23	254d
Pre-Works		1d	10-Aug-22	10-Aug-22	209d
DP-2G-EG-1350	PUP Works - Zone 2G - Energex to install tigertails	1d	10-Aug-22	10-Aug-22	209d
Conduits & Pits		37d	21-Jul-22	12-Sep-22	79d
DP-2G-EG-1020	PUP Works - Zone 2G - Gold Coast Hwy - Longitudinal Energex Northbound (EL-300-166)	25d	21-Jul-22	24-Aug-22	79d
DP-2G-EG-1000	PUP Works - Zone 2G (with i85) - Gold Coast Hwy - Xing Crossing (EL-300-165/161 resolved by 300-096)	12d	25-Aug-22	12-Sep-22	79d
Energex Works		80d	27-Apr-23	17-Aug-23	254d
DP-2G-EG-2000	PUP Works - Zone 2G - Gold Coast Hwy - Notification to Energex	50d	27-Apr-23	06-Jul-23	254d
DP-2G-EG-2010	PUP Works - Zone 2G - Gold Coast Hwy - Energex Works & Cutover (EL-300-165 / 166)	30d	07-Jul-23	17-Aug-23	254d
APA Gas		32d	10-Aug-22	22-Sep-22	188d
Protect / Relocate		8d	10-Aug-22	19-Aug-22	188d
DP-2G-GA-1000	PUP Works - Zone 2G - Gas Relocation DN90 IN DN160 (GA-300-030)	8d	10-Aug-22	19-Aug-22	188d
Cutover		24d	20-Aug-22	22-Sep-22	188d
DP-2G-GA-1180	PUP Works - Zone 2G - D&C Contractor to Notify APA Gas	21d	20-Aug-22	19-Sep-22	188d
DP-2G-GA-1200	PUP Works - Zone 2G - APA Gas Cutover (GA-300-030)	3d	20-Sep-22	22-Sep-22	188d
Telstra		17d	08-Feb-23	07-Mar-23	95d
Relocate Conduits & Cable Pull		17d	08-Feb-23	07-Mar-23	95d
DP-2G-TLS-1560	PUP Works - Zone 2G - Relocation along east verge (TE-300-119)	6d	08-Feb-23	17-Feb-23	95d
DP-2G-TLS-1580	PUP Works - Zone 2G - Relocation along east verge (TE-300-119a)	11d	18-Feb-23	07-Mar-23	95d
Street Lighting Relocations		3d	08-Mar-23	10-Mar-23	122d
DP-2G-Stl-1000	Lighting Works - Zone 2G - Install Temporary Street Lighting	1d	08-Mar-23	08-Mar-23	122d
DP-2G-Stl-1020	Lighting Works - Zone 2G - Removal of Existing Lighting	2d	09-Mar-23	10-Mar-23	122d
Stormwater Drainage		213d	09-Mar-23	27-Feb-24	95d
Southbound		24d	09-Mar-23	26-Apr-23	95d
DP-2G-DR-1600	Drainage Works - Zone 2G - Gold Coast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (Southbound)	7d	09-Mar-23	21-Mar-23	95d
DP-2G-DR-2220	Drainage Works - Zone 2G - Gold Coast Hwy - Stormwater RCP 750 - Excav/Lay/Bfill (Southbound)	17d	22-Mar-23	26-Apr-23	95d
Northbound		29d	09-Jan-24	27-Feb-24	95d
DP-2G-DR-1580	Drainage Works - Zone 2G - Gold Coast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (Northbound)	11d	09-Jan-24	29-Jan-24	95d
DP-2G-DR-2240	Drainage Works - Zone 2G - Gold Coast Hwy - Stormwater RCP 1050 - Excav/Lay/Bfill (Northbound)	29d	09-Jan-24	27-Feb-24	95d
Undertrack		15d	23-Sep-23	16-Oct-23	95d
DP-2G-DR-1620	Drainage Works - Zone 2G - Gold Coast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (Undertrack)	15d	23-Sep-23	16-Oct-23	95d
Civil Works - Finishing Kerbs and Southbound Lanes		43d	13-Mar-23	16-May-23	97d
DP-2G-CW-1520	Civil Works - Zone 2G - Shift Traffic West	1d	13-Mar-23	13-Mar-23	122d
DP-2G-CW-1540	Civil Works - Zone 2G - Demolish Old Kerb	4d	14-Mar-23	17-Mar-23	122d
DP-2G-CW-1720	Civil Works - Zone 2G - Remove existing asphalt and subbase	2d	16-Mar-23	17-Mar-23	115d
DP-2G-CW-1480	Civil Works - Zone 2G - FRP New Kerb	0d	18-Mar-23	18-Mar-23	115d
DP-2G-CW-1740	Civil Works - Zone 2G - FRP pedestrian footpath	12d	18-Mar-23	04-Apr-23	115d
DP-2G-CW-2120	Civil Works - Zone 2G - Prepare subgrade	4d	27-Apr-23	03-May-23	96d
DP-2G-CW-1560	Civil Works - Zone 2G - FRP Roadside Kerb	5d	27-Apr-23	04-May-23	98d
DP-2G-CW-1620	Civil Works - Zone 2G - Place subbase and base course	2d	05-May-23	08-May-23	98d
DP-2G-CW-1420	Civil Works - Zone 2G - Place asphalt (Incl Prime and Seal)	5d	09-May-23	15-May-23	96d
DP-2G-CW-1500	Civil Works - Zone 2G - Shift Traffic to Kerb and Shoulder Lanes	1d	16-May-23	16-May-23	97d
Relocation of Bus Stop		1d	08-Mar-23	08-Mar-23	103d
DP-2G-DR-2040	Relocation of Northbound Bus Stop in Ex Caltex Site (2I)	1d	08-Mar-23	08-Mar-23	103d
Civil Works - Rail Corridor		34d	21-Sep-23	13-Nov-23	95d
DP-2G-CW-1000	Civil Works - Zone 2G - Shift Traffic to Kerb and Shoulder Lanes	0d		21-Sep-23	95d
DP-2G-CW-1040	Civil Works - Zone 2G - Demo/Clear/Grub	1d	22-Sep-23	22-Sep-23	95d
DP-2G-CW-2100	Civil Works - Zone 2G - Profile central median and asphalt	1d	17-Oct-23	17-Oct-23	95d
DP-2G-CW-1100	Civil Works - Zone 2G - Bulk and Detail excavation (Includes protection Telstra Asset TE-300-120)	5d	18-Oct-23	23-Oct-23	95d
DP-2G-CW-1120	Civil Works - Zone 2G - Flooding and compact subgrade	3d	24-Oct-23	27-Oct-23	95d



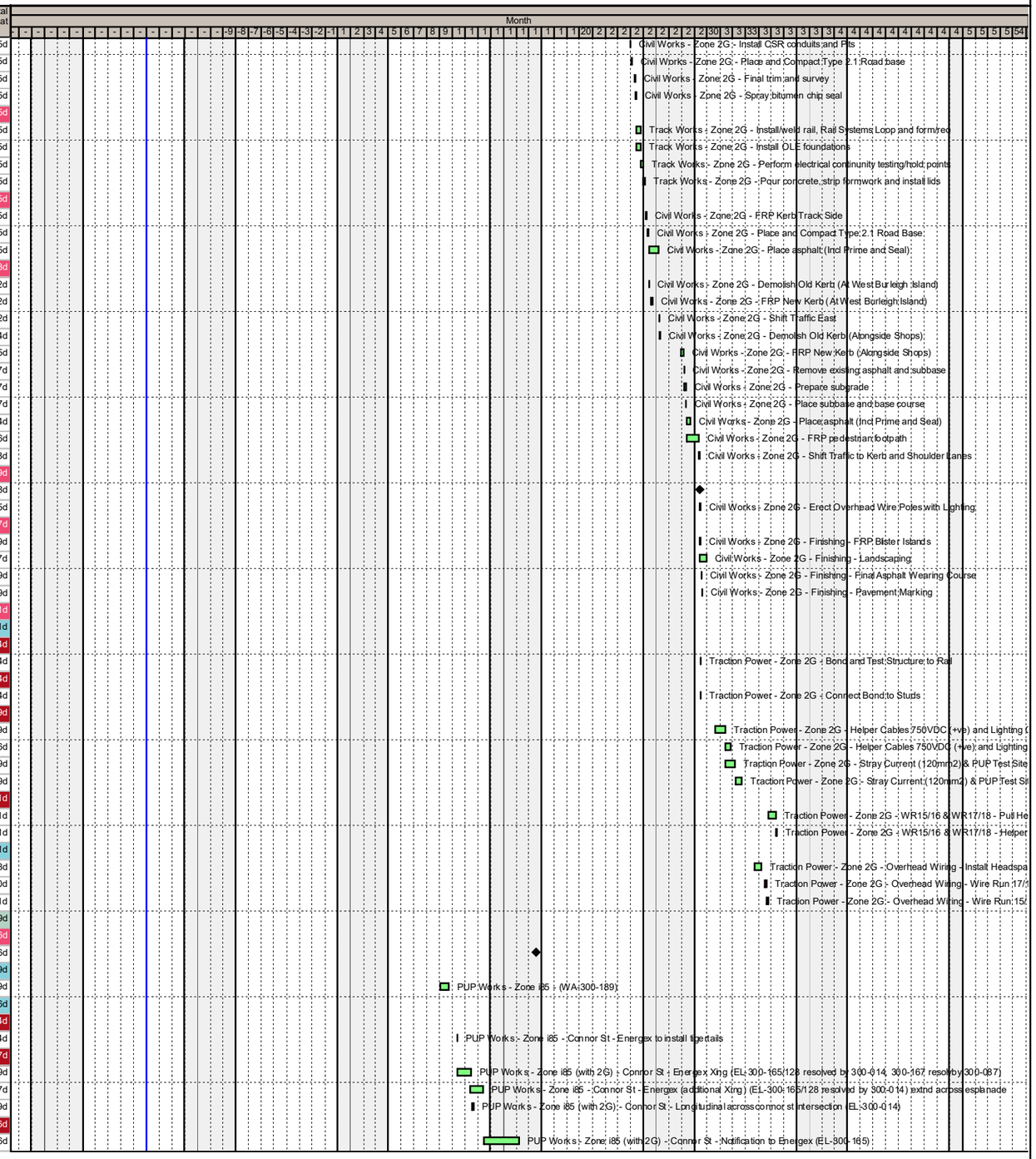
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2G-CW-1140	Civil Works - Zone 2G - Install CSR conduits and Pits	2d	30-Oct-23	31-Oct-23	95d
DP-2G-CW-1160	Civil Works - Zone 2G - Place and Compact Type 2.1 Road base	3d	01-Nov-23	03-Nov-23	95d
DP-2G-CW-1360	Civil Works - Zone 2G - Final trim and survey	3d	09-Nov-23	11-Nov-23	95d
DP-2G-CW-1180	Civil Works - Zone 2G - Spray bitumen chip seal	1d	13-Nov-23	13-Nov-23	95d
Civil Works - Track		13d	14-Nov-23	05-Dec-23	95d
DP-2G-TW-1000	Track Works - Zone 2G - Install/weld rail, Rail Systems Loop and form/reo	6d	14-Nov-23	23-Nov-23	95d
DP-2G-TW-1020	Track Works - Zone 2G - Install OLE foundations	6d	14-Nov-23	23-Nov-23	95d
DP-2G-TW-1040	Track Works - Zone 2G - Perform electrical continunity testing/hold points	2d	24-Nov-23	29-Nov-23	95d
DP-2G-TW-1080	Track Works - Zone 2G - Pour concrete, strip formwork and install lids	5d	30-Nov-23	05-Dec-23	95d
Civil Works - Reinstate Track Verge		11d	07-Dec-23	05-Jan-24	95d
DP-2G-CW-2180	Civil Works - Zone 2G - FRP Kerb Track Side	3d	07-Dec-23	09-Dec-23	95d
DP-2G-CW-1200	Civil Works - Zone 2G - Place and Compact Type 2.1 Road Base	2d	11-Dec-23	12-Dec-23	95d
DP-2G-CW-1700	Civil Works - Zone 2G - Place asphalt (Incl Prime and Seal)	6d	14-Dec-23	05-Jan-24	95d
Civil Works - Finishing Kerbs and Northbound Lanes		73d	15-Dec-23	12-Apr-24	98d
DP-2G-CW-1900	Civil Works - Zone 2G - Demolish Old Kerb (At West Burleigh Island)	1d	15-Dec-23	15-Dec-23	112d
DP-2G-CW-1920	Civil Works - Zone 2G - FRP New Kerb (At West Burleigh Island)	5d	18-Dec-23	22-Dec-23	112d
DP-2G-CW-2260	Civil Works - Zone 2G - Shift Traffic East	1d	08-Jan-24	08-Jan-24	112d
DP-2G-CW-1940	Civil Works - Zone 2G - Demolish Old Kerb (Alongside Shops)	1d	09-Jan-24	09-Jan-24	144d
DP-2G-CW-1960	Civil Works - Zone 2G - FRP New Kerb (Alongside Shops)	5d	28-Feb-24	05-Mar-24	105d
DP-2G-CW-1820	Civil Works - Zone 2G - Remove existing asphalt and subbase	1d	07-Mar-24	07-Mar-24	97d
DP-2G-CW-1840	Civil Works - Zone 2G - Prepare subgrade	3d	08-Mar-24	11-Mar-24	97d
DP-2G-CW-1880	Civil Works - Zone 2G - Place subbase and base course	1d	12-Mar-24	12-Mar-24	107d
DP-2G-CW-1760	Civil Works - Zone 2G - Place asphalt (Incl Prime and Seal)	4d	13-Mar-24	21-Mar-24	104d
DP-2G-CW-2240	Civil Works - Zone 2G - FRP pedestrian footpath	12d	13-Mar-24	11-Apr-24	96d
DP-2G-CW-1780	Civil Works - Zone 2G - Shift Traffic to Kerb and Shoulder Lanes	1d	12-Apr-24	12-Apr-24	98d
Civil Works - System Fitout		1d	12-Apr-24	15-Apr-24	99d
DP-2G-CW-1640	Civil Works - Zone 2G - Shift traffic to permanent alignment (night works)	0d		12-Apr-24	98d
DP-2G-CW-1660	Civil Works - Zone 2G - Erect Overhead Wire Poles with Lighting	2d	13-Apr-24	15-Apr-24	95d
Civil Works - Finishing		12d	13-Apr-24	30-Apr-24	247d
DP-2G-CW-5000	Civil Works - Zone 2G - Finishing - FRP Blister Islands	3d	13-Apr-24	16-Apr-24	209d
DP-2G-CW-5060	Civil Works - Zone 2G - Finishing - Landscaping	12d	13-Apr-24	30-Apr-24	247d
DP-2G-CW-5020	Civil Works - Zone 2G - Finishing - Final Asphalt Wearing Course	1d	18-Apr-24	18-Apr-24	209d
DP-2G-CW-5040	Civil Works - Zone 2G - Finishing - Pavement Marking	2d	19-Apr-24	20-Apr-24	209d
Traction Power & Overhead Line		124d	16-Apr-24	15-Oct-24	11d
CSR Cabling		124d	16-Apr-24	15-Oct-24	11d
Structure-to-Track		1d	16-Apr-24	16-Apr-24	134d
DP-2G-BC-1580	Traction Power - Zone 2G - Bond and Test Structure to Rail	1d	16-Apr-24	16-Apr-24	134d
Track-to-Track		1d	16-Apr-24	16-Apr-24	134d
DP-2G-BC-1000	Traction Power - Zone 2G - Connect Bond to Studs	1d	16-Apr-24	16-Apr-24	134d
Pit-to-Pit		44d	21-May-24	22-Jul-24	69d
DP-2G-HC-1020	Traction Power - Zone 2G - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	69d
DP-2G-HC-1040	Traction Power - Zone 2G - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	14-Jun-24	26-Jun-24	86d
DP-2G-ST-1000	Traction Power - Zone 2G - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	69d
DP-2G-ST-1020	Traction Power - Zone 2G - Stray Current (120mm2) & PUP Test Sites- Test & Termimate at Pit	11d	08-Jul-24	22-Jul-24	69d
Pit-to-OLE		14d	25-Sep-24	15-Oct-24	11d
DP-2G-HC-1600	Traction Power - Zone 2G - WR15/16 & WR17/18 - Pull Helper Cables & Bonding from Pit to OHL	11d	25-Sep-24	11-Oct-24	11d
DP-2G-HC-1620	Traction Power - Zone 2G - WR15/16 & WR17/18 - Helper Cable & Bonding - Test & Terminate	3d	12-Oct-24	15-Oct-24	11d
Overhead Line		23d	22-Aug-24	24-Sep-24	11d
DP-2G-OH-1020	Traction Power - Zone 2G - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	11d	22-Aug-24	07-Sep-24	18d
DP-2G-OH-1100	Traction Power - Zone 2G - Overhead Wiring - Wire Run 17/18 & QA	4d	16-Sep-24	19-Sep-24	10d
DP-2G-OH-1040	Traction Power - Zone 2G - Overhead Wiring - Wire Run 15/16 & QA	4d	20-Sep-24	24-Sep-24	11d
Zone i85 Intersection - Med Term Closure - Connor St (Ch 39,735 - 39,770) - 35m		522d	03-Aug-22	19-Sep-24	119d
Public Utilities Plant Works		151d	03-Aug-22	20-Mar-23	196d
DP-I85-MS-1000	PUP Works - Zone i85 - Conduits and Pipes Complete - Civil work to Commence	0d		20-Mar-23	196d
CoGC - Water		14d	03-Aug-22	23-Aug-22	29d
DP-I85-WT-1070	PUP Works - Zone i85 - (WA-300-189)	14d	03-Aug-22	23-Aug-22	29d
Energex		123d	13-Sep-22	20-Mar-23	196d
Pre-Works		1d	13-Sep-22	13-Sep-22	114d
DP-I85-EG-1480	PUP Works - Zone i85 - Connor St - Energex to install tigertails	1d	13-Sep-22	13-Sep-22	114d
Conduits & Pits		41d	13-Sep-22	12-Nov-22	97d
DP-I85-EG-1000	PUP Works - Zone i85 (with 2G) - Connor St - Energex Xing (EL-300-165/128 resolved by 300-014, 300-167 r	23d	13-Sep-22	15-Oct-22	79d
DP-I85-EG-1030	PUP Works - Zone i85 - Connor St - Energex (additional Xing) (EL-300-165/128 resolved by 300-014) extnd ac	21d	13-Oct-22	12-Nov-22	97d
DP-I85-EG-1020	PUP Works - Zone i85 (with 2G) - Connor St - Longitudinal across connor st intersection (EL-300-014)	4d	17-Oct-22	20-Oct-22	79d
Energex Works		80d	14-Nov-22	20-Mar-23	196d
DP-I85-EG-2000	PUP Works - Zone i85 (with 2G) - Connor St - Notification to Energex (EL-300-165)	50d	14-Nov-22	06-Feb-23	196d



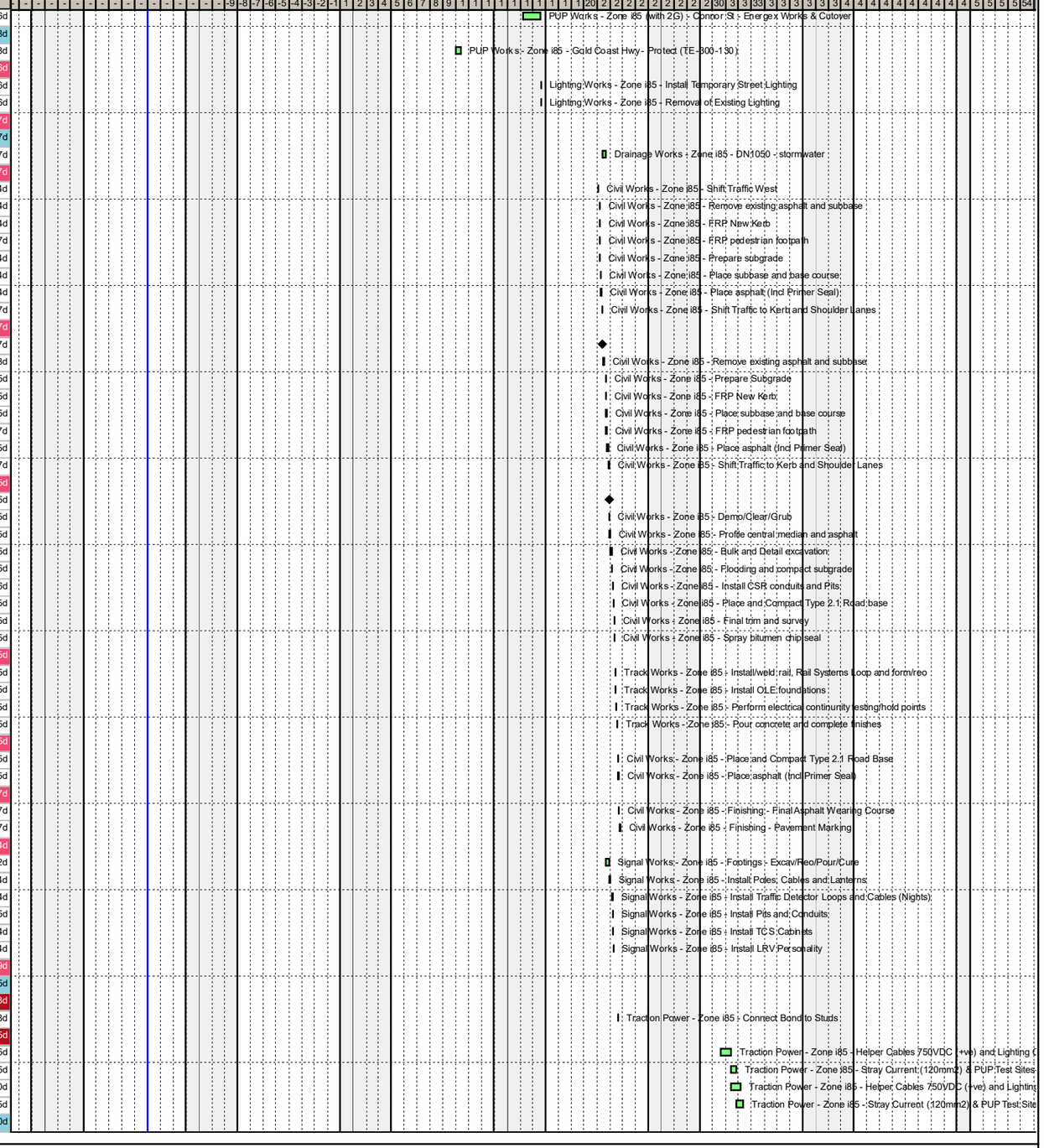
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I85-EG-2010	PUP Works - Zone i85 (with 2G) - Connor St - Energex Works & Cutover	30d	07-Feb-23	20-Mar-23	196d
Telstra		10d	31-Aug-22	13-Sep-22	318d
DP-I85-TLS-1000	PUP Works - Zone i85 - Gold Coast Hwy - Protect (TE-300-130)	10d	31-Aug-22	13-Sep-22	318d
Street Lighting Relocations		2d	21-Mar-23	22-Mar-23	196d
DP-I85-Stl-1000	Lighting Works - Zone i85 - Install Temporary Street Lighting	1d	21-Mar-23	21-Mar-23	196d
DP-I85-Stl-1020	Lighting Works - Zone i85 - Removal of Existing Lighting	1d	22-Mar-23	22-Mar-23	196d
Stormwater Drainage		5d	15-Aug-23	21-Aug-23	107d
Northbound		5d	15-Aug-23	21-Aug-23	107d
DP-I85-DR-2040	Drainage Works - Zone i85 - DN1050 - stormwater	5d	15-Aug-23	21-Aug-23	107d
Civil Works - Finishing Kerbs and Southbound Lanes		7d	04-Aug-23	14-Aug-23	107d
DP-I85-CW-1520	Civil Works - Zone i85 - Shift Traffic West	1d	04-Aug-23	04-Aug-23	104d
DP-I85-CW-1720	Civil Works - Zone i85 - Remove existing asphalt and subbase	1d	07-Aug-23	07-Aug-23	94d
DP-I85-CW-1480	Civil Works - Zone i85 - FRP New Kerb	0d	08-Aug-23	08-Aug-23	94d
DP-I85-CW-1740	Civil Works - Zone i85 - FRP pedestrian footpath	1d	08-Aug-23	08-Aug-23	97d
DP-I85-CW-2120	Civil Works - Zone i85 - Prepare subgrade	1d	08-Aug-23	08-Aug-23	94d
DP-I85-CW-1620	Civil Works - Zone i85 - Place subbase and base course	1d	09-Aug-23	09-Aug-23	94d
DP-I85-CW-1420	Civil Works - Zone i85 - Place asphalt (Incl Primer Seal)	2d	10-Aug-23	11-Aug-23	94d
DP-I85-CW-1500	Civil Works - Zone i85 - Shift Traffic to Kerb and Shoulder Lanes	1d	14-Aug-23	14-Aug-23	107d
Civil Works - Finishing Kerbs and Northbound Lanes		10d	14-Aug-23	29-Aug-23	107d
DP-I85-CW-1800	Civil Works - Zone i85 - Shift Traffic East	0d		14-Aug-23	107d
DP-I85-CW-1820	Civil Works - Zone i85 - Remove existing asphalt and subbase	1d	17-Aug-23	17-Aug-23	98d
DP-I85-CW-1840	Civil Works - Zone i85 - Prepare Subgrade	1d	22-Aug-23	22-Aug-23	95d
DP-I85-CW-2140	Civil Works - Zone i85 - FRP New Kerb	0d	23-Aug-23	23-Aug-23	95d
DP-I85-CW-1880	Civil Works - Zone i85 - Place subbase and base course	1d	23-Aug-23	23-Aug-23	95d
DP-I85-CW-2160	Civil Works - Zone i85 - FRP pedestrian footpath	1d	23-Aug-23	23-Aug-23	97d
DP-I85-CW-1760	Civil Works - Zone i85 - Place asphalt (Incl Primer Seal)	2d	24-Aug-23	28-Aug-23	95d
DP-I85-CW-1780	Civil Works - Zone i85 - Shift Traffic to Kerb and Shoulder Lanes	1d	29-Aug-23	29-Aug-23	107d
Civil Works - Rail Corridor		10d	29-Aug-23	12-Sep-23	95d
DP-I85-CW-1000	Civil Works - Zone i85 - Shift Traffic to Kerb and Shoulder Lanes	0d		29-Aug-23	95d
DP-I85-CW-1040	Civil Works - Zone i85 - Demo/Clear/Grub	1d	30-Aug-23	30-Aug-23	95d
DP-I85-CW-2100	Civil Works - Zone i85 - Profile central median and asphalt	1d	31-Aug-23	31-Aug-23	95d
DP-I85-CW-1100	Civil Works - Zone i85 - Bulk and Detail excavation	2d	01-Sep-23	05-Sep-23	95d
DP-I85-CW-1120	Civil Works - Zone i85 - Flooding and compact subgrade	1d	06-Sep-23	06-Sep-23	95d
DP-I85-CW-1140	Civil Works - Zone i85 - Install CSR conduits and Pits	1d	07-Sep-23	07-Sep-23	96d
DP-I85-CW-1160	Civil Works - Zone i85 - Place and Compact Type 2.1 Road base	1d	09-Sep-23	09-Sep-23	95d
DP-I85-CW-1360	Civil Works - Zone i85 - Final trim and survey	1d	11-Sep-23	11-Sep-23	95d
DP-I85-CW-1180	Civil Works - Zone i85 - Spray bitumen chip seal	1d	12-Sep-23	12-Sep-23	95d
Civil Works - Track		3d	14-Sep-23	18-Sep-23	95d
DP-I85-TW-1000	Track Works - Zone i85 - Install/weld rail, Rail Systems Loop and form/reo	1d	14-Sep-23	14-Sep-23	95d
DP-I85-TW-1020	Track Works - Zone i85 - Install OLE foundations	1d	14-Sep-23	14-Sep-23	95d
DP-I85-TW-1040	Track Works - Zone i85 - Perform electrical continunity testing/hold points	1d	15-Sep-23	15-Sep-23	95d
DP-I85-TW-1080	Track Works - Zone i85 - Pour concrete and complete finishes	1d	18-Sep-23	18-Sep-23	95d
Civil Works - Reinstate Track Verge		3d	19-Sep-23	21-Sep-23	95d
DP-I85-CW-1200	Civil Works - Zone i85 - Place and Compact Type 2.1 Road Base	1d	19-Sep-23	19-Sep-23	95d
DP-I85-CW-1700	Civil Works - Zone i85 - Place asphalt (Incl Primer Seal)	2d	20-Sep-23	21-Sep-23	95d
Civil Works - Finishing		3d	22-Sep-23	25-Sep-23	317d
DP-I85-CW-5020	Civil Works - Zone i85 - Finishing - Final Asphalt Wearing Course	1d	22-Sep-23	22-Sep-23	317d
DP-I85-CW-5040	Civil Works - Zone i85 - Finishing - Pavement Marking	2d	23-Sep-23	25-Sep-23	317d
Traffic Control Systems (TCS)		12d	23-Aug-23	09-Sep-23	244d
DP-I85-TCS-1040	Signal Works - Zone i85 - Footings - Excav/Reo/Pour/Cure	4d	23-Aug-23	29-Aug-23	232d
DP-I85-TCS-1060	Signal Works - Zone i85 - Install Poles, Cables and Lanterns	3d	30-Aug-23	01-Sep-23	244d
DP-I85-TCS-1080	Signal Works - Zone i85 - Install Traffic Detector Loops and Cables (Nights)	3d	05-Sep-23	07-Sep-23	244d
DP-I85-TCS-1000	Signal Works - Zone i85 - Install Pits and Conduits	2d	07-Sep-23	08-Sep-23	95d
DP-I85-TCS-1100	Signal Works - Zone i85 - Install TCS Cabinets	1d	08-Sep-23	08-Sep-23	244d
DP-I85-TCS-1120	Signal Works - Zone i85 - Install LRV Personality	1d	09-Sep-23	09-Sep-23	244d
Traction Power & Overhead Line		220d	19-Sep-23	19-Sep-24	29d
CSR Cabling		174d	19-Sep-23	12-Jul-24	75d
Track-to-Track		1d	19-Sep-23	19-Sep-23	248d
DP-I85-BC-1020	Traction Power - Zone i85 - Connect Bond to Studs	1d	19-Sep-23	19-Sep-23	248d
Pit-to-Pit		38d	21-May-24	12-Jul-24	75d
DP-I85-HC-1060	Traction Power - Zone i85 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	75d
DP-I85-HC-1020	Traction Power - Zone i85 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	11d	14-Jun-24	26-Jun-24	75d
DP-I85-HC-1040	Traction Power - Zone i85 - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	17d	14-Jun-24	05-Jul-24	80d
DP-I85-ST-1000	Traction Power - Zone i85 - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	11d	27-Jun-24	12-Jul-24	75d
Overhead Line		4d	16-Sep-24	19-Sep-24	10d



Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-i85-OH-1040	Traction Power - Zone i85 - Overhead Wiring - Wire Run 17/18 & QA	4d	16-Sep-24	19-Sep-24	10d
Zone 2H (Ch 39,770 - 39,906) - 136m		515d	24-Aug-22	01-Oct-24	167d
Public Utilities Plant Works		260d	24-Aug-22	15-Sep-23	235d
DP-2H-MS-1000	PUP Works - Zone 2H - Conduits and Pipes Complete - Civil work to Commence	0d		07-Mar-23	261d
CoGC - Water		8d	24-Aug-22	06-Sep-22	29d
DP-2H-WT-1000	PUP Works - Zone 2H - (WA-300-190)	8d	24-Aug-22	06-Sep-22	29d
Sewer		1d	23-Jan-23	23-Jan-23	291d
DP-2H-SW-1000	PUP Works - Zone 2H - Protect asset 200DICL x 24m (SE-300-148)	1d	23-Jan-23	23-Jan-23	291d
Energex		164d	21-Jan-23	15-Sep-23	235d
Pre-Works		1d	23-Jan-23	23-Jan-23	82d
DP-2H-EG-1560	PUP Works - Zone i86 (with 2H) - Gold Coast Hwy - Energex to install tigertails	1d	23-Jan-23	23-Jan-23	82d
Conduits & Pits		29d	21-Jan-23	07-Mar-23	70d
DP-2H-EG-1000	PUP Works - Zone 2H (with i86) - Gold Coast Hwy - Energex Northbound (EL-300-014)	2d	21-Jan-23	23-Jan-23	70d
DP-2H-EG-1020	PUP Works - Zone 2H (with i86) - Gold Coast Hwy - Energex Northbound (EL-300-014)	5d	24-Jan-23	31-Jan-23	70d
DP-2H-EG-1030	PUP Works - Zone 2H (with i86) - Gold Coast Hwy - Energex Northbound (EL-300-014)	1d	02-Feb-23	02-Feb-23	70d
DP-2H-EG-1040	PUP Works - Zone 2H (with i86) - Gold Coast Hwy - Energex Northbound (EL-300-014, EL-300-165, EL-300-	18d	03-Feb-23	02-Mar-23	70d
DP-2H-EG-1050	PUP Works - Zone 2H (with i86) - Gold Coast Hwy - Energex Northbound (EL-300-014)	3d	03-Mar-23	07-Mar-23	70d
Energex Works		80d	26-May-23	15-Sep-23	235d
DP-2H-EG-2000	PUP Works - Zone 2H - Gold Coast Hwy - Notification to Energex	50d	26-May-23	03-Aug-23	235d
DP-2H-EG-2010	PUP Works - Zone 2H - Gold Coast Hwy - Energex Works & Cutover (EL-300-014 / 165 / 128 / 096)	30d	04-Aug-23	15-Sep-23	235d
Street Lighting Relocations		2d	08-Mar-23	09-Mar-23	261d
DP-2H-Stl-1000	Lighting Works - Zone 2H - Install Temporary Street Lighting	1d	08-Mar-23	08-Mar-23	261d
DP-2H-Stl-1020	Lighting Works - Zone 2H - Removal of Existing Lighting	1d	09-Mar-23	09-Mar-23	261d
Footpath in Memorial Park & Bus Relocation		16d	24-Oct-22	17-Nov-22	98d
DP-2H-CW-2040	Build New Footpath in Memorial Park (Permanent/Temporary Pending Design)	16d	24-Oct-22	17-Nov-22	98d
Stormwater Drainage		64d	23-Sep-23	16-Jan-24	103d
Northbound		16d	23-Sep-23	17-Oct-23	104d
DP-2H-DR-1680	Drainage Works - Zone 2H - Gold Coast Hwy - Stormwater RCP 450/600 - Excav/Lay/Bfill (Northbound)	16d	23-Sep-23	17-Oct-23	104d
Crossing		6d	18-Oct-23	24-Oct-23	104d
DP-2H-DR-1700	Drainage Works - Zone 2H - Gold Coast Hwy - Stormwater RCP 525 - Excav/Lay/Bfill (Crossing)(night)	2d	18-Oct-23	19-Oct-23	104d
DP-2H-DR-1740	Drainage Works - Zone 2H - Gold Coast Hwy - DN900 Stormwater Drainage (Crossing)(night)	4d	20-Oct-23	24-Oct-23	104d
Undertrack		13d	14-Dec-23	16-Jan-24	103d
DP-2H-DR-1660	Drainage Works - Zone 2H - Gold Coast Hwy - Stormwater RCP 450/525 - Excav/Lay/Bfill (Undertrack)	13d	14-Dec-23	16-Jan-24	103d
Civil Works - Finishing Kerbs and Northbound Lanes		41d	22-Sep-23	20-Nov-23	124d
DP-2H-CW-1800	Civil Works - Zone 2H - Shift Traffic East	1d	22-Sep-23	22-Sep-23	126d
DP-2H-CW-1820	Civil Works - Zone 2H - Remove existing asphalt and subbase	1d	23-Sep-23	23-Sep-23	125d
DP-2H-CW-1900	Civil Works - Zone 2H - Demolish Old Kerb	4d	25-Sep-23	28-Sep-23	144d
DP-2H-CW-1840	Civil Works - Zone 2H - Prepare subgrade	3d	26-Oct-23	30-Oct-23	104d
DP-2H-CW-1860	Civil Works - Zone 2H - FRP New Kerb	3d	31-Oct-23	02-Nov-23	104d
DP-2H-CW-1880	Civil Works - Zone 2H - Place subbase and base course	1d	03-Nov-23	03-Nov-23	130d
DP-2H-CW-2240	Civil Works - Zone 2H - FRP pedestrian footpath	8d	03-Nov-23	17-Nov-23	104d
DP-2H-CW-1760	Civil Works - Zone 2H - Place asphalt (Incl Prime and Seal)	4d	09-Nov-23	13-Nov-23	107d
DP-2H-CW-1780	Civil Works - Zone 2H - Shift Traffic to Kerb and Shoulder Lanes	1d	20-Nov-23	20-Nov-23	124d
Civil Works - Finishing Kerbs and Southbound Lanes		16d	20-Nov-23	12-Dec-23	122d
DP-2H-CW-1520	Civil Works - Zone 2H - Shift Traffic West	0d		20-Nov-23	124d
DP-2H-CW-1720	Civil Works - Zone 2H - Remove existing asphalt and subbase	1d	23-Nov-23	23-Nov-23	103d
DP-2H-CW-2120	Civil Works - Zone 2H - Prepare subgrade	2d	24-Nov-23	29-Nov-23	103d
DP-2H-CW-5080	Civil Works - Zone 2H - FRP New Kerb	3d	30-Nov-23	02-Dec-23	103d
DP-2H-CW-1620	Civil Works - Zone 2H - Place subbase and base course	1d	04-Dec-23	04-Dec-23	124d
DP-2H-CW-1740	Civil Works - Zone 2H - FRP pedestrian footpath	6d	04-Dec-23	11-Dec-23	103d
DP-2H-CW-1420	Civil Works - Zone 2H - Place asphalt (Incl Prime and Seal)	4d	05-Dec-23	09-Dec-23	104d
DP-2H-CW-1500	Civil Works - Zone 2H - Shift Traffic to Kerb and Shoulder Lanes	1d	12-Dec-23	12-Dec-23	122d
Civil Works - Rail Corridor		30d	12-Dec-23	15-Feb-24	103d
DP-2H-CW-1000	Civil Works - Zone 2H - Shift Traffic to Kerb and Shoulder Lanes	0d		12-Dec-23	103d
DP-2H-CW-1040	Civil Works - Zone 2H - Demo/Clear/Grub	1d	14-Dec-23	14-Dec-23	115d
DP-2H-CW-2100	Civil Works - Zone 2H - Profile central median and asphalt	1d	18-Jan-24	18-Jan-24	103d
DP-2H-CW-1100	Civil Works - Zone 2H - Bulk and Detail excavation	5d	19-Jan-24	30-Jan-24	103d
DP-2H-CW-1120	Civil Works - Zone 2H - Flooding and compact subgrade	3d	01-Feb-24	05-Feb-24	103d
DP-2H-CW-1140	Civil Works - Zone 2H - Install CSR conduits and Pits	2d	06-Feb-24	08-Feb-24	103d
DP-2H-CW-1160	Civil Works - Zone 2H - Place and Compact Type 2.1 Road base	2d	09-Feb-24	10-Feb-24	103d
DP-2H-CW-1360	Civil Works - Zone 2H - Final trim and survey	3d	12-Feb-24	14-Feb-24	103d
DP-2H-CW-1180	Civil Works - Zone 2H - Spray bitumen chip seal	1d	15-Feb-24	15-Feb-24	103d
Civil Works - Track		10d	16-Feb-24	07-Mar-24	103d
DP-2H-TW-1000	Track Works - Zone 2H - Install/weld rail, Rail Systems Loop and form/reo	4d	16-Feb-24	24-Feb-24	103d
DP-2H-TW-1020	Track Works - Zone 2H - Install OLE foundations	4d	16-Feb-24	24-Feb-24	103d



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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2H-TW-1040	Track Works - Zone 2H - Perform electrical continuity testing/hold points	2d	26-Feb-24	27-Feb-24	103d
DP-2H-TW-1080	Track Works - Zone 2H - Pour concrete, strip formwork and install lids	4d	29-Feb-24	07-Mar-24	103d
Civil Works - Reinstate Track Verge		9d	08-Mar-24	22-Mar-24	103d
DP-2H-CW-5100	Civil Works - Zone 2H - FRP Kerb Track Side	3d	08-Mar-24	11-Mar-24	103d
DP-2H-CW-1200	Civil Works - Zone 2H - Place and Compact Type 2.1 Road Base	1d	12-Mar-24	12-Mar-24	103d
DP-2H-CW-1700	Civil Works - Zone 2H - Place asphalt (Incl Prime and Seal)	5d	13-Mar-24	22-Mar-24	103d
Civil Works - System Fitout		2d	25-Mar-24	26-Mar-24	111d
DP-2H-CW-1640	Civil Works - Zone 2H - Shift traffic to permanent alignment (night works)	1d	25-Mar-24	25-Mar-24	111d
DP-2H-CW-1660	Civil Works - Zone 2H - Erect Overhead Wire Poles with Lighting	1d	26-Mar-24	26-Mar-24	102d
Civil Works - Finishing		53d	23-Mar-24	19-Jun-24	214d
DP-2H-CW-5000	Civil Works - Zone 2H - Finishing - FRP Blister Islands	3d	23-Mar-24	26-Mar-24	239d
DP-2H-CW-5060	Civil Works - Zone 2H - Finishing - Landscaping	10d	23-Mar-24	15-Apr-24	257d
DP-2H-CW-5020	Civil Works - Zone 2H - Finishing - Final Asphalt Wearing Course	1d	28-Mar-24	28-Mar-24	239d
DP-2H-CW-5040	Civil Works - Zone 2H - Finishing - Pavement Marking	2d	18-Jun-24	19-Jun-24	192d
Traction Power & Overhead Line		122d	28-Mar-24	01-Oct-24	20d
CSR Cabling		122d	28-Mar-24	01-Oct-24	20d
Structure-to-Track		1d	28-Mar-24	28-Mar-24	116d
DP-2H-BC-1620	Traction Power - Zone 2H - Bond and Test Structure to Rail	1d	28-Mar-24	28-Mar-24	116d
Track-to-Track		1d	28-Mar-24	28-Mar-24	116d
DP-2H-BC-1000	Traction Power - Zone 2H - Connect Bond to Studs	1d	28-Mar-24	28-Mar-24	116d
Pit-to-Pit		44d	21-May-24	22-Jul-24	69d
DP-2H-HC-1020	Traction Power - Zone 2H - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	69d
DP-2H-HC-1040	Traction Power - Zone 2H - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	14-Jun-24	26-Jun-24	86d
DP-2H-ST-1000	Traction Power - Zone 2H - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	69d
DP-2H-ST-1020	Traction Power - Zone 2H - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	11d	08-Jul-24	22-Jul-24	69d
Pit-to-OLE		9d	20-Sep-24	01-Oct-24	20d
DP-2H-HC-1420	Traction Power - Zone 2H - WR17/18 - Pull Helper Cables & Bonding from Pit to OHL	6d	20-Sep-24	26-Sep-24	8d
DP-2H-HC-1440	Traction Power - Zone 2H - WR17/18 - Helper Cable & Bonding - Test & Terminate	3d	27-Sep-24	01-Oct-24	20d
Overhead Line		19d	22-Aug-24	19-Sep-24	8d
DP-2H-OH-1020	Traction Power - Zone 2H - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	11d	22-Aug-24	07-Sep-24	12d
DP-2H-OH-1040	Traction Power - Zone 2H - Overhead Wiring - Wire Run 17/18 & QA	4d	16-Sep-24	19-Sep-24	8d
Zone i86 Intersection - Med Term Closure - Goodwin Tce (Ch 39,906 - 39,931) - 25m		506d	07-Sep-22	01-Oct-24	147d
Public Utilities Plant Works		251d	07-Sep-22	15-Sep-23	235d
DP-I86-MS-1000	PUP Works - Zone i86 - Conduits and Pipes Complete - Civil work to Commence	0d		05-Jun-23	269d
CoGC - Water		15d	07-Sep-22	26-Sep-22	29d
DP-i86-WT-1010	PUP Works - Zone i86 - (WA-300-192) DN150 - Install DICL - Excav/Lay/Bfill	15d	07-Sep-22	26-Sep-22	29d
Energex		240d	22-Sep-22	15-Sep-23	235d
Pre-Works		1d	22-Sep-22	22-Sep-22	434d
DP-I86-EG-1620	PUP Works - Zone i86 - Gold Coast Hwy - Energex to install tigertails (Drill Crew)	1d	22-Sep-22	22-Sep-22	434d
Conduits & Pits		102d	22-Sep-22	21-Mar-23	70d
DP-I86-EG-1080	PUP Works - Zone i86 - Gold Coast Hwy - Drill (EL-300-028)	13d	22-Sep-22	11-Oct-22	29d
DP-I86-EG-1040	PUP Works - Zone i86 - Gold Coast Hwy - Energex Northbound (EL-300-128)	12d	14-Nov-22	02-Dec-22	97d
DP-I86-EG-1000	PUP Works - Zone i86 - Gold Coast Hwy - Energex Northbound (with drill crew)(EL-300-028)	13d	05-Dec-22	09-Jan-23	97d
DP-I86-EG-1670	PUP Works - Zone i86 - Gold Coast Hwy - Pit Install OPPOSITE GOODWIN Tce	5d	10-Jan-23	19-Jan-23	97d
DP-I86-EG-1050	PUP Works - Zone i86 - Gold Coast Hwy - Energex Northbound (EL-300-014)	2d	08-Mar-23	09-Mar-23	70d
DP-I86-EG-1060	PUP Works - Zone i86 (with 2H) - Gold Coast Hwy - Energex Northbound (EL-300-014)	2d	10-Mar-23	16-Mar-23	70d
DP-I86-EG-1070	PUP Works - Zone i86 (with 2H) - Gold Coast Hwy - Energex Northbound (EL-300-014)	4d	17-Mar-23	21-Mar-23	70d
Energex Works		80d	26-May-23	15-Sep-23	235d
DP-I86-EG-2000	PUP Works - Zone i86 - Gold Coast Hwy - Notification to Energex	50d	26-May-23	03-Aug-23	235d
DP-I86-EG-2010	PUP Works - Zone i86 - Gold Coast Hwy - Energex Works & Cutover (EL-300-028 / 087)	30d	04-Aug-23	15-Sep-23	235d
Telstra		35d	18-Feb-23	24-Apr-23	123d
Relocate Conduits & Cable Pull		35d	18-Feb-23	24-Apr-23	123d
DP-I86-TLS-1020	PUP Works - Zone i86 - Relocate crossing of Gold Coast Highway by Telstra (TE-300-127)	35d	18-Feb-23	24-Apr-23	123d
NBN		27d	26-Apr-23	03-Jun-23	242d
DP-I86-NB-1040	PUP Works - Zone i86 - NBN inside TE-300-127 (TE-300-127a)	27d	26-Apr-23	03-Jun-23	242d
Street Lighting Relocations		2d	05-Jun-23	06-Jun-23	269d
DP-I86-Stl-1000	Lighting Works - Zone i86 - Install Temporary Street Lighting	1d	05-Jun-23	05-Jun-23	269d
DP-I86-Stl-1020	Lighting Works - Zone i86 - Removal of Existing Lighting	1d	06-Jun-23	06-Jun-23	269d
Stormwater Drainage		14d	09-Jan-24	02-Feb-24	117d
Northbound		4d	09-Jan-24	13-Jan-24	117d
DP-I86-DR-1740	Drainage Works - Zone i86 - Goodwin Terrace - Stormwater RCP 450 - Excav/Lay/Bfill (Northbound)	4d	09-Jan-24	13-Jan-24	117d
Undertrack		2d	01-Feb-24	02-Feb-24	117d
DP-I86-DR-1720	Drainage Works - Zone i86 - Goodwin Terrace - Stormwater RCP 450 - Excav/Lay/Bfill (Undertrack)	2d	01-Feb-24	02-Feb-24	117d
Civil Works - Finishing Kerbs and Southbound Lanes		9d	13-Dec-23	08-Jan-24	134d
DP-I86-CW-1520	Civil Works - Zone i86 - Shift Traffic West	1d	13-Dec-23	13-Dec-23	136d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-I86-CW-1720	Civil Works - Zone i86 - Remove existing asphalt and subbase	1d	14-Dec-23	14-Dec-23	118d
DP-I86-CW-2120	Civil Works - Zone i86 - Prepare subgrade	1d	15-Dec-23	15-Dec-23	118d
DP-I86-CW-1480	Civil Works - Zone i86 - FRP New Kerb	0d	02-Jan-24	02-Jan-24	118d
DP-I86-CW-1620	Civil Works - Zone i86 - Place subbase and base course	1d	02-Jan-24	02-Jan-24	118d
DP-I86-CW-1740	Civil Works - Zone i86 - FRP pedestrian footpath	1d	02-Jan-24	02-Jan-24	120d
DP-I86-CW-1420	Civil Works - Zone i86 - Place asphalt (Incl Primer Seal)	2d	03-Jan-24	04-Jan-24	118d
DP-I86-CW-1500	Civil Works - Zone i86 - Shift Traffic to Kerb and Shoulder Lanes	1d	08-Jan-24	08-Jan-24	134d
Civil Works - Finishing Kerbs and Northbound Lanes		15d	08-Jan-24	30-Jan-24	130d
DP-I86-CW-1800	Civil Works - Zone i86 - Shift Traffic East	0d		08-Jan-24	134d
DP-I86-CW-1820	Civil Works - Zone i86 - Remove existing asphalt and subbase	1d	09-Jan-24	09-Jan-24	120d
DP-I86-CW-1840	Civil Works - Zone i86 - Prepare Subgrade	1d	15-Jan-24	15-Jan-24	117d
DP-I86-CW-2140	Civil Works - Zone i86 - FRP New Kerb	3d	16-Jan-24	19-Jan-24	117d
DP-I86-CW-1880	Civil Works - Zone i86 - Place subbase and base course	1d	23-Jan-24	23-Jan-24	117d
DP-I86-CW-2160	Civil Works - Zone i86 - FRP pedestrian footpath	1d	23-Jan-24	23-Jan-24	119d
DP-I86-CW-1760	Civil Works - Zone i86 - Place asphalt (Incl Primer Seal)	2d	25-Jan-24	29-Jan-24	117d
DP-I86-CW-1780	Civil Works - Zone i86 - Shift Traffic to Kerb and Shoulder Lanes	1d	30-Jan-24	30-Jan-24	130d
Civil Works - Rail Corridor		10d	30-Jan-24	14-Feb-24	117d
DP-I86-CW-1000	Civil Works - Zone i86 - Shift Traffic to Kerb and Shoulder Lanes	0d		30-Jan-24	117d
DP-I86-CW-1040	Civil Works - Zone i86 - Demo/Clear/Grub	1d	01-Feb-24	01-Feb-24	118d
DP-I86-CW-2100	Civil Works - Zone i86 - Profile central median and asphalt	1d	05-Feb-24	05-Feb-24	117d
DP-I86-CW-1100	Civil Works - Zone i86 - Bulk and Detail excavation	2d	06-Feb-24	08-Feb-24	117d
DP-I86-CW-1120	Civil Works - Zone i86 - Flooding and compact subgrade	1d	09-Feb-24	09-Feb-24	117d
DP-I86-CW-1140	Civil Works - Zone i86 - Install CSR conduits and Pits	1d	10-Feb-24	10-Feb-24	117d
DP-I86-CW-1160	Civil Works - Zone i86 - Place and Compact Type 2.1 Road base	1d	12-Feb-24	12-Feb-24	117d
DP-I86-CW-1360	Civil Works - Zone i86 - Final trim and survey	1d	13-Feb-24	13-Feb-24	117d
DP-I86-CW-1180	Civil Works - Zone i86 - Spray bitumen chip seal	1d	14-Feb-24	14-Feb-24	117d
Civil Works - Track		3d	15-Feb-24	22-Feb-24	117d
DP-I86-TW-1000	Track Works - Zone i86 - Install/weld rail, Rail Systems Loop and form/reo	1d	15-Feb-24	15-Feb-24	117d
DP-I86-TW-1020	Track Works - Zone i86 - Install OLE foundations	1d	15-Feb-24	15-Feb-24	117d
DP-I86-TW-1040	Track Works - Zone i86 - Perform electrical continunity testing/hold points	1d	16-Feb-24	16-Feb-24	117d
DP-I86-TW-1080	Track Works - Zone i86 - Pour concrete and complete finishes	1d	22-Feb-24	22-Feb-24	117d
Civil Works - Reinstate Track Verge		3d	23-Feb-24	26-Feb-24	117d
DP-I86-CW-1200	Civil Works - Zone i86 - Place and Compact Type 2.1 Road Base	1d	23-Feb-24	23-Feb-24	117d
DP-I86-CW-1700	Civil Works - Zone i86 - Place asphalt (Incl Primer Seal)	2d	24-Feb-24	26-Feb-24	117d
Civil Works - System Fitout		3d	27-Feb-24	29-Feb-24	129d
DP-I86-CW-1640	Civil Works - Zone i86 - Shift traffic to permanent alignment (nightworks)	1d	27-Feb-24	27-Feb-24	130d
DP-I86-CW-1660	Civil Works - Zone i86 - Erect Overhead Wire Poles with Lighting	1d	29-Feb-24	29-Feb-24	117d
Civil Works - Finishing		69d	27-Feb-24	21-Jun-24	192d
DP-I86-CW-5020	Civil Works - Zone i86 - Finishing - Final Asphalt Wearing Course	1d	27-Feb-24	27-Feb-24	258d
DP-I86-CW-5040	Civil Works - Zone i86 - Finishing - Pavement Marking	2d	20-Jun-24	21-Jun-24	192d
Traffic Control Systems (TCS)		14d	16-Jan-24	10-Feb-24	159d
DP-I86-TCS-1040	Signal Works - Zone i86 - Footings - Excav/Reo/Pour/Cure	3d	16-Jan-24	19-Jan-24	149d
DP-I86-TCS-1060	Signal Works - Zone i86 - Install Poles, Cables and Lanterns	3d	23-Jan-24	29-Jan-24	162d
DP-I86-TCS-1080	Signal Works - Zone i86 - Install Traffic Detector Loops and Cables (Nights)	3d	30-Jan-24	02-Feb-24	162d
DP-I86-TCS-1100	Signal Works - Zone i86 - Install TCS Cabinets	1d	05-Feb-24	05-Feb-24	162d
DP-I86-TCS-1120	Signal Works - Zone i86 - Install LRV Personality	1d	06-Feb-24	06-Feb-24	162d
DP-I86-TCS-1000	Signal Works - Zone i86 - Install Pits and Conduits	1d	10-Feb-24	10-Feb-24	117d
Traction Power & Overhead Line		137d	01-Mar-24	01-Oct-24	20d
CSR Cabling		137d	01-Mar-24	01-Oct-24	20d
Structure-to-Track		1d	01-Mar-24	01-Mar-24	133d
DP-I86-BC-1640	Traction Power - Zone i86 - Bond and Test Structure to Rail	1d	01-Mar-24	01-Mar-24	133d
Track-to-Track		1d	01-Mar-24	01-Mar-24	133d
DP-I86-BC-1660	Traction Power - Zone i86 - Connect Bond to Studs	1d	01-Mar-24	01-Mar-24	133d
Pit-to-Pit		33d	21-May-24	05-Jul-24	80d
DP-i86-HC-1020	Traction Power - Zone i86 - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	80d
DP-i86-ST-1000	Traction Power - Zone i86 - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	80d
Pit-to-OLE		9d	20-Sep-24	01-Oct-24	20d
DP-I86-HC-1560	Traction Power - Zone i86 - WR17/18 - Pull Helper Cables & Bonding from Pit to OHL	6d	20-Sep-24	26-Sep-24	20d
DP-I86-HC-1580	Traction Power - Zone i86 - WR17/18 - Helper Cable & Bonding - Test & Terminate	3d	27-Sep-24	01-Oct-24	20d
Overhead Line		19d	22-Aug-24	19-Sep-24	10d
DP-I86-OH-1020	Traction Power - Zone i86 - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	11d	22-Aug-24	07-Sep-24	12d
DP-I86-OH-1040	Traction Power - Zone i86 - Overhead Wiring - Wire Run 17/18 & QA	4d	16-Sep-24	19-Sep-24	10d
Zone 2I (Ch39,931 - 40,240) - 309m		503d	19-Oct-22	07-Nov-24	141d
Public Utilities Plant Works		222d	19-Oct-22	15-Sep-23	234d
DP-2I-MS-1000	PUP Works - Zone 2I - Conduits and Pipes Complete - Civil work to Commence	0d		10-Jul-23	70d



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CoGC - Water		22d	23-May-23	22-Jun-23	85d
DP-2I-WT-2010	PUP Works - Zone 2I - (WA-300-194) - DN150 - Install DICL - Excav/Lay/Bfill (Incl in WA-300-192)	0d	23-May-23	23-May-23	80d
DP-2I-WT-S0061	PUP Works - Zone 2I - (WA-S-061)	1d	23-May-23	23-May-23	106d
DP-1A-WT-S062	PUP Works - Zone 2I - (WA-S-062)	1d	23-May-23	23-May-23	106d
DP-1A-WT-S063	PUP Works - Zone 2I - (WA-S-063)	1d	23-May-23	23-May-23	106d
DP-2I-WT-2000	PUP Works - Zone 2I - (WA-300-193)	2d	23-May-23	25-May-23	100d
DP-2I-WT-2030	PUP Works - Zone 2I - (WA-300-196) - DN150 - Install DICL - Excav/Lay/Bfill - Road Crossing	14d	23-May-23	09-Jun-23	86d
DP-2I-WT-2040	PUP Works - Zone 2I - (WA-300-200, WA-300-201) - DN150 - Install DICL - Excav/Lay/Bfill - Road Crossing	18d	23-May-23	17-Jun-23	80d
DP-2I-WT-2020	PUP Works - Zone 2I - (WA-300-195)	2d	13-Jun-23	15-Jun-23	86d
DP-2I-WT-2050	PUP Works - Zone 2I - (WA-300-205)	2d	19-Jun-23	20-Jun-23	80d
DP-2I-WT-2060	PUP Works - Zone 2I - (WA-300-206)	2d	21-Jun-23	22-Jun-23	80d
CoGC Sewer		15d	19-Oct-22	11-Nov-22	205d
DP-2I-SW-1000	PUP Works - Zone 2I - Sewer Pipe Reline (SE-300-150) and Protect 200DICL x 37m (SE-300-149)	15d	19-Oct-22	11-Nov-22	205d
Energex		134d	07-Mar-23	15-Sep-23	234d
Pre-Works		1d	22-Mar-23	22-Mar-23	144d
DP-2I-EG-1680	PUP Works - Zone 2I - Gold Coast Hwy - Energex to install tigertails	1d	22-Mar-23	22-Mar-23	144d
Conduits & Pits		45d	07-Mar-23	25-May-23	68d
DP-2I-EG-1815	PUP Works - Zone 2I - Gold Coast Hwy - Ocean St - Station 60 to 74 (EL-300-116)	5d	07-Mar-23	16-Mar-23	68d
DP-2I-EG-1830	PUP Works - Zone 2I - Gold Coast Hwy - NthB adj Ocean St Intersection - Station 61 to 65 (EL-300-025)	7d	17-Mar-23	24-Mar-23	68d
DP-2I-EG-1020	PUP Works - Zone 2I - Gold Coast Hwy - NthB - Goodwin Terrace to Park Ave Intersection - Station 45 to 51 (E	11d	22-Mar-23	17-Apr-23	70d
DP-2I-EG-1850	PUP Works - Zone 2I - Gold Coast Hwy - Traverse Gold Coast Hwy - Station 65to68 (EL-300-079 resolved by :	13d	25-Mar-23	24-Apr-23	68d
DP-2I-EG-1030	PUP Works - Zone 2I - Gold Coast Hwy & Park Ave Intersection - Station 50 to 51 to 52 (EL-300-025)	2d	18-Apr-23	20-Apr-23	70d
DP-2I-EG-1040	PUP Works - Zone 2I - Traverse across Park Ave & Ocean St Intersection - Station 50 to 51 to 56 (EL-300-116)	4d	21-Apr-23	26-Apr-23	70d
DP-2I-EG-1870	PUP Works - Zone 2I - Gold Coast Hwy - SthB Opp Swell Apartment - Station 66 to 67 (EL-300-079 resolved b	5d	26-Apr-23	03-May-23	68d
DP-2I-EG-1050	PUP Works - Zone 2I - Park Ave & Ocean St Intersection - Station 52 to 57 (EL-300-116)	12d	27-Apr-23	16-May-23	70d
DP-2I-EG-1890	PUP Works - Zone 2I - Gold Coast Hwy - Ocean St - Station 74 to 76 (EL-300-109)	3d	04-May-23	09-May-23	68d
DP-2I-EG-1910	PUP Works - Zone 2I - Gold Coast Hwy - Ocean St - Station 74 to 80 to 81(EL-300-014)+TPS FEEDS	12d	11-May-23	25-May-23	68d
DP-2I-EG-1060	PUP Works - Zone 2I - Park Ave & Ocean St Intersection - Works to Pad Area	1d	17-May-23	17-May-23	70d
DP-2I-EG-1070	PUP Works - Zone 2I - Gold Coast Hwy - Traverse across Ocean St (Station 60 to 61, EL-300-025)	4d	18-May-23	22-May-23	70d
Energex Works		80d	26-May-23	15-Sep-23	234d
DP-2I-EG-2000	PUP Works - Zone 2I - Gold Coast Hwy - Notification to Energex	50d	26-May-23	03-Aug-23	234d
DP-2I-EG-2010	PUP Works - Zone 2I - Gold Coast Hwy - Energex Works & Cutover (EL-300-079)	30d	04-Aug-23	15-Sep-23	234d
APA Gas		43d	26-May-23	25-Jul-23	117d
Protect/Relocate		20d	26-May-23	22-Jun-23	80d
DP-2I-GA-1000	PUP Works - Zone 2I - Gas Relocation DN90 IN DN160 & DN63 IN DN110 (GA-300-032 / 033 / 034 / 035)	20d	26-May-23	22-Jun-23	80d
Cutover		23d	23-Jun-23	25-Jul-23	117d
DP-2i-GA-1180	PUP Works - Zone 2i - D&C Contractor to Notify APA Gas	20d	23-Jun-23	20-Jul-23	117d
DP-2i-GA-1200	PUP Works - Zone 2i - APA Gas Cutover (GA-300-032 / 033 / 034 / 035)	3d	21-Jul-23	25-Jul-23	117d
Telstra		34d	23-May-23	10-Jul-23	68d
Trench (D&C Contractor)		34d	23-May-23	10-Jul-23	68d
DP-2I-TLS-1640	PUP Works - Zone 2I - Gold Coast Hwy - Install Major Protection slab (TE-300-130 / 135)	11d	23-May-23	06-Jun-23	91d
DP-2I-TLS-1620	PUP Works - Zone 2I - Gold Coast Hwy - Relocation along new verge (TE-300-128 / 129 / 133 / 138)	32d	26-May-23	10-Jul-23	68d
Street Lighting Relocations		5d	11-Jul-23	17-Jul-23	70d
DP-2I-Stl-1000	Lighting Works - Zone 2I - Install Temporary Street Lighting	2d	11-Jul-23	12-Jul-23	70d
DP-2I-Stl-1020	Lighting Works - Zone 2I - Removal of Existing Lighting	3d	13-Jul-23	17-Jul-23	70d
Stormwater Drainage		87d	20-Jul-23	01-Dec-23	67d
Southbound		11d	20-Jul-23	02-Aug-23	68d
DP-2I-DR-1780	Drainage Works - Zone 2I - Gold Coast Hwy - Stormwater RCP 375 - Excav/Lay/Bfill (Southbound)	11d	20-Jul-23	02-Aug-23	68d
Northbound		8d	22-Sep-23	04-Oct-23	68d
DP-2I-DR-1820	Drainage Works - Zone 2I - Gold Coast Hwy - Stormwater RCP 375/450 - Excav/Lay/Bfill (Northbound)	8d	22-Sep-23	04-Oct-23	68d
Undertrack		14d	09-Nov-23	01-Dec-23	67d
DP-2I-DR-1760	Drainage Works - Zone 2I - Gold Coast Hwy - Stormwater RCP 450 - Excav/Lay/Bfill (Undertrack)	14d	09-Nov-23	01-Dec-23	67d
Civil Works - Finishing Kerbs and Southbound Lanes		47d	18-Jul-23	21-Sep-23	78d
DP-2I-CW-1520	Civil Works - Zone 2I - Shift Traffic West	2d	18-Jul-23	19-Jul-23	70d
DP-2I-CW-1720	Civil Works - Zone 2I - Remove existing asphalt and subbase	5d	20-Jul-23	26-Jul-23	74d
DP-2I-CW-2120	Civil Works - Zone 2I - Prepare subgrade	12d	03-Aug-23	22-Aug-23	68d
DP-2I-CW-2180	Civil Works - Zone 2I - FRP New Kerb	6d	23-Aug-23	31-Aug-23	68d
DP-2I-CW-1620	Civil Works - Zone 2I - Place subbase and base course	5d	01-Sep-23	07-Sep-23	76d
DP-2I-CW-1740	Civil Works - Zone 2I - FRP pedestrian footpath	5d	01-Sep-23	08-Sep-23	76d
DP-2I-CW-1420	Civil Works - Zone 2I - Place asphalt (Incl Prime and Seal)	8d	08-Sep-23	19-Sep-23	69d
DP-2I-CW-1500	Civil Works - Zone 2I - Shift Traffic to Kerb and Shoulder Lanes	2d	20-Sep-23	21-Sep-23	78d
Civil Works - Finishing Kerbs and Northbound Lanes		30d	21-Sep-23	03-Nov-23	82d
DP-2I-CW-1800	Civil Works - Zone 2I - Shift Traffic East	0d		21-Sep-23	78d
DP-2I-CW-1820	Civil Works - Zone 2I - Remove existing asphalt and subbase	3d	22-Sep-23	25-Sep-23	73d
DP-2I-CW-1840	Civil Works - Zone 2I - Prepare subgrade	8d	05-Oct-23	16-Oct-23	68d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2I-CW-2220	Civil Works - Zone 2I - FRP New Kerb	6d	17-Oct-23	23-Oct-23	68d
DP-2I-CW-1880	Civil Works - Zone 2I - Place subbase and base course	3d	24-Oct-23	26-Oct-23	83d
DP-2I-CW-2240	Civil Works - Zone 2I - FRP pedestrian footpath	5d	24-Oct-23	31-Oct-23	68d
DP-2I-CW-1760	Civil Works - Zone 2I - Place asphalt (Incl Prime and Seal)	4d	27-Oct-23	01-Nov-23	67d
DP-2I-CW-1780	Civil Works - Zone 2I - Shift Traffic to Kerb and Shoulder Lanes	2d	02-Nov-23	03-Nov-23	82d
Civil Works - Rail Corridor		57d	03-Nov-23	26-Feb-24	67d
DP-2I-CW-1000	Civil Works - Zone 2I - Shift Traffic to Kerb and Shoulder Lanes	0d		03-Nov-23	67d
DP-2I-CW-1040	Civil Works - Zone 2I - Demo/Clear/Grub	1d	09-Nov-23	09-Nov-23	80d
DP-2I-CW-2100	Civil Works - Zone 2I - Profile central median and asphalt	2d	02-Dec-23	04-Dec-23	67d
DP-2I-CW-1100	Civil Works - Zone 2I - Bulk and Detail excavation (Includes protection Telstra Asset TE-300-130 & TE-300-135)	13d	05-Dec-23	08-Jan-24	67d
DP-2I-CW-1120	Civil Works - Zone 2I - Flooding and compact subgrade	8d	09-Jan-24	19-Jan-24	67d
DP-2I-CW-1140	Civil Works - Zone 2I - Install CSR conduits and Pits	4d	23-Jan-24	30-Jan-24	67d
DP-2I-CW-1160	Civil Works - Zone 2I - Place and Compact Type 2.1 Road base	7d	01-Feb-24	10-Feb-24	67d
DP-2I-CW-1360	Civil Works - Zone 2I - Final trim and survey	8d	12-Feb-24	24-Feb-24	67d
DP-2I-CW-1180	Civil Works - Zone 2I - Spray bitumen chip seal	1d	26-Feb-24	26-Feb-24	67d
Civil Works - Track		17d	27-Feb-24	26-Mar-24	67d
DP-2I-TW-1000	Track Works - Zone 2I - Install/weld rail, Rail Systems Loop & Point Machine Case and form/reo	11d	27-Feb-24	14-Mar-24	67d
DP-2I-TW-1020	Track Works - Zone 2I - Install OLE foundations	11d	27-Feb-24	14-Mar-24	67d
DP-2I-TW-1040	Track Works - Zone 2I - Perform electrical continuity testing/hold points	4d	12-Mar-24	15-Mar-24	67d
DP-2I-TW-1080	Track Works - Zone 2I - Pour concrete, strip formwork and install lids	7d	14-Mar-24	26-Mar-24	67d
Civil Works - Reinstate Track Verge		13d	28-Mar-24	23-Apr-24	67d
DP-2I-CW-5080	Civil Works - Zone 2I - FRP Kerb Track Side	3d	28-Mar-24	09-Apr-24	67d
DP-2I-CW-1200	Civil Works - Zone 2I - Place and Compact Type 2.1 Road Base	3d	11-Apr-24	13-Apr-24	67d
DP-2I-CW-1700	Civil Works - Zone 2I - Place asphalt (Incl Prime and Seal)	7d	15-Apr-24	23-Apr-24	67d
Civil Works - System Fitout		84d	24-Apr-24	21-Aug-24	39d
DP-2I-CW-1640	Civil Works - Zone 2I - Shift traffic to permanent alignment (night works)	2d	24-Apr-24	26-Apr-24	68d
DP-2I-CW-1680	Civil Works - Zone 2I - FRP island platform Stop BUH Incl Conduits	11d	24-Apr-24	10-May-24	67d
DP-2I-CW-1660	Civil Works - Zone 2I - Erect Overhead Wire Poles	2d	29-Apr-24	30-Apr-24	85d
DP-2I-BW-2040	Building Works - Zone 2I - Stop BUH - Fitout	16d	14-May-24	04-Jun-24	81d
DP-2I-CW-1900	Civil Works - Zone 2I - Install island platform Stop BUH Membrane structure Incl Membrane	16d	14-May-24	04-Jun-24	67d
DP-2I-BW-2060	Building Works - Zone 2I - Stop BUH - Install comms/UPS cabinets	1d	05-Jun-24	05-Jun-24	80d
DP-2I-BW-2080	Building Works - Zone 2I - Stop BUH - LV distribution board, cabling & fitout	5d	05-Jun-24	13-Jun-24	67d
DP-2I-BW-1100	Building Works - Zone 2I - Stop BUH - Commission	11d	14-Jun-24	26-Jun-24	76d
DP-OH-MS-S006	Commence Dressing Wire Poles (South)	0d		21-Aug-24	8d
Civil Works - Finishing		55d	24-Apr-24	13-Jul-24	196d
DP-2I-CW-5000	Civil Works - Zone 2I - Finishing - FRP Blister Islands	5d	24-Apr-24	01-May-24	236d
DP-2I-CW-5060	Civil Works - Zone 2I - Finishing - Landscaping	32d	24-Apr-24	13-Jun-24	219d
DP-2I-CW-5020	Civil Works - Zone 2I - Finishing - Final Asphalt Wearing Course	4d	02-May-24	08-May-24	236d
DP-2I-CW-5040	Civil Works - Zone 2I - Finishing - Pavement Marking	2d	12-Jul-24	13-Jul-24	192d
Traction Power & Overhead Line		440d	31-Jan-23	07-Nov-24	0d
CSR Cabling		105d	01-May-24	01-Oct-24	20d
Structure-to-Track		1d	01-May-24	01-May-24	95d
DP-2I-BC-1660	Traction Power - Zone 2I - Bond and Test Structure to Rail	1d	01-May-24	01-May-24	95d
Track-to-Track		1d	01-May-24	01-May-24	95d
DP-2I-BC-1000	Traction Power - Zone 2I - Connect Bond to Studs	1d	01-May-24	01-May-24	95d
Pit-to-Pit		44d	21-May-24	22-Jul-24	69d
DP-2I-HC-1020	Traction Power - Zone 2I - Helper Cables 750VDC (+ve) and Lighting Cables- Pull Cable (Incl Fit Out Pit)	16d	21-May-24	13-Jun-24	69d
DP-2I-HC-1540	Traction Power - Zone 2I - Helper Cables 750VDC (+ve) and Lighting Cables- Test & Terminate at Pit	11d	14-Jun-24	26-Jun-24	86d
DP-2I-ST-1000	Traction Power - Zone 2I - Stray Current (120mm2) & PUP Test Sites- Pull Cable (Incl Fit Out Pit)	17d	14-Jun-24	05-Jul-24	69d
DP-2I-ST-2280	Traction Power - Zone 2I - Stray Current (120mm2) & PUP Test Sites- Test & Terminate at Pit	11d	08-Jul-24	22-Jul-24	69d
Pit-to-OLE		9d	20-Sep-24	01-Oct-24	20d
DP-2I-HC-1480	Traction Power - Zone 2I - WR17/18 & WR19/20 - Pull Helper Cables & Bonding from Pit to OHL	6d	20-Sep-24	26-Sep-24	20d
DP-2I-HC-1500	Traction Power - Zone 2I - WR17/18 & WR19/20 - Helper Cable & Bonding - Test & Terminate	3d	27-Sep-24	01-Oct-24	20d
Overhead Line		19d	22-Aug-24	19-Sep-24	20d
DP-2I-OH-1020	Traction Power - Zone 2I - Overhead Wiring - Install Headspans, Cantilevers, Anchors & Jewellery	11d	22-Aug-24	07-Sep-24	8d
DP-2I-OH-1100	Traction Power - Zone 2I - Overhead Wiring - Wire Run WR 19/20 & QA	4d	09-Sep-24	13-Sep-24	8d
DP-2I-OH-1040	Traction Power - Zone 2I - Overhead Wiring - Wire Run WR 17/18 & QA	4d	16-Sep-24	19-Sep-24	20d
TPS14 - Ocean St (Ch40050)		440d	31-Jan-23	07-Nov-24	0d
TPS14 Structure		92d	31-Jan-23	30-Jun-23	76d
DP-2I-BW-1000	Building Works - Zone 2I - TPS14 - Erect Hoardings	2d	31-Jan-23	02-Feb-23	76d
DP-2I-BW-1040	Building Works - Zone 2I - TPS14 - Construct U/G Services & Earthing Grid	21d	03-Feb-23	07-Mar-23	76d
DP-2I-BW-1060	Building Works - Zone 2I - TPS14 - Construct substation building - Foundation & Prep Works	53d	08-Mar-23	06-Jun-23	76d
DP-2I-BW-1080	Building Works - Zone 2I - TPS14 - Construct Access Path, Toilet & Misc Landings	16d	07-Jun-23	29-Jun-23	76d
DP-2I-SS-1000	TPS14 - Civil handover - Substation foundation	0d	30-Jun-23		76d
TPS14 Substation		5d	30-Jun-23	07-Jul-23	76d



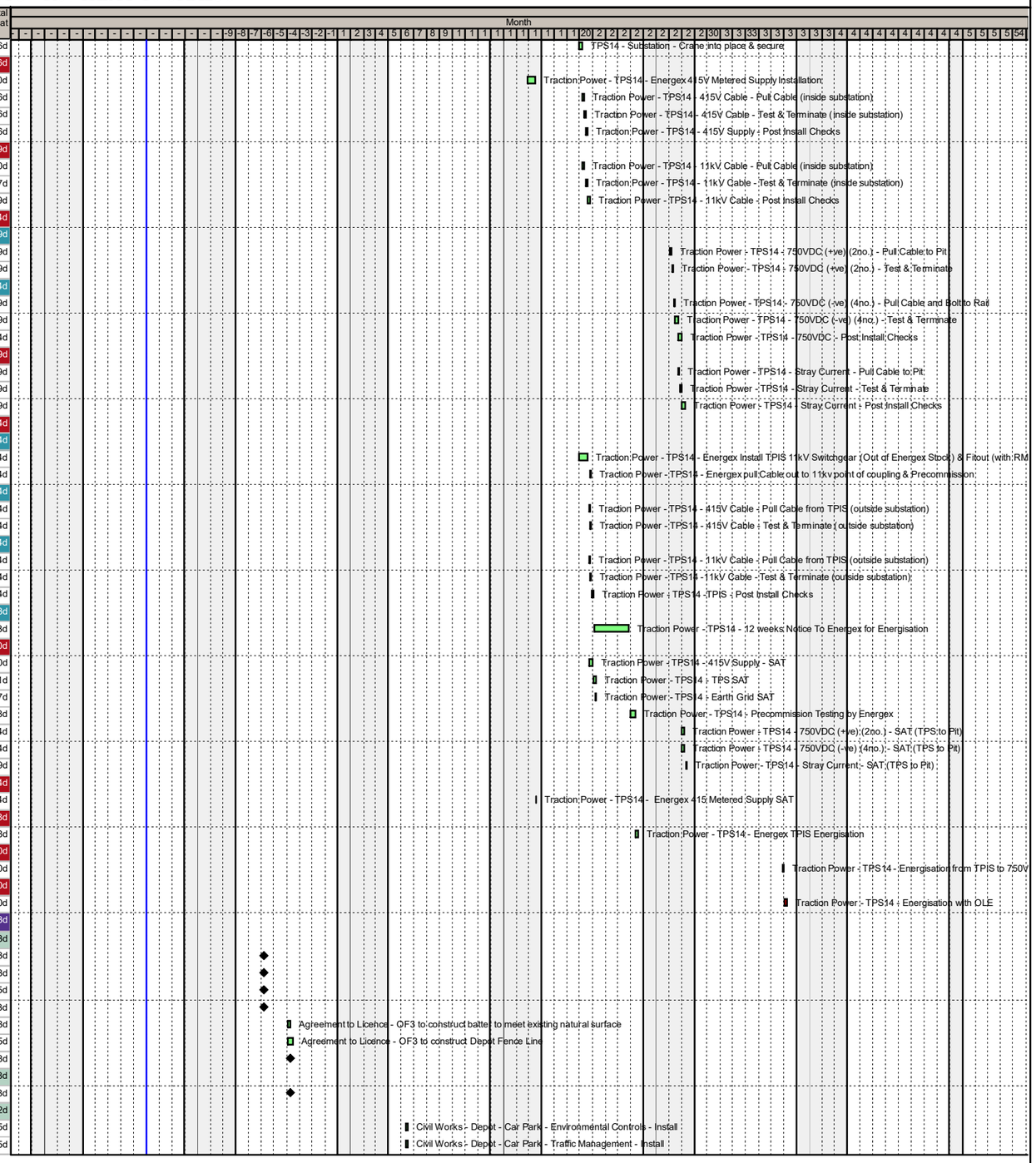
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-2I-SS-1020	TPS14 - Substation - Crane into place & secure	5d	30-Jun-23	07-Jul-23	76d
LV Cabling (415V)		90d	28-Feb-23	21-Jul-23	76d
DP-2I-SS-2200	Traction Power - TPS14 - Energex 415V Metered Supply Installation	11d	28-Feb-23	18-Mar-23	150d
DP-2I-SS-1520	Traction Power - TPS14 - 415V Cable - Pull Cable (inside substation)	3d	08-Jul-23	11-Jul-23	76d
DP-2I-SS-1580	Traction Power - TPS14 - 415V Cable - Test & Terminate (inside substation)	3d	13-Jul-23	15-Jul-23	76d
DP-2I-SS-2260	Traction Power - TPS14 - 415V Supply - Post Install Checks	5d	17-Jul-23	21-Jul-23	76d
HV Cabling (11kV)		14d	08-Jul-23	26-Jul-23	249d
DP-2I-SS-1600	Traction Power - TPS14 - 11kV Cable - Pull Cable (inside substation)	3d	08-Jul-23	11-Jul-23	200d
DP-2I-SS-1620	Traction Power - TPS14 - 11kV Cable - Test & Terminate (inside substation)	3d	17-Jul-23	19-Jul-23	197d
DP-2I-SS-2280	Traction Power - TPS14 - 11kV Cable - Post Install Checks	5d	20-Jul-23	26-Jul-23	249d
Traction Cabling		18d	01-Feb-24	29-Feb-24	154d
750VDC (+ve)		7d	01-Feb-24	10-Feb-24	79d
DP-2I-SS-1680	Traction Power - TPS14 - 750VDC (+ve) (2no.) - Pull Cable to Pit	4d	01-Feb-24	06-Feb-24	79d
DP-2I-SS-1700	Traction Power - TPS14 - 750VDC (+ve) (2no.) - Test & Terminate	3d	08-Feb-24	10-Feb-24	79d
750VDC (-ve)		11d	12-Feb-24	29-Feb-24	154d
DP-2I-SS-1720	Traction Power - TPS14 - 750VDC (-ve) (4no.) - Pull Cable and Bolt to Rail	3d	12-Feb-24	14-Feb-24	79d
DP-2I-SS-1740	Traction Power - TPS14 - 750VDC (-ve) (4no.) - Test & Terminate	3d	15-Feb-24	22-Feb-24	79d
DP-2I-SS-2300	Traction Power - TPS14 - 750VDC - Post Install Checks	5d	23-Feb-24	29-Feb-24	154d
Stray Current Cabling		10d	23-Feb-24	09-Mar-24	79d
DP-2I-ST-2220	Traction Power - TPS14 - Stray Current - Pull Cable to Pit	2d	23-Feb-24	24-Feb-24	79d
DP-2I-ST-2240	Traction Power - TPS14 - Stray Current - Test & Terminate	3d	26-Feb-24	29-Feb-24	79d
DP-2I-ST-2300	Traction Power - TPS14 - Stray Current - Post Install Checks	5d	01-Mar-24	09-Mar-24	79d
Energex		84d	30-Jun-23	27-Oct-23	84d
TPIS Install		22d	30-Jun-23	29-Jul-23	84d
DP-2I-SS-1540	Traction Power - TPS14 - Energex Install TPIS 11kV Switchgear (Out of Energex Stock) & Fitout (with RMU)	16d	30-Jun-23	21-Jul-23	84d
DP-2I-SS-1640	Traction Power - TPS14 - Energex pull Cable out to 11kv point of coupling & Precommission	3d	27-Jul-23	29-Jul-23	84d
LV Cabling (415V)		6d	24-Jul-23	29-Jul-23	84d
DP-2I-SS-1900	Traction Power - TPS14 - 415V Cable - Pull Cable from TPIS (outside substation)	3d	24-Jul-23	26-Jul-23	84d
DP-2I-SS-1920	Traction Power - TPS14 - 415V Cable - Test & Terminate (outside substation)	3d	27-Jul-23	29-Jul-23	84d
HV Cabling (11kV)		11d	24-Jul-23	04-Aug-23	84d
DP-2I-SS-1940	Traction Power - TPS14 - 11kV Cable - Pull Cable from TPIS (outside substation)	3d	24-Jul-23	26-Jul-23	84d
DP-2I-SS-1960	Traction Power - TPS14 -11kV Cable - Test & Terminate (outside substation)	3d	27-Jul-23	29-Jul-23	84d
DP-2I-SS-2320	Traction Power - TPS14 -TPIS - Post Install Checks	5d	31-Jul-23	04-Aug-23	84d
Energex Notification for Energisation		84d	05-Aug-23	27-Oct-23	133d
DP-2I-SS-2360	Traction Power - TPS14 - 12 weeks Notice To Energex for Energisation	84d	05-Aug-23	27-Oct-23	133d
SAT		155d	24-Jul-23	13-Mar-24	160d
DP-2I-SS-1780	Traction Power - TPS14 - 415V Supply - SAT	8d	24-Jul-23	02-Aug-23	80d
DP-2I-SS-1800	Traction Power - TPS14 - TPS SAT	6d	03-Aug-23	10-Aug-23	271d
DP-2I-SS-2340	Traction Power - TPS14 - Earth Grid SAT	3d	08-Aug-23	10-Aug-23	297d
DP-2I-SS-1660	Traction Power - TPS14 - Precommission Testing by Energex	8d	30-Oct-23	11-Nov-23	68d
DP-2I-SS-1820	Traction Power - TPS14 - 750VDC (+ve) (2no.) - SAT (TPS to Pit)	3d	01-Mar-24	07-Mar-24	154d
DP-2I-SS-1840	Traction Power - TPS14 - 750VDC (-ve) (4no.) - SAT (TPS to Pit)	3d	01-Mar-24	07-Mar-24	154d
DP-2I-ST-2260	Traction Power - TPS14 - Stray Current - SAT (TPS to Pit)	3d	11-Mar-24	13-Mar-24	79d
Energex 415V Metered Supply SAT		1d	20-Mar-23	20-Mar-23	154d
DP-2I-SS-2180	Traction Power - TPS14 - Energex 415 Metered Supply SAT	1d	20-Mar-23	20-Mar-23	154d
TPIS Energisation		4d	13-Nov-23	17-Nov-23	68d
DP-2I-SS-2120	Traction Power - TPS14 - Energex TPIS Energisation	4d	13-Nov-23	17-Nov-23	68d
Energisation from TPIS to 750VDC		3d	28-Oct-24	31-Oct-24	0d
DP-2I-SS-2080	Traction Power - TPS14 - Energisation from TPIS to 750VDC Switchboard	3d	28-Oct-24	31-Oct-24	0d
Energisation with OLE		2d	01-Nov-24	07-Nov-24	0d
DP-2I-SS-2000	Traction Power - TPS14 - Energisation with OLE	2d	01-Nov-24	07-Nov-24	0d
Depot / Stabling Yard Area (Separable Portion A)		924d	08-Jun-21	21-Mar-25	253d
Site Access Dates - Client Nominated		50d	08-Jun-21	16-Aug-21	443d
DP-SA-4-GL01	GL01 - Part of Hollows Way (ITF Facility) - Condition 'M', 'E'	0d	08-Jun-21		493d
DP-SA-4-GL02	GL02 - Part of Parklands Drive (GCUH Station Backup Facitlity) - Condition 'M', 'E'	0d	08-Jun-21		493d
DP-SA-4-GL03	GL03 - Part of Olympic Circuit (Light Rail Depot) - Condition 'M', 'E' (Access to Baratta St)	0d	08-Jun-21		485d
DP-SA-4-DP01	DP01 - Part of Olympic Circuit (Depot Expansion Area) (Access via Olympic Circuit only)	0d	08-Jun-21		493d
DP-SA-4-10	Agreement to Licence - OF3 to construct batter to meet existing natural surface	5d	03-Aug-21	09-Aug-21	448d
DP-SA-4-FENCE	Agreement to Licence - OF3 to construct Depot Fence Line	10d	03-Aug-21	16-Aug-21	435d
DP-SA-4-RW01	RW01 - Part of Baratta St (Formerly CoGC Depot) - Condition 'A', 'E'	0d	10-Aug-21		448d
Enabling Works - EEW-01 Remediation of Stage 3 Stabling Yard by State		0d	10-Aug-21	10-Aug-21	448d
DP-SA-4-EEW-01	EEW-01 Remediation of Stage 3 Stabling Yard done by State	0d		10-Aug-21	448d
Civil Works - Car Park		74d	13-May-22	24-Aug-22	292d
DP-4A-CW-7000	Civil Works - Depot - Car Park - Environmental Controls - Install	2d	13-May-22	16-May-22	295d
DP-4A-CW-7020	Civil Works - Depot - Car Park - Traffic Management - Install	2d	13-May-22	16-May-22	295d



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JOHN HOLLAND

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-4A-CW-7040	Civil Works - Depot - Car Park - Site Delineation Fencing - Install	5d	13-May-22	19-May-22	292d
DP-4A-CW-7060	Civil Works - Depot - Car Park - Clear Site & Demolish Kerbs	4d	20-May-22	25-May-22	292d
DP-4A-CW-7480	Civil Works - Depot - Car Park - PUPS - Identify, Check and Remove Redundant (TE-400-409, 408)	10d	20-May-22	02-Jun-22	296d
DP-4A-CW-7080	Civil Works - Depot - Car Park - Excavate & Prepare Foundation	5d	26-May-22	01-Jun-22	292d
DP-4A-CW-7400	Civil Works - Depot - Car Park - Roof - Foundation - Excavate/Pour/Cure	15d	26-May-22	15-Jun-22	317d
DP-4A-CW-7100	Civil Works - Depot - Car Park - Place Fill	5d	02-Jun-22	08-Jun-22	292d
DP-4A-CW-7140	Civil Works - Depot - Car Park - Install Drainage	5d	06-Jun-22	10-Jun-22	295d
DP-4A-CW-7120	Civil Works - Depot - Car Park - Subgrade Prep	5d	09-Jun-22	15-Jun-22	292d
DP-4A-CW-7160	Civil Works - Depot - Car Park - Place Subbase	5d	16-Jun-22	22-Jun-22	292d
DP-4A-CW-7200	Civil Works - Depot - Car Park - Place Kerb and Channel	10d	23-Jun-22	06-Jul-22	292d
DP-4A-CW-7180	Civil Works - Depot - Car Park - Place Base	5d	07-Jul-22	13-Jul-22	292d
DP-4A-CW-7220	Civil Works - Depot - Car Park - Prime	2d	14-Jul-22	15-Jul-22	292d
DP-4A-CW-7240	Civil Works - Depot - Car Park - Prime Cure Period	3d	16-Jul-22	18-Jul-22	434d
DP-4A-CW-7260	Civil Works - Depot - Car Park - Place asphalt (Incl Prime and Seal)	2d	19-Jul-22	20-Jul-22	292d
DP-4A-CW-7280	Civil Works - Depot - Car Park - Asphalt Cure Period	2d	21-Jul-22	22-Jul-22	457d
DP-4A-CW-7420	Civil Works - Depot - Car Park - Roof - Support Structure Install	10d	21-Jul-22	03-Aug-22	292d
DP-4A-CW-7300	Civil Works - Depot - Car Park - Apply Line Marking	2d	25-Jul-22	26-Jul-22	306d
DP-4A-CW-7460	Civil Works - Depot - Car Park - Covered Walkway - Install	20d	26-Jul-22	22-Aug-22	292d
DP-4A-CW-7320	Civil Works - Depot - Car Park - Topsoil & Landscape	5d	27-Jul-22	02-Aug-22	306d
DP-4A-CW-7340	Civil Works - Depot - Car Park - Install Permanent Fence	5d	27-Jul-22	02-Aug-22	306d
DP-4A-CW-7440	Civil Works - Depot - Car Park - Roof - Install	10d	28-Jul-22	10-Aug-22	300d
DP-4A-CW-7360	Civil Works - Depot - Car Park - Remove Traffic Management & Open Carpark	2d	23-Aug-22	24-Aug-22	292d
Civil Works - Stabling Yard		95d	18-Aug-22	13-Jan-23	199d
DP-4B-EW-1000	Civil Works - Depot - Environmental Controls - Install	4d	18-Aug-22	23-Aug-22	199d
DP-4B-SW-1000	Civil Works - Depot - Decommission Sewer (SE-400-160)	3d	24-Aug-22	29-Aug-22	199d
DP-4B-EW-1260	Civil Works - Depot - Preliminaries - Survey / Saw Cut / Asphalt Removal	1d	30-Aug-22	30-Aug-22	199d
DP-4B-EW-1020	Civil Works - Depot - Excavate - Bulk and Detail excavation	5d	31-Aug-22	07-Sep-22	177d
DP-4B-EW-1520	Civil Works - Depot - PUPs - Identify, Check & Remove Redundant (EL-400-176, 177, 178) (TE-400-407, 408,	5d	01-Sep-22	07-Sep-22	199d
DP-4B-EW-1040	Civil Works - Depot - Excavate - Detail and Final Trim	2d	07-Sep-22	08-Sep-22	199d
DP-4B-EW-1280	Civil Works - Depot - Subgrade Prep - Track 1	1d	09-Sep-22	09-Sep-22	199d
DP-4B-EW-1300	Civil Works - Depot - Subgrade Prep - Track 2	1d	12-Sep-22	12-Sep-22	203d
DP-4B-EW-1320	Civil Works - Depot - Subgrade Prep - Track 3	1d	26-Sep-22	26-Sep-22	198d
DP-4B-DR-1340	Civil Works - Depot - Drainage (Pit Rebuilds)	15d	12-Dec-22	13-Jan-23	199d
DP-4B-CW-7400	Civil Works - Depot - Fencing - Remove Existing (Prior to Possession Period)	5d	09-Jan-23	13-Jan-23	199d
Track Works - Stabling Yard		57d	13-Sep-22	01-Dec-22	184d
DP-4B-CL-1000	CSR Works - Depot - Form / Conduit Install & Transverse joints - Track 1	9d	13-Sep-22	23-Sep-22	198d
DP-4B-CL-1020	CSR Works - Depot - Form / Conduit Install & Transverse joints - Track 2	9d	13-Sep-22	23-Sep-22	203d
DP-4B-TW-1060	Track Works - Depot - Install Reo / Rail and Jig Incl OHW Pole Foundations(CSR) - Track 1 (Extended Engine	7d	26-Sep-22	05-Oct-22	198d
DP-4B-TW-1140	Track Works - Depot - Install Reo / Rail and Jig Incl OHW Pole Foundations (CSR) - Track 2 (Extended Engine	7d	26-Sep-22	05-Oct-22	203d
DP-4B-CL-1040	CSR Works - Depot - Form / Conduit Install & Transverse joints - Track 3	9d	27-Sep-22	10-Oct-22	198d
DP-4B-TW-1120	Track Works - Depot - Install Form and Transverse Joints - Track 1	5d	06-Oct-22	12-Oct-22	198d
DP-4B-TW-1180	Track Works - Depot - Install Reo / Rail and Jig Incl OHW Pole Foundations (CSR)- Track 3 (Extended Engine	7d	11-Oct-22	19-Oct-22	198d
DP-4B-TW-1160	Track Works - Depot - Install Form and Transverse Joints - Track 2	5d	13-Oct-22	19-Oct-22	198d
DP-4B-TW-1200	Track Works - Depot - Install Form and Transverse Joints - Track 3	5d	20-Oct-22	26-Oct-22	198d
DP-4B-TW-1240	Track Works - Depot - Pour Concrete - Tracks 1, 2 & 3 Straights (5 Pours)	5d	27-Oct-22	02-Nov-22	198d
DP-4B-TW-1220	Track Works - Depot - Form Turn Outs and Rail Block Outs (Tracks 1-3)	10d	09-Nov-22	22-Nov-22	184d
DP-4B-TW-1260	Track Works - Depot - Pour Concrete - Turn Outs (2 Pours)	2d	23-Nov-22	24-Nov-22	184d
DP-4B-TW-1280	Track Works - Depot - Cure Slab (Tracks 1, 2, 3 & Turnouts)	7d	25-Nov-22	01-Dec-22	280d
DP-4B-TW-1300	Track Works - Depot - Strip Final Forms and Clean Up	5d	25-Nov-22	01-Dec-22	184d
Track Works - Turn Out Install (Connection Exist to New Stable line)		21d	02-Dec-22	13-Jan-23	184d
DP-4B-TR-1000	Track System - Depot - Install Turnouts (Extended Engineering Hours)	15d	02-Dec-22	22-Dec-22	184d
DP-4B-TR-1020	Track System - Depot - Pour Elastomeric (per Elastomeric) (Extended Engineering Hours)	15d	05-Dec-22	23-Dec-22	184d
DP-4B-TR-1040	Track System - Depot - Finishing Works & Clean Up after Elastomeric Pours (Extended Engineering Hours)	15d	12-Dec-22	13-Jan-23	184d
Traction Power & Overhead Wiring		27d	14-Nov-22	20-Dec-22	207d
CSR Cabling		14d	25-Nov-22	14-Dec-22	211d
LV System		13d	25-Nov-22	13-Dec-22	202d
Distribution Board		2d	25-Nov-22	28-Nov-22	207d
DP-4B-LV-1180	Depot - Yard - Distribution Boards - Install	2d	25-Nov-22	28-Nov-22	207d
LV Cable		13d	25-Nov-22	13-Dec-22	202d
DP-4B-LV-1120	Depot - Yard - LV Cable - Lay Conduits	2d	25-Nov-22	28-Nov-22	202d
DP-4B-LV-1140	Depot - Yard - LV Cable - Cable Pull	5d	29-Nov-22	05-Dec-22	202d
DP-4B-LV-1160	Depot - Yard - LV Cable - Terminate at Distribution Board	3d	06-Dec-22	08-Dec-22	202d
DP-4B-LV-1800	Depot - Yard - LV Power - Verification Checks	2d	09-Dec-22	12-Dec-22	202d
DP-4B-LV-1900	Depot - Yard - LV Power - SAT	1d	13-Dec-22	13-Dec-22	202d
HV Power		7d	06-Dec-22	14-Dec-22	211d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-4B-HC-1040	Depot - Yard - Helper Cables 750VDC (+ve) - Pull Cable (Incl Fit Out Pit)	2d	06-Dec-22	08-Dec-22	192d
DP-4B-HC-1060	Depot - Yard - Helper Cables - Terminate	1d	10-Dec-22	10-Dec-22	192d
DP-4B-HC-1100	Depot - Yard - Helper Cables - SAT	1d	14-Dec-22	14-Dec-22	211d
Stray Current		3d	09-Dec-22	13-Dec-22	211d
DP-4B-ST-1020	Depot - Yard - Stray Current (120mm2) - Pull Cable (Incl Fit Out Pit)	1d	09-Dec-22	09-Dec-22	192d
DP-4B-ST-1060	Depot - Yard - Stray Current - Terminate	1d	12-Dec-22	12-Dec-22	192d
DP-4B-ST-1080	Depot - Yard - Stray Current - SAT	1d	13-Dec-22	13-Dec-22	211d
OLE		27d	14-Nov-22	20-Dec-22	207d
DP-4B-OH-1040	Overhead Wiring - Depot - Pre-Assemble Cantilever Arrangements/Headspans	15d	14-Nov-22	02-Dec-22	202d
DP-4B-OH-1020	Overhead Wiring - Depot - Erect OHW Poles	3d	25-Nov-22	02-Dec-22	183d
DP-4B-OH-1070	Overhead Wiring - Depot - Install Headspans, Cantilevers, Anchors & Jewellery	5d	05-Dec-22	10-Dec-22	183d
DP-4B-OH-1080	Overhead Wiring - Depot - Wire Run	2d	12-Dec-22	13-Dec-22	183d
DP-4B-OH-1090	Overhead Wiring - Depot - Wire Run QA (excluding Tie-in to Existing)	5d	14-Dec-22	20-Dec-22	207d
Earthing & Bonding		5d	05-Dec-22	09-Dec-22	209d
DP-4B-EW-1500	Earthing & Bonding - Depot - All Bonding Complete	5d	05-Dec-22	09-Dec-22	209d
Early Enabling Works (BT)		350d	28-Jun-22	24-Nov-23	184d
TDR 4.1 Control System (T-Visor Platform Update)		325d	28-Jun-22	20-Oct-23	193d
DP-000-BT-3260	BT - T-Visor Platform Update	90d	28-Jun-22	02-Nov-22	308d
DP-000-BT-3270	BT - T-Visor Platform FAT - GCLR Stage 1&2 Configuration (Release 1)	80d	03-Nov-22	09-Mar-23	308d
DP-000-BT-3280	BT - T-Visor Platform SAT/SIT and Cutover (Release 2)	40d	24-Aug-23	20-Oct-23	193d
TDR 4.2 ITF Fibre Optic Cable Remediation		15d	10-Feb-23	02-Mar-23	184d
DP-000-BT-3160	BT - ITF Cable Remediation (UNH)	15d	10-Feb-23	02-Mar-23	184d
TDR 4.3 Installation of New ITF/DRC Fibre Optic Cabling - Dark Fibre		30d	03-Mar-23	17-Apr-23	184d
DP-000-BT-3170	BT - Connection of Dark Fibre to ITF/DRC	10d	03-Mar-23	16-Mar-23	184d
DP-000-BT-3180	BT - Installation of 24 core fibrecable (ITF/DRC Fibre "A")	10d	17-Mar-23	30-Mar-23	184d
DP-000-BT-3190	BT - Installation of 24 core fibrecable (ITF/DRC Fibre "B")	10d	31-Mar-23	17-Apr-23	184d
TDR 4.5 Installation of new BBS ITF/DRC Fibre Optic Cabling - Dark Fibre		10d	18-Apr-23	03-May-23	184d
DP-000-BT-3220	BT - Installation of new BBS ITF/DRC FO Cabling - Dark Fibre	10d	18-Apr-23	03-May-23	184d
TDR 4.4 Installation of new Depot ITF/DRC Fibre Optic Cabling - Dark Fibre		30d	04-May-23	14-Jun-23	184d
DP-000-BT-3200	BT - Depot - Installation of Fibre Optic Works	15d	04-May-23	24-May-23	184d
DP-000-BT-3210	BT - Depot - Communication Network Modifications	15d	25-May-23	14-Jun-23	184d
TDR 4.6 Activition of Dark Fibre, Network testing and stability		60d	15-Jun-23	07-Sep-23	184d
DP-000-BT-3230	BT - Communication Link Activitation - UNH to BBS (Segregated GCLR Stage 3 Network)	15d	15-Jun-23	05-Jul-23	184d
DP-000-BT-3240	BT - Communication Link Activitation - Depot to BBS (Segregated GCLR Stage 3 Network)	15d	06-Jul-23	26-Jul-23	184d
DP-000-BT-3250	BT - Communication - Testing Network Stability and Monitor (Ensuring Stability)	30d	27-Jul-23	07-Sep-23	184d
TDR 4.7 Integrated Testing Facility		15d	08-Sep-23	28-Sep-23	184d
DP-000-BT-2530	BT - Integrated Test Facility (ITF) - Equipment Installation	15d	08-Sep-23	28-Sep-23	184d
TDR 4.8 Disaster Recover Centre - Functionality and Process Verification		40d	29-Sep-23	24-Nov-23	184d
DP-000-BT-3390	BT - DRC Change Over Testing	15d	29-Sep-23	20-Oct-23	184d
DP-000-BT-3400	BT - Operator Familiarisation	15d	23-Oct-23	10-Nov-23	184d
DP-000-BT-3410	BT - ITF and DRC Testing Report	10d	13-Nov-23	24-Nov-23	184d
Rail Systems		655d	14-Jul-22	21-Mar-25	56d
Prerequisites		120d	14-Jul-22	13-Jan-23	189d
DP-4B-RS-1660	Depot - Carpark - CCTV Poles (4 no.) - Excavate/Pour/Cure/Install by D&C Contractor (JH)	6d	14-Jul-22	21-Jul-22	303d
DP-4B-RS-1625	Depot - Yard - CCTV Poles (6 no.) - Excavate/Pour/Cure/Install by D&C Contractor (JH)	6d	23-Dec-22	13-Jan-23	189d
D&C Contractor (JH)		5d	16-Jan-23	20-Jan-23	184d
Stabling Yard		5d	16-Jan-23	20-Jan-23	184d
DP-4B-RS-1580	Depot - Yard - Manual Points Machine Case - Installation by D&C Contractor (JH)	5d	16-Jan-23	20-Jan-23	184d
Bombardier - Separable Portion A		643d	01-Aug-22	21-Mar-25	56d
Stabling Yard		118d	01-Aug-22	30-Jan-23	576d
DP-4B-RS-1560	Bombardier - Supply of Manual Points Machine	0d	01-Aug-22		249d
DP-4B-RS-1540	Depot - Yard - Wayside Cabinet - Supply, Install, Cabling & Terminate by BT	5d	16-Jan-23	20-Jan-23	189d
DP-4B-RS-1600	Depot - Yard - BT CCTV - Supply, Install, Cabling & Terminate by BT	5d	16-Jan-23	20-Jan-23	581d
DP-4B-RS-1680	Depot - Yard - Manual Points Machine - Installation of Manual Points Machine & Rodding by BT	5d	23-Jan-23	30-Jan-23	184d
Car Park		2d	16-Jan-23	17-Jan-23	546d
DP-4B-RS-1605	Depot - Carpark - BT CCTV - Supply, Install, Cabling & Terminate by BT	2d	16-Jan-23	17-Jan-23	546d
OCC		5d	16-Jan-23	20-Jan-23	581d
DP-4B-RS-1665	Depot - OCC - Digital CCTV Recorders - CCTV integration with existing CCTV servers by BT	5d	16-Jan-23	20-Jan-23	581d
DP-4B-RS-1685	Depot - WiFI Upgrade for New Stabling Roads	5d	16-Jan-23	20-Jan-23	189d
SAT		530d	23-Jan-23	21-Mar-25	56d
DP-4B-RS-1700	Depot - WiFi - SAT by BT	5d	23-Jan-23	30-Jan-23	189d
DP-4B-RS-1780	Depot - Yard - Manual Points Machine - SAT by BT	5d	31-Jan-23	06-Feb-23	184d
DP-4B-RS-1860	Depot - Carpark & Yard - BT CCTV - SAT by BT	5d	17-Mar-25	21-Mar-25	56d
Commissioning		29d	13-Dec-22	06-Feb-23	184d
DP-4B-RS-3430	BT - Depot - T-Visor Platform Patch / Configuration (CCTV and WiFi)	2d	13-Dec-22	14-Dec-22	189d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
DP-4B-RS-3340	BT - Separable Portion A - Installation Commissioning	18d	11-Jan-23	06-Feb-23	184d
Building Works		81d	24-May-22	14-Sep-22	275d
DP-4B-BW-1000	Building Works - Depot - Administration Area - Modifications	30d	24-May-22	04-Jul-22	286d
DP-4B-BW-1020	Building Works - Depot - Administration Area - Fitout New Offices	40d	20-Jul-22	14-Sep-22	275d
DP-4B-BW-1040	Building Works - Depot - Administration Area - Ready for Commissioning	0d		14-Sep-22	275d
Fire System		30d	02-Dec-22	27-Jan-23	193d
DP-4B-FS-1000	Depot - Fire System Install	20d	02-Dec-22	12-Jan-23	193d
DP-4B-FS-1020	Depot - Fire System SAT	10d	13-Jan-23	27-Jan-23	193d
Commissioning		30d	11-Jan-23	09-Feb-23	266d
DP-4B-CW-7440	Possession Works - Depot - OHW - Install Isolation	3d	11-Jan-23	13-Jan-23	290d
DP-4B-CW-5320	Possession Works - Depot - Track - Connection to Existing through "A" Turnout	3d	14-Jan-23	16-Jan-23	290d
OLE Possession Works		3d	07-Feb-23	09-Feb-23	266d
Prior to Extended Engineering Hours		3d	07-Feb-23	09-Feb-23	266d
DP-4B-CW-7420	Shift 1 - OHL Wiring Crew sign in and Safety Brief by PO under localised possession. Crew on Standby with wir	1d	07-Feb-23	07-Feb-23	266d
DP-4B-CW-7620	Shift 2 - OHL Wiring Crew sign in OHL Crew back off and QA super tensioned equipment.Crew on Standby for	1d	08-Feb-23	08-Feb-23	266d
DP-4B-CW-7640	Shift 3 - OHL Wiring Crew sign in	1d	09-Feb-23	09-Feb-23	266d
Extended Engineering Hours		3d	07-Feb-23	09-Feb-23	266d
DP-4B-CW-2040	Shift 1 - Issue Isolation Permit and Safety Brief by PO, Commence Final Section of Interconnection Wire Run	0d	07-Feb-23		266d
DP-4B-CW-7480	Shift 1 - Wire run to specified termination anchor and super tensioned	1d	07-Feb-23	07-Feb-23	266d
DP-4B-CW-7500	Shift 1 - PermanentlyEarth Wire to Rail or at newly installed section insulator (if required)	1d	07-Feb-23	07-Feb-23	266d
DP-4B-CW-7520	Shift 1 - Wires clipped and made mechanically safe, Return machines to new depot side, Sign off all electrical pe	1d	07-Feb-23	07-Feb-23	266d
DP-4B-CW-7540	Shift 2 - Issued Isolation Permit and Safety Brief by PO	0d	08-Feb-23		267d
DP-4B-CW-7560	Shift 2 - OHL to be clipped into final design position from overlap and turnout intersection. Ensure pentograph se	1d	08-Feb-23	08-Feb-23	266d
DP-4B-CW-7580	Shift 2 - Final Pantograph inspection for entire tension length with consortium partners	1d	08-Feb-23	08-Feb-23	266d
DP-4B-CW-7600	Shift 2 - Return machines to new depot side, Sign off all electrical permits	1d	08-Feb-23	08-Feb-23	266d
DP-4B-CW-7660	Shift 3 - Issued Isolation Permit and Safety Brief by PO	0d	09-Feb-23		267d
DP-4B-CW-7740	Shift 3 - Wait for control to be given to nominated commissioning engineer	0d	09-Feb-23		266d
DP-4B-CW-7680	Shift 3 - Connect the electrical feeding and continuity jumpers to connecting the new and existing overhead line	1d	09-Feb-23	09-Feb-23	266d
DP-4B-CW-7700	Shift 3 - Remove permanent earths from the newly constructed wires	1d	09-Feb-23	09-Feb-23	266d
DP-4B-CW-7720	Shift 3 - Create Exclusion Zones for commissioning. Return Permits and giveup Isolation	1d	09-Feb-23	09-Feb-23	266d
DP-4B-CW-7760	Shift 3 - Conduct Continuity Test & Section Proving Checks with O&M Electrical Control Rm Operator & Commis	1d	09-Feb-23	09-Feb-23	266d
Return Works		199d	24-Aug-22	22-Jun-23	679d
Car Park		22d	24-Aug-22	26-Sep-22	856d
DP-4A-SA-RW-1000	Returned Works - Car Park Works Complete by D&C Contractor (JH)	0d		24-Aug-22	856d
DP-4A-SA-RW-1020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlinQ3)	1d	25-Aug-22	25-Aug-22	859d
DP-4A-SA-RW-1060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to (	5d	25-Aug-22	01-Sep-22	856d
DP-4A-SA-RW-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	29-Aug-22	29-Aug-22	859d
DP-4A-SA-RW-1180	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	29-Aug-22	29-Aug-22	859d
DP-4A-SA-RW-1160	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	30-Aug-22		876d
DP-4A-SA-RW-1080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	02-Sep-22	02-Sep-22	856d
DP-4A-SA-RW-1100	Returned Works - IV & State - Review	15d	05-Sep-22	23-Sep-22	856d
DP-4A-SA-RW-1120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	20-Sep-22	20-Sep-22	859d
DP-4A-SA-RW-1200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	26-Sep-22	26-Sep-22	856d
DP-4A-SA-RW-1140	Returned Works - Facility / Area Completed	0d		26-Sep-22	856d
Stabling Yard		22d	23-May-23	22-Jun-23	679d
DP-4B-SA-RW-1000	Returned Works - Stabling Yard Works Complete by D&C Contractor (JH)	0d		23-May-23	679d
DP-4B-SA-RW-1020	Returned Works - D&C Contractor (JH) notifies OF3 (GoldlinQ3)	1d	24-May-23	24-May-23	682d
DP-4B-SA-RW-1060	Returned Works - D&C Contractor (JH) Issues Conformance/Compliance Report, As-Built Info & Certificate to (	5d	24-May-23	30-May-23	679d
DP-4B-SA-RW-1040	Returned Works - Hand Over notice Issued to State & IV by OF3 (GoldlinQ3)	1d	25-May-23	25-May-23	682d
DP-4B-SA-RW-1180	Returned Works - OF3 (GoldlinQ3) Undertakes Post Construction Condition Survey	1d	25-May-23	25-May-23	682d
DP-4B-SA-RW-1160	Returned Works - Commence OF3 (GoldlinQ3) - 24 Months Defects Liability Period Cl 18.3 & 18.4	0d	26-May-23		699d
DP-4B-SA-RW-1080	Returned Works - Conformance Report & Certificate Issued to State & IV by OF3 (GoldlinQ3) Cl 18.2 c i	1d	31-May-23	31-May-23	679d
DP-4B-SA-RW-1100	Returned Works - IV & State - Review	15d	01-Jun-23	21-Jun-23	679d
DP-4B-SA-RW-1120	Returned Works - IV Inspects Returned Works (within 15 BD of OF3 giving notice) Cl 18.2 c ii	1d	16-Jun-23	16-Jun-23	682d
DP-4B-SA-RW-1200	Returned Works - IV - Issues Certificate of Completion to State and OF3 (GoldlinQ3)	1d	22-Jun-23	22-Jun-23	679d
DP-4B-SA-RW-1140	Returned Works - Facility / Area Completed	0d		22-Jun-23	679d
Rail Grinding		19d	10-Jul-24	02-Aug-24	80d
DP-CW-RS-1000	Rail Grinding to Profile	19d	10-Jul-24	02-Aug-24	80d
Rail Systems Core Scope		271d	14-Feb-24	21-Mar-25	56d
Signalling		163d	14-Feb-24	04-Oct-24	20d
Signalling/ITS Wayside Equipment		163d	14-Feb-24	04-Oct-24	20d
Broadbeach South Station to Mermaid Beach Station		40d	14-Feb-24	11-Apr-24	122d
CW-N-SIG-1000	Broadbeach South Station to Mermaid Beach Station - Install Wayside Equipment	40d	14-Feb-24	11-Apr-24	122d
CW-N-SIG-1002	Broadbeach South Station to Mermaid Beach Station - Loop - Cable, Terminate Loop	40d	14-Feb-24	11-Apr-24	122d
CW-N-SIG-1006	Broadbeach South Station to Mermaid Beach Station - Power Points Indicators (3no) - Rodding, Cable, Termina	40d	14-Feb-24	11-Apr-24	122d



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CW-N-SIG-1008	Broadbeach South Station to Mermaid Beach Station - Powered Track Circuits - Cable, Terminate	40d	14-Feb-24	11-Apr-24	122d
CW-N-SIG-1004	Broadbeach South Station to Mermaid Beach Station - Points Machine Case (3no) - Install Rodding	40d	14-Feb-24	11-Apr-24	122d
CW-N-SIG-1012	Broadbeach South Station to Mermaid Beach Station - CCTV - Install with booster, Cable, Terminate (Booster-if	40d	14-Feb-24	11-Apr-24	122d
Mermaid Beach Station to Mermaid Beach South Station		10d	31-May-24	13-Jun-24	85d
CW-N-SIG-1020	Mermaid Beach Station to Mermaid Beach South Station - Install Wayside Equipment	10d	31-May-24	13-Jun-24	70d
CW-N-SIG-1022	Mermaid Beach Station to Mermaid Beach South Station - Loop - Cable, Terminate Loop	10d	31-May-24	13-Jun-24	85d
Mermaid Beach South to Nobby Beach Station		10d	14-Jun-24	27-Jun-24	85d
CW-N-SIG-1040	Mermaid Beach South to Nobby Beach Station - Install Wayside Equipment	10d	14-Jun-24	27-Jun-24	70d
CW-N-SIG-1042	Mermaid Beach South to Nobby Beach Station - Loop - Cable, Terminate Loop	10d	14-Jun-24	27-Jun-24	85d
Nobby Beach Station to Miami North Station		10d	28-Jun-24	11-Jul-24	78d
CW-N-SIG-1060	Nobby Beach Station to Miami North Station - Install Wayside Equipment	10d	28-Jun-24	11-Jul-24	53d
CW-N-SIG-1062	Nobby Beach Station to Miami North Station - Loop - Cable, Terminate Loop	10d	28-Jun-24	11-Jul-24	78d
CW-N-SIG-1066	Nobby Beach Station to Miami North Station - Points Indicators - Install	10d	28-Jun-24	11-Jul-24	78d
CW-N-SIG-1064	Nobby Beach Station to Miami North Station - Manual Points Machine Case - Install Rodding	10d	28-Jun-24	11-Jul-24	78d
CW-N-SIG-1072	Nobby Beach Station to Miami North Station - CCTV - Install with booster, Cable, Terminate (Booster-if required	10d	28-Jun-24	11-Jul-24	78d
Miami North Station to Miami Station		10d	12-Jul-24	25-Jul-24	65d
CW-S-SIG-1000	Miami North Station to Miami Station - Install Wayside Equipment	10d	12-Jul-24	25-Jul-24	50d
CW-S-SIG-1002	Miami North Station to Miami Station - Loop - Cable, Terminate Loop	10d	12-Jul-24	25-Jul-24	65d
Miami Station to Christine Ave Station		12d	26-Jul-24	12-Aug-24	48d
CW-S-SIG-1014	Miami Station to Christine Ave Station - Install Wayside Equipment	12d	26-Jul-24	12-Aug-24	40d
CW-S-SIG-1016	Miami Station to Christine Ave Station - Loop - Cable, Terminate Loop	12d	26-Jul-24	12-Aug-24	48d
Christine Ave Station to 2nd Ave Burleigh Station		10d	05-Sep-24	18-Sep-24	27d
CW-S-SIG-1028	Christine Ave Station to 2nd Ave Burleigh Station - Install Wayside Equipment	10d	05-Sep-24	18-Sep-24	16d
CW-S-SIG-1030	Christine Ave Station to 2nd Ave Burleigh Station - Loop - Cable, Terminate Loop	10d	05-Sep-24	18-Sep-24	27d
2nd Ave Burleigh Station to Burleigh Station		12d	19-Sep-24	04-Oct-24	20d
CW-S-SIG-1042	Second Ave Burleigh Station to Burleigh Station - Install Wayside Equipment	12d	19-Sep-24	04-Oct-24	0d
CW-S-SIG-1044	Second Ave Burleigh Station to Burleigh Station - Loop - Cable, Terminate Loop	12d	19-Sep-24	04-Oct-24	20d
CW-S-SIG-1048	Second Ave Burleigh Station to Burleigh Station - Points Indicators - Rodding, Cable, Terminate	12d	19-Sep-24	04-Oct-24	20d
CW-S-SIG-1046	Second Ave Burleigh Station to Burleigh Station - Manual Points Machine Case - Install Rodding	12d	19-Sep-24	04-Oct-24	20d
CW-S-SIG-1054	Second Ave Burleigh Station to Burleigh Station - CCTV - Install with booster, Cable, Terminate (Booster-if requi	12d	19-Sep-24	04-Oct-24	20d
Communications		171d	14-Feb-24	17-Oct-24	7d
TPS		83d	31-May-24	25-Sep-24	9d
Mermaid Beach Station to Mermaid Beach South Station		5d	31-May-24	06-Jun-24	74d
CW-1E-TPS11-1000	TPS11 - 1GBPS Ring - Pull Cables	2d	31-May-24	03-Jun-24	74d
CW-1E-TPS11-1020	TPS11 - 1GBPS Ring - Test Cables (OTDR)	1d	04-Jun-24	04-Jun-24	74d
CW-1E-TPS11-1040	TPS11 - 1GBPS Ring - Terminate to FOBOT	2d	05-Jun-24	06-Jun-24	74d
Nobby Beach Station to Miami North Station		5d	28-Jun-24	04-Jul-24	57d
CW-1K-TPS12-1000	TPS12 - 1GBPS Ring - Pull Cables	2d	28-Jun-24	01-Jul-24	57d
CW-1K-TPS12-1020	TPS12 - 1GBPS Ring - Test Cables (OTDR)	1d	02-Jul-24	02-Jul-24	57d
CW-1K-TPS12-1040	TPS12 - 1GBPS Ring - Terminate to FOBOT	2d	03-Jul-24	04-Jul-24	57d
Christine Ave Station to 2nd Ave Burleigh Station		5d	05-Sep-24	11-Sep-24	16d
CW-2B-TPS13-1000	TPS13 - 1GBPS Ring - Pull Cables	2d	05-Sep-24	06-Sep-24	16d
CW-2B-TPS13-1020	TPS13 - 1GBPS Ring - Test Cables (OTDR)	1d	09-Sep-24	09-Sep-24	16d
CW-2B-TPS13-1040	TPS13 - 1GBPS Ring - Terminate to FOBOT	2d	10-Sep-24	11-Sep-24	16d
2nd Ave Burleigh Station to Burleigh Station		5d	19-Sep-24	25-Sep-24	9d
CW-2I-TPS14-1000	TPS14 - 1GBPS Ring - Pull Cables	2d	19-Sep-24	20-Sep-24	9d
CW-2I-TPS14-1020	TPS14 - 1GBPS Ring - Test Cables (OTDR)	1d	23-Sep-24	23-Sep-24	9d
CW-2I-TPS14-1040	TPS14 - 1GBPS Ring - Terminate to FOBOT	2d	24-Sep-24	25-Sep-24	9d
Radio Base Stations		84d	07-Jun-24	03-Oct-24	9d
Mermaid Beach Station to Mermaid Beach South Station		6d	07-Jun-24	14-Jun-24	74d
CW-1E-TPS11-1100	TPS11 - Tetra Radio - LV Cable between Antenna & Tetra Cabinet by D&C Contractor (JH)	1d	07-Jun-24	07-Jun-24	76d
CW-1E-TPS11-1080	TPS11 - Tetra Radio - Install Tetra Cabinet by BT	2d	07-Jun-24	10-Jun-24	74d
CW-1E-TPS11-1120	TPS11 - Tetra Radio - Erect Antenna by D&C Contractor (JH)	1d	11-Jun-24	11-Jun-24	74d
CW-1E-TPS11-1140	TPS11 - Tetra Radio - Cable & Test from Local Route to Tetra Comms Cabinet by BT	3d	12-Jun-24	14-Jun-24	74d
Nobby Beach Station to Miami North Station		6d	05-Jul-24	12-Jul-24	57d
CW-1K-TPS12-1100	TPS12 - Tetra Radio - LV Cable between Antenna & Tetra Cabinet by D&C Contractor (JH)	1d	05-Jul-24	05-Jul-24	59d
CW-1K-TPS12-1080	TPS12 - Tetra Radio - Install Tetra Cabinet by BT	2d	05-Jul-24	08-Jul-24	57d
CW-1K-TPS12-1120	TPS12 - Tetra Radio - Erect Antenna by D&C Contractor (JH)	1d	09-Jul-24	09-Jul-24	57d
CW-1K-TPS12-1140	TPS12 - Tetra Radio - Cable & Test from Local Route to Tetra Comms Cabinet by BT	3d	10-Jul-24	12-Jul-24	57d
Christine Ave Station to 2nd Ave Burleigh Station		6d	12-Sep-24	19-Sep-24	16d
CW-2B-TPS13-1100	TPS13 - Tetra Radio - LV Cable to Tetra Equipment (by D&C JH)	1d	12-Sep-24	12-Sep-24	18d
CW-2B-TPS13-1080	TPS13 - Tetra Radio - Install Tetra Cabinet by BT	2d	12-Sep-24	13-Sep-24	16d
CW-2B-TPS13-1120	TPS13 - Tetra Radio - Erect Antenna by D&C Contractor (JH)	1d	16-Sep-24	16-Sep-24	16d
CW-2B-TPS13-1140	TPS13 - Tetra Radio - Cable & Test from TPS to Tetra Comms Cabinet by BT	3d	17-Sep-24	19-Sep-24	16d
2nd Ave Burleigh Station to Burleigh Station		6d	26-Sep-24	03-Oct-24	9d



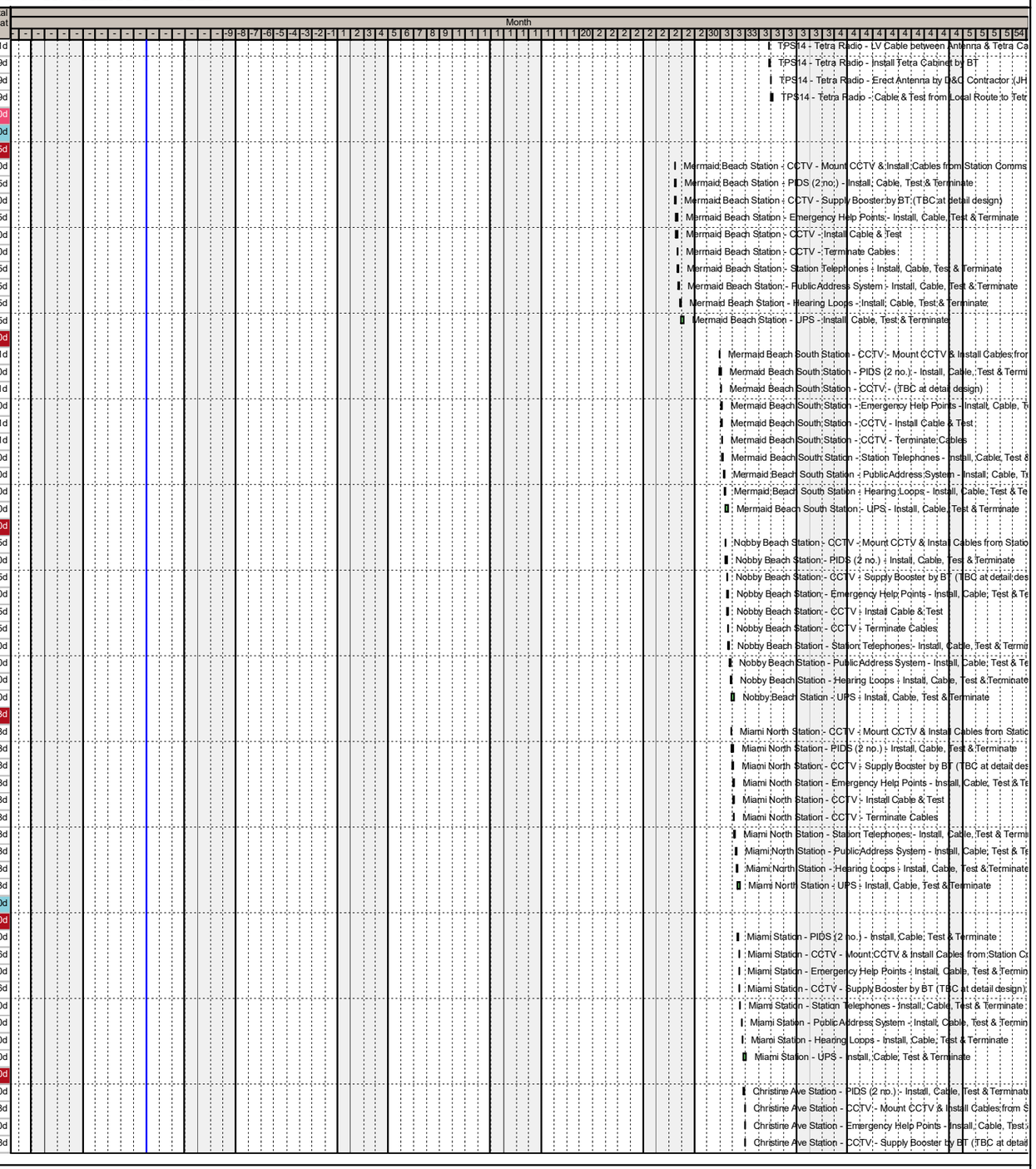
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CW-2I-TPS14-1100	TPS14 - Tetra Radio - LV Cable between Antenna & Tetra Cabinet by D&C Contractor (JH)	1d	26-Sep-24	26-Sep-24	11d
CW-2I-TPS14-1080	TPS14 - Tetra Radio - Install Tetra Cabinet by BT	2d	26-Sep-24	27-Sep-24	9d
CW-2I-TPS14-1120	TPS14 - Tetra Radio - Erect Antenna by D&C Contractor (JH)	1d	30-Sep-24	30-Sep-24	9d
CW-2I-TPS14-1140	TPS14 - Tetra Radio - Cable & Test from Local Route to Tetra Comms Cabinet by BT	3d	01-Oct-24	03-Oct-24	9d
Station Equipment		171d	14-Feb-24	17-Oct-24	0d
North		108d	14-Feb-24	18-Jul-24	60d
Broadbeach South Station to Mermaid Beach Station		15d	14-Feb-24	05-Mar-24	135d
CW-I58-SE-1090	Mermaid Beach Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	14-Feb-24	14-Feb-24	140d
CW-I58-SE-1000	Mermaid Beach Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	14-Feb-24	15-Feb-24	135d
CW-I58-SE-1092	Mermaid Beach Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	15-Feb-24	15-Feb-24	140d
CW-I58-SE-1020	Mermaid Beach Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	16-Feb-24	19-Feb-24	135d
CW-I58-SE-1094	Mermaid Beach Station - CCTV - Install Cable & Test	2d	16-Feb-24	19-Feb-24	140d
CW-I58-SE-1096	Mermaid Beach Station - CCTV - Terminate Cables	1d	20-Feb-24	20-Feb-24	140d
CW-I58-SE-1040	Mermaid Beach Station - Station Telephones - Install, Cable, Test & Terminate	2d	20-Feb-24	21-Feb-24	135d
CW-I58-SE-1060	Mermaid Beach Station - PublicAddress System - Install, Cable, Test & Terminate	2d	22-Feb-24	23-Feb-24	135d
CW-I58-SE-1080	Mermaid Beach Station - Hearing Loops - Install, Cable, Test & Terminate	2d	26-Feb-24	27-Feb-24	135d
CW-I58-SE-1100	Mermaid Beach Station - UPS - Install, Cable, Test & Terminate	5d	28-Feb-24	05-Mar-24	135d
Mermaid Beach Station to Mermaid Beach South Station		15d	31-May-24	20-Jun-24	70d
CW-1F-SE-1090	Mermaid Beach South Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	31-May-24	31-May-24	71d
CW-1F-SE-1000	Mermaid Beach South Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	31-May-24	03-Jun-24	70d
CW-1F-SE-1092	Mermaid Beach South Station - CCTV - (TBC at detail design)	1d	03-Jun-24	03-Jun-24	71d
CW-1F-SE-1020	Mermaid Beach South Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	04-Jun-24	05-Jun-24	70d
CW-1F-SE-1094	Mermaid Beach South Station - CCTV - Install Cable & Test	2d	04-Jun-24	05-Jun-24	71d
CW-1F-SE-1096	Mermaid Beach South Station - CCTV - Terminate Cables	1d	06-Jun-24	06-Jun-24	71d
CW-1F-SE-1040	Mermaid Beach South Station - Station Telephones - Install, Cable, Test & Terminate	2d	06-Jun-24	07-Jun-24	70d
CW-1F-SE-1060	Mermaid Beach South Station - PublicAddress System - Install, Cable, Test & Terminate	2d	10-Jun-24	11-Jun-24	70d
CW-1F-SE-1080	Mermaid Beach South Station - Hearing Loops - Install, Cable, Test & Terminate	2d	12-Jun-24	13-Jun-24	70d
CW-1F-SE-1120	Mermaid Beach South Station - UPS - Install, Cable, Test & Terminate	5d	14-Jun-24	20-Jun-24	70d
Mermaid Beach South to Nobby Beach Station		15d	14-Jun-24	04-Jul-24	70d
CW-1H-SE-1090	Nobby Beach Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	14-Jun-24	14-Jun-24	75d
CW-1H-SE-1000	Nobby Beach Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	14-Jun-24	17-Jun-24	70d
CW-1H-SE-1092	Nobby Beach Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	17-Jun-24	17-Jun-24	75d
CW-1H-SE-1020	Nobby Beach Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	18-Jun-24	19-Jun-24	70d
CW-1H-SE-1094	Nobby Beach Station - CCTV - Install Cable & Test	2d	18-Jun-24	19-Jun-24	75d
CW-1H-SE-1096	Nobby Beach Station - CCTV - Terminate Cables	1d	20-Jun-24	20-Jun-24	75d
CW-1H-SE-1040	Nobby Beach Station - Station Telephones - Install, Cable, Test & Terminate	2d	20-Jun-24	21-Jun-24	70d
CW-1H-SE-1060	Nobby Beach Station - PublicAddress System - Install, Cable, Test & Terminate	2d	24-Jun-24	25-Jun-24	70d
CW-1H-SE-1080	Nobby Beach Station - Hearing Loops - Install, Cable, Test & Terminate	2d	26-Jun-24	27-Jun-24	70d
CW-1F-SE-1140	Nobby Beach Station - UPS - Install, Cable, Test & Terminate	5d	28-Jun-24	04-Jul-24	70d
Nobby Beach Station to Miami North Station		15d	28-Jun-24	18-Jul-24	53d
CW-1K-SE-1090	Miami North Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	28-Jun-24	28-Jun-24	58d
CW-1K-SE-1000	Miami North Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	28-Jun-24	01-Jul-24	53d
CW-1K-SE-1092	Miami North Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	01-Jul-24	01-Jul-24	58d
CW-1K-SE-1020	Miami North Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	02-Jul-24	03-Jul-24	53d
CW-1K-SE-1094	Miami North Station - CCTV - Install Cable & Test	2d	02-Jul-24	03-Jul-24	58d
CW-1K-SE-1096	Miami North Station - CCTV - Terminate Cables	1d	04-Jul-24	04-Jul-24	58d
CW-1K-SE-1040	Miami North Station - Station Telephones - Install, Cable, Test & Terminate	2d	04-Jul-24	05-Jul-24	53d
CW-1K-SE-1060	Miami North Station - PublicAddress System - Install, Cable, Test & Terminate	2d	08-Jul-24	09-Jul-24	53d
CW-1K-SE-1080	Miami North Station - Hearing Loops - Install, Cable, Test & Terminate	2d	10-Jul-24	11-Jul-24	53d
CW-1K-SE-1160	Miami North Station - UPS - Install, Cable, Test & Terminate	5d	12-Jul-24	18-Jul-24	53d
South		68d	12-Jul-24	17-Oct-24	0d
Miami North Station to Miami Station		15d	12-Jul-24	01-Aug-24	50d
CW-2A-SE-1000	Miami Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	12-Jul-24	15-Jul-24	50d
CW-2A-SE-1090	Miami Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	16-Jul-24	16-Jul-24	56d
CW-2A-SE-1020	Miami Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	16-Jul-24	17-Jul-24	50d
CW-2A-SE-1092	Miami Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	17-Jul-24	17-Jul-24	56d
CW-2A-SE-1040	Miami Station - Station Telephones - Install, Cable, Test & Terminate	2d	18-Jul-24	19-Jul-24	50d
CW-2A-SE-1060	Miami Station - PublicAddress System - Install, Cable, Test & Terminate	2d	22-Jul-24	23-Jul-24	50d
CW-2A-SE-1080	Miami Station - Hearing Loops - Install, Cable, Test & Terminate	2d	24-Jul-24	25-Jul-24	50d
CW-2A-SE-1116	Miami Station - UPS - Install, Cable, Test & Terminate	5d	26-Jul-24	01-Aug-24	50d
Miami Station to Christine Ave Station		15d	26-Jul-24	15-Aug-24	40d
CW-2B-SE-1000	Christine Ave Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	26-Jul-24	29-Jul-24	40d
CW-2B-SE-1090	Christine Ave Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	30-Jul-24	30-Jul-24	48d
CW-2B-SE-1020	Christine Ave Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	30-Jul-24	31-Jul-24	40d
CW-2B-SE-1092	Christine Ave Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	31-Jul-24	31-Jul-24	48d



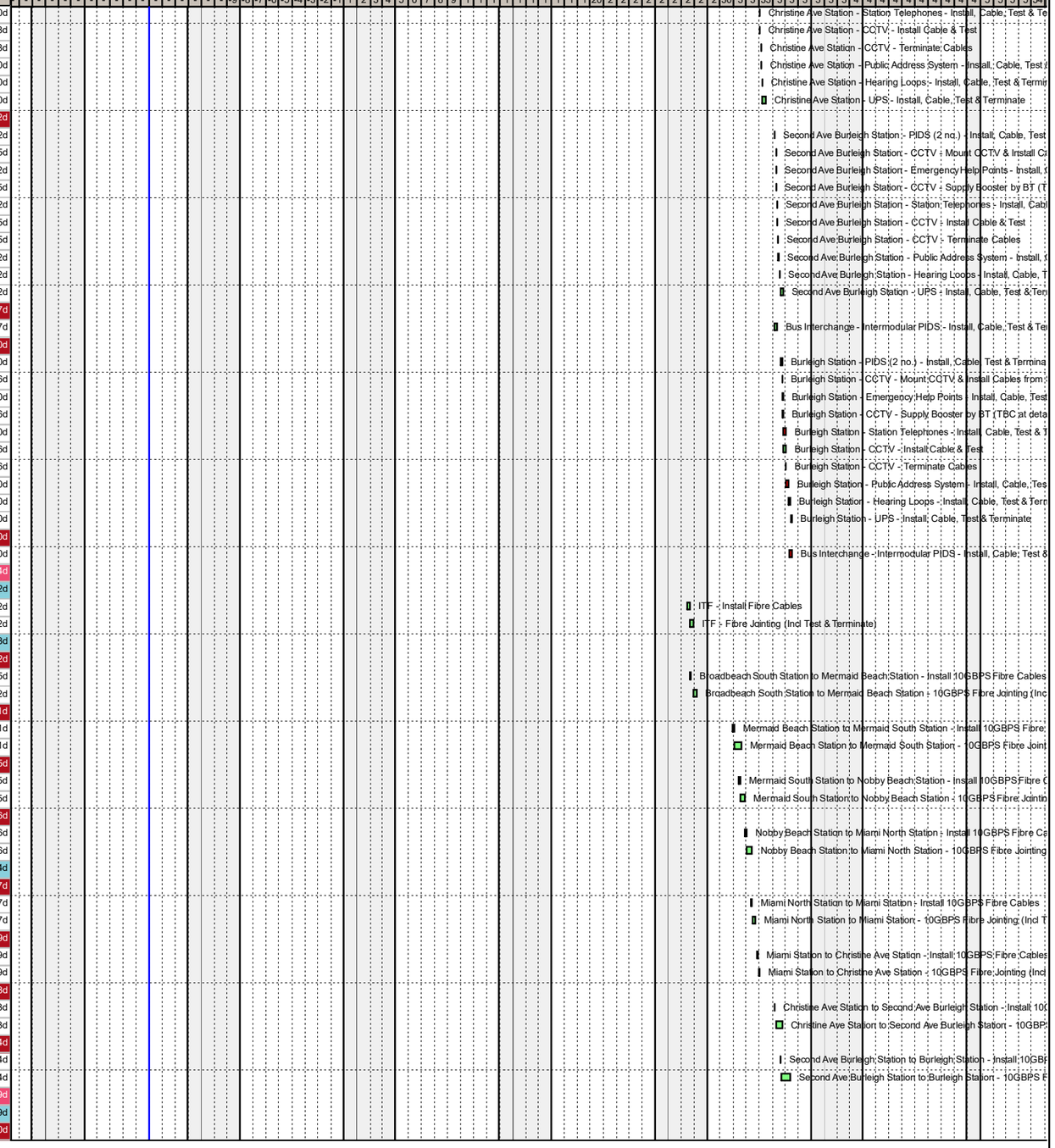
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CW-2B-SE-1040	Christine Ave Station - Station Telephones - Install, Cable, Test & Terminate	2d	01-Aug-24	02-Aug-24	40d
CW-2B-SE-1094	Christine Ave Station - CCTV - Install Cable & Test	2d	01-Aug-24	02-Aug-24	48d
CW-2B-SE-1096	Christine Ave Station - CCTV - Terminate Cables	1d	05-Aug-24	05-Aug-24	48d
CW-2B-SE-1060	Christine Ave Station - Public Address System - Install, Cable, Test & Terminate	2d	05-Aug-24	06-Aug-24	40d
CW-2B-SE-1080	Christine Ave Station - Hearing Loops - Install, Cable, Test & Terminate	2d	07-Aug-24	08-Aug-24	40d
CW-2B-SE-1116	Christine Ave Station - UPS - Install, Cable, Test & Terminate	5d	09-Aug-24	15-Aug-24	40d
Christine Ave Station to 2nd Ave Burleigh Station		15d	05-Sep-24	25-Sep-24	12d
CW-2D-SE-1000	Second Ave Burleigh Station - PIDS (2 no.) - Install, Cable, Test & Terminate	2d	05-Sep-24	06-Sep-24	12d
CW-2D-SE-1090	Second Ave Burleigh Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	09-Sep-24	09-Sep-24	15d
CW-2D-SE-1020	Second Ave Burleigh Station - Emergency Help Points - Install, Cable, Test & Terminate	2d	09-Sep-24	10-Sep-24	12d
CW-2D-SE-1092	Second Ave Burleigh Station - CCTV - Supply Booster by BT (TBC at detail design)	1d	10-Sep-24	10-Sep-24	15d
CW-2D-SE-1040	Second Ave Burleigh Station - Station Telephones - Install, Cable, Test & Terminate	2d	11-Sep-24	12-Sep-24	12d
CW-2D-SE-1094	Second Ave Burleigh Station - CCTV - Install Cable & Test	2d	11-Sep-24	12-Sep-24	15d
CW-2D-SE-1096	Second Ave Burleigh Station - CCTV - Terminate Cables	1d	13-Sep-24	13-Sep-24	15d
CW-2D-SE-1060	Second Ave Burleigh Station - Public Address System - Install, Cable, Test & Terminate	2d	13-Sep-24	16-Sep-24	12d
CW-2D-SE-1080	Second Ave Burleigh Station - Hearing Loops - Install, Cable, Test & Terminate	2d	17-Sep-24	18-Sep-24	12d
CW-2D-SE-1116	Second Ave Burleigh Station - UPS - Install, Cable, Test & Terminate	5d	19-Sep-24	25-Sep-24	12d
Christine Ave Station to 2nd Ave Burleigh Station (BUS INTERCHANGE)		5d	05-Sep-24	11-Sep-24	17d
DP-2D-SE-1020	Bus Interchange - Intermodular PIDS - Install, Cable, Test & Terminate	5d	05-Sep-24	11-Sep-24	17d
2nd Ave Burleigh Station to Burleigh Station		20d	19-Sep-24	17-Oct-24	0d
CW-2I-SE-1000	Burleigh Station - PIDS (2 no.) - Install, Cable, Test & Terminate	3d	19-Sep-24	23-Sep-24	0d
CW-2I-SE-1090	Burleigh Station - CCTV - Mount CCTV & Install Cables from Station Comms Enclosure to CCTV	1d	24-Sep-24	24-Sep-24	6d
CW-2I-SE-1020	Burleigh Station - Emergency Help Points - Install, Cable, Test & Terminate	3d	24-Sep-24	26-Sep-24	0d
CW-2I-SE-1092	Burleigh Station - CCTV - Supply Booster by BT (TBC at detail design)	2d	25-Sep-24	26-Sep-24	6d
CW-2I-SE-1040	Burleigh Station - Station Telephones - Install, Cable, Test & Terminate	3d	27-Sep-24	01-Oct-24	0d
CW-2I-SE-1094	Burleigh Station - CCTV - Install Cable & Test	3d	27-Sep-24	01-Oct-24	6d
CW-2I-SE-1096	Burleigh Station - CCTV - Terminate Cables	1d	02-Oct-24	02-Oct-24	6d
CW-2I-SE-1060	Burleigh Station - Public Address System - Install, Cable, Test & Terminate	4d	02-Oct-24	08-Oct-24	0d
CW-2I-SE-1080	Burleigh Station - Hearing Loops - Install, Cable, Test & Terminate	3d	09-Oct-24	11-Oct-24	0d
CW-2I-SE-1116	Burleigh Station - UPS - Install, Cable, Test & Terminate	4d	14-Oct-24	17-Oct-24	0d
2nd Ave Burleigh Station to Burleigh Station (BUS INTERCHANGE)		5d	11-Oct-24	17-Oct-24	0d
DP-1A-RS-S0010	Bus Interchange - Intermodular PIDS - Install, Cable, Test & Terminate	5d	11-Oct-24	17-Oct-24	0d
Main Fibre Optic Network		167d	14-Feb-24	11-Oct-24	4d
Integrated Testing Facility		10d	14-Feb-24	27-Feb-24	132d
CW-N-COMM-1000	ITF - Install Fibre Cables	5d	14-Feb-24	20-Feb-24	132d
CW-N-COMM-1020	ITF - Fibre Jointing (Incl Test & Terminate)	5d	21-Feb-24	27-Feb-24	132d
North		100d	21-Feb-24	15-Jul-24	63d
Broadbeach South Station to Mermaid Beach Station		13d	21-Feb-24	08-Mar-24	132d
CW-N-COMM-1040	Broadbeach South Station to Mermaid Beach Station - Install 10GBPS Fibre Cables	2d	21-Feb-24	22-Feb-24	135d
CW-N-COMM-1060	Broadbeach South Station to Mermaid Beach Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	8d	28-Feb-24	08-Mar-24	132d
Mermaid Beach Station to Mermaid Beach South Station		14d	31-May-24	19-Jun-24	71d
CW-N-COMM-1080	Mermaid Beach Station to Mermaid South Station - Install 10GBPS Fibre Cables	2d	31-May-24	03-Jun-24	71d
CW-N-COMM-1100	Mermaid Beach Station to Mermaid South Station - 10GBPS Fibre Jointing (Test & Terminate Incl)	12d	04-Jun-24	19-Jun-24	71d
Mermaid Beach South to Nobby Beach Station		10d	14-Jun-24	27-Jun-24	75d
CW-N-COMM-1120	Mermaid South Station to Nobby Beach Station - Install 10GBPS Fibre Cables	2d	14-Jun-24	17-Jun-24	75d
CW-N-COMM-1140	Mermaid South Station to Nobby Beach Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	8d	18-Jun-24	27-Jun-24	75d
Nobby Beach Station to Miami North Station		12d	28-Jun-24	15-Jul-24	56d
CW-N-COMM-1160	Nobby Beach Station to Miami North Station - Install 10GBPS Fibre Cables	2d	28-Jun-24	01-Jul-24	56d
CW-N-COMM-1180	Nobby Beach Station to Miami North Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	10d	02-Jul-24	15-Jul-24	56d
South		64d	12-Jul-24	11-Oct-24	4d
Miami North Station to Miami Station		8d	12-Jul-24	23-Jul-24	57d
CW-S-COMM-1000	Miami North Station to Miami Station - Install 10GBPS Fibre Cables	2d	12-Jul-24	15-Jul-24	57d
CW-S-COMM-1020	Miami North Station to Miami Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	6d	16-Jul-24	23-Jul-24	57d
Miami Station to Christine Ave Station		6d	26-Jul-24	02-Aug-24	49d
CW-S-COMM-1040	Miami Station to Christine Ave Station - Install 10GBPS Fibre Cables	2d	26-Jul-24	29-Jul-24	49d
CW-S-COMM-1060	Miami Station to Christine Ave Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	4d	30-Jul-24	02-Aug-24	49d
Christine Ave Station to 2nd Ave Burleigh Station		14d	05-Sep-24	24-Sep-24	13d
CW-S-COMM-1080	Christine Ave Station to Second Ave Burleigh Station - Install 10GBPS Fibre Cables	2d	05-Sep-24	06-Sep-24	13d
CW-S-COMM-1100	Christine Ave Station to Second Ave Burleigh Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	12d	09-Sep-24	24-Sep-24	13d
2nd Ave Burleigh Station to Burleigh Station		16d	19-Sep-24	11-Oct-24	4d
CW-S-COMM-1120	Second Ave Burleigh Station to Burleigh Station - Install 10GBPS Fibre Cables	2d	19-Sep-24	20-Sep-24	4d
CW-S-COMM-1140	Second Ave Burleigh Station to Burleigh Station - 10GBPS Fibre Jointing (Incl Test & Terminate)	14d	23-Sep-24	11-Oct-24	4d
Communications Wayside		159d	14-Feb-24	30-Sep-24	19d
North		99d	14-Feb-24	05-Jul-24	69d
Broadbeach South Station to Mermaid Beach Station		10d	14-Feb-24	27-Feb-24	150d



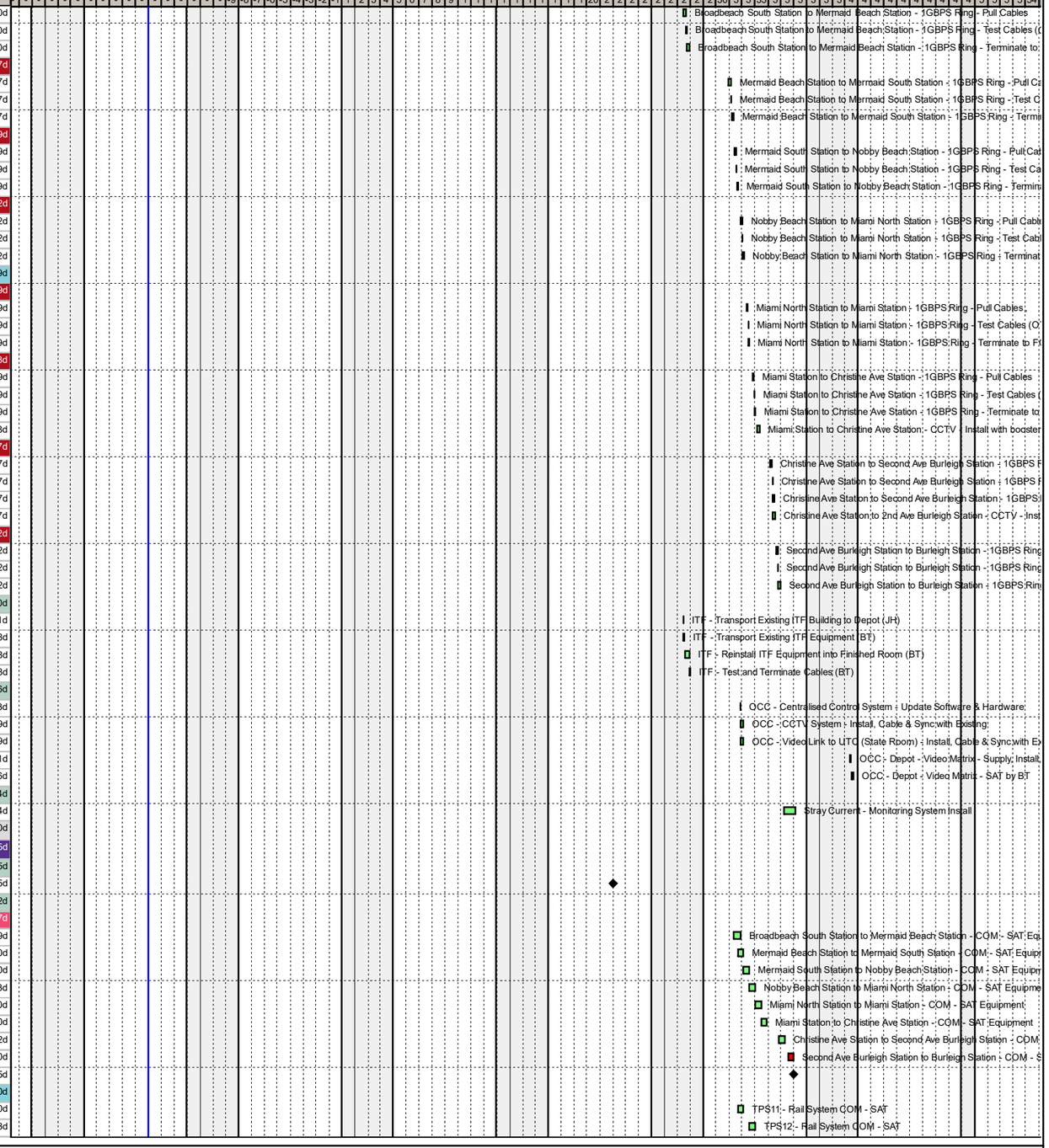
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
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211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CW-N-COMM-1200	Broadbeach South Station to Mermaid Beach Station - 1GBPS Ring - Pull Cables	4d	14-Feb-24	19-Feb-24	150d
CW-N-COMM-1220	Broadbeach South Station to Mermaid Beach Station - 1GBPS Ring - Test Cables (OTDR)	2d	20-Feb-24	21-Feb-24	150d
CW-N-COMM-1240	Broadbeach South Station to Mermaid Beach Station - 1GBPS Ring - Terminate to FOBOT	4d	22-Feb-24	27-Feb-24	150d
Mermaid Beach Station to Mermaid Beach South Station		8d	31-May-24	11-Jun-24	77d
CW-N-COMM-1280	Mermaid Beach Station to Mermaid South Station - 1GBPS Ring - Pull Cables	4d	31-May-24	05-Jun-24	77d
CW-N-COMM-1300	Mermaid Beach Station to Mermaid South Station - 1GBPS Ring - Test Cables (OTDR)	1d	06-Jun-24	06-Jun-24	77d
CW-N-COMM-1320	Mermaid Beach Station to Mermaid South Station - 1GBPS Ring - Terminate to FOBOT	3d	07-Jun-24	11-Jun-24	77d
Mermaid Beach South to Nobby Beach Station		6d	14-Jun-24	21-Jun-24	79d
CW-N-COMM-1360	Mermaid South Station to Nobby Beach Station - 1GBPS Ring - Pull Cables	2d	14-Jun-24	17-Jun-24	79d
CW-N-COMM-1380	Mermaid South Station to Nobby Beach Station - 1GBPS Ring - Test Cables (OTDR)	1d	18-Jun-24	18-Jun-24	79d
CW-N-COMM-1400	Mermaid South Station to Nobby Beach Station - 1GBPS Ring - Terminate to FOBOT	3d	19-Jun-24	21-Jun-24	79d
Nobby Beach Station to Miami North Station		6d	28-Jun-24	05-Jul-24	62d
CW-N-COMM-1440	Nobby Beach Station to Miami North Station - 1GBPS Ring - Pull Cables	2d	28-Jun-24	01-Jul-24	62d
CW-N-COMM-1460	Nobby Beach Station to Miami North Station - 1GBPS Ring - Test Cables (OTDR)	1d	02-Jul-24	02-Jul-24	62d
CW-N-COMM-1480	Nobby Beach Station to Miami North Station - 1GBPS Ring - Terminate to FOBOT	3d	03-Jul-24	05-Jul-24	62d
South		56d	12-Jul-24	30-Sep-24	19d
Miami North Station to Miami Station		6d	12-Jul-24	19-Jul-24	59d
CW-S-COMM-1500	Miami North Station to Miami Station - 1GBPS Ring - Pull Cables ,	2d	12-Jul-24	15-Jul-24	59d
CW-S-COMM-1520	Miami North Station to Miami Station - 1GBPS Ring - Test Cables (OTDR)	1d	16-Jul-24	16-Jul-24	59d
CW-S-COMM-1540	Miami North Station to Miami Station - 1GBPS Ring - Terminate to FOBOT	3d	17-Jul-24	19-Jul-24	59d
Miami Station to Christine Ave Station		12d	26-Jul-24	12-Aug-24	48d
CW-S-COMM-1560	Miami Station to Christine Ave Station - 1GBPS Ring - Pull Cables	2d	26-Jul-24	29-Jul-24	49d
CW-S-COMM-1580	Miami Station to Christine Ave Station - 1GBPS Ring - Test Cables (OTDR)	1d	30-Jul-24	30-Jul-24	49d
CW-S-COMM-1600	Miami Station to Christine Ave Station - 1GBPS Ring - Terminate to FOBOT	3d	31-Jul-24	02-Aug-24	49d
CW-S-SIG-1026	Miami Station to Christine Ave Station - CCTV - Install with booster, Cable, Terminate (Booster-if required)	5d	06-Aug-24	12-Aug-24	48d
Christine Ave Station to 2nd Ave Burleigh Station		10d	05-Sep-24	18-Sep-24	27d
CW-S-COMM-1620	Christine Ave Station to Second Ave Burleigh Station - 1GBPS Ring - Pull Cables	4d	05-Sep-24	10-Sep-24	17d
CW-S-COMM-1640	Christine Ave Station to Second Ave Burleigh Station - 1GBPS Ring - Test Cables (OTDR)	1d	11-Sep-24	11-Sep-24	17d
CW-S-COMM-1660	Christine Ave Station to Second Ave Burleigh Station - 1GBPS Ring - Terminate to FOBOT	3d	12-Sep-24	16-Sep-24	17d
CW-S-SIG-1040	Christine Ave Station to 2nd Ave Burleigh Station - CCTV - Install with booster, Cable, Terminate (Booster-if req	5d	12-Sep-24	18-Sep-24	27d
2nd Ave Burleigh Station to Burleigh Station		8d	19-Sep-24	30-Sep-24	12d
CW-S-COMM-1680	SecondAve Burleigh Station to Burleigh Station - 1GBPS Ring - Pull Cables	3d	19-Sep-24	23-Sep-24	12d
CW-S-COMM-1700	SecondAve Burleigh Station to Burleigh Station - 1GBPS Ring - Test Cables (OTDR)	1d	24-Sep-24	24-Sep-24	12d
CW-S-COMM-1720	SecondAve Burleigh Station to Burleigh Station - 1GBPS Ring - Terminate to FOBOT	4d	25-Sep-24	30-Sep-24	12d
Integrated Testing Facility		12d	14-Feb-24	29-Feb-24	150d
CW-ITF-1060	ITF - Transport Existing ITF Building to Depot (JH)	1d	14-Feb-24	14-Feb-24	161d
CW-ITF-1000	ITF - Transport Existing ITF Equipment (BT)	3d	14-Feb-24	16-Feb-24	138d
CW-ITF-1020	ITF - Reinstall ITF Equipment into Finished Room (BT)	7d	19-Feb-24	27-Feb-24	138d
CW-ITF-1040	ITF - Test and Terminate Cables (BT)	2d	28-Feb-24	29-Feb-24	138d
OCC		178d	28-Jun-24	21-Mar-25	56d
CW-OCC-0900	OCC - Centralised Control System - Update Software & Hardware	1d	28-Jun-24	28-Jun-24	73d
CW-OCC-1000	OCC - CCTV System - Install, Cable & Sync with Existing	5d	28-Jun-24	04-Jul-24	69d
CW-OCC-1020	OCC - Video Link to UTC (State Room) - Install, Cable & Sync with Exisitng	5d	28-Jun-24	04-Jul-24	69d
DP-4B-RS-1645	OCC - Depot - Video Matrix - Supply, Install, Cabling & Terminate by BT	3d	12-Mar-25	14-Mar-25	21d
DP-4B-RS-1820	OCC - Depot - Video Matrix - SAT by BT	5d	17-Mar-25	21-Mar-25	56d
Stray Current Study		20d	08-Oct-24	04-Nov-24	44d
CW-RS-1060	Stray Current - Monitoring System Install	20d	08-Oct-24	04-Nov-24	44d
COMMISSIONING		433d	31-Aug-23	13-Jun-25	0d
Site Acceptance Tests (SAT)		327d	31-Aug-23	09-Jan-25	35d
LV (Low Voltage)		0d	31-Aug-23	31-Aug-23	55d
CM-CS-4240	LV - SAT completed	0d		31-Aug-23	55d
Wayside SIGs and Comms		105d	12-Jun-24	07-Nov-24	2d
Communications		100d	12-Jun-24	31-Oct-24	7d
CM-N-COMM-1500	Broadbeach South Station to Mermaid Beach Station - COM - SAT Equipment	12d	12-Jun-24	27-Jun-24	69d
CM-N-COMM-1520	Mermaid Beach Station to Mermaid South Station - COM - SAT Equipment	10d	21-Jun-24	04-Jul-24	70d
CM-N-COMM-1540	Mermaid South Station to Nobby Beach Station - COM - SAT Equipment	10d	05-Jul-24	18-Jul-24	70d
CM-N-COMM-1560	Nobby Beach Station to Miami North Station - COM - SAT Equipment	10d	19-Jul-24	01-Aug-24	53d
CM-S-COMM-1740	Miami North Station to Miami Station - COM - SAT Equipment	10d	02-Aug-24	15-Aug-24	50d
CM-S-COMM-1760	Miami Station to Christine Ave Station - COM - SAT Equipment	10d	16-Aug-24	29-Aug-24	40d
CM-S-COMM-1780	Christine Ave Station to Second Ave Burleigh Station - COM - SAT Equipment	10d	26-Sep-24	10-Oct-24	12d
CM-S-COMM-1800	SecondAve Burleigh Station to Burleigh Station - COM - SAT Equipment	10d	18-Oct-24	31-Oct-24	0d
CM-CS-3760	Main & sub com fibre network - COM equipment SAT tested locally after installation (BT led)	0d		31-Oct-24	5d
HV Substations		93d	21-Jun-24	31-Oct-24	0d
CM-N-COMM-1510	TPS11 - Rail System COM - SAT	10d	21-Jun-24	04-Jul-24	70d
CM-N-COMM-1545	TPS12 - Rail System COM - SAT	10d	19-Jul-24	01-Aug-24	63d



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JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CM-S-COMM-1820	TPS13 - Rail System COM - SAT	10d	13-Sep-24	26-Sep-24	21d
CM-S-COMM-1840	TPS14 - Rail System COM - SAT	10d	18-Oct-24	31-Oct-24	0d
Signalling		93d	28-Jun-24	07-Nov-24	2d
CM-N-SIG-1092	Broadbeach South Station to Mermaid Beach Station - SIG - SAT Wayside Equipment	26d	28-Jun-24	02-Aug-24	69d
CM-N-SIG-1112	Mermaid Beach Station to Mermaid Beach South Station - SIG - SAT Wayside Equipment	10d	05-Jul-24	18-Jul-24	70d
CM-N-SIG-1132	Mermaid Beach South to Nobby Beach Station - SIG - SAT Wayside Equipment	10d	19-Jul-24	01-Aug-24	70d
CM-N-SIG-1152	Nobby Beach Station to Miami North Station - SIG - SAT Wayside Equipment	7d	02-Aug-24	12-Aug-24	63d
CM-S-SIG-1074	Miami North Station to Miami Station - SIG - SAT Wayside Equipment	10d	16-Aug-24	29-Aug-24	50d
CM-S-SIG-1094	Miami Station to Christine Ave Station - SIG - SAT Wayside Equipment	10d	27-Sep-24	11-Oct-24	21d
CM-S-SIG-1114	Christine Ave Station to 2nd Ave Burleigh Station - SIG - SAT Wayside Equipment	10d	11-Oct-24	24-Oct-24	12d
CM-S-SIG-1134	Second Ave Burleigh Station to Burleigh Station - SIG - SAT Wayside Equipment	5d	01-Nov-24	07-Nov-24	2d
CM-CS-3820	Signalling - SAT tested locally after installation.	0d		07-Nov-24	2d
Track and OHW (Overhead Wiring)		12d	06-Dec-24	09-Jan-25	0d
CM-CS-3800	All tracks, stations, OHW, TPS completed, SAT tested and Energised	0d		06-Dec-24	1d
CM-CS-1300	Stage 1 Post energisaton checks	11d	09-Dec-24	09-Jan-25	0d
Traction Power		0d	31-Oct-24	31-Oct-24	62d
CM-CS-4160	Traction Power - SAT tested after installation	0d		31-Oct-24	62d
ITF/BOCC		114d	22-May-24	31-Oct-24	1d
CM-CS-3840	All traffc signals completed (and tested as much as possible without using an LRV)	0d		22-May-24	102d
CM-ITF-2040	ITF - SAT	5d	12-Jun-24	18-Jun-24	96d
CM-CS-3780	ITF/BOCC - Ready to SIT	0d		31-Oct-24	1d
O&M - Operations and Maintenance		42d	09-Sep-24	11-Nov-24	28d
CM-CS-4180	Operation Procedures for Test and Commissioning / Staff requirements	42d	09-Sep-24	11-Nov-24	28d
Stray Current, EMC		84d	22-Jul-24	18-Nov-24	44d
CM-CS-4200	Obtain Baseline Stray Current / EMC Data from Stage 1 & 2	0d	22-Jul-24		0d
CM-RS-1080	Stray Current - SAT Monitoring System	10d	05-Nov-24	18-Nov-24	44d
OCC (Operations Control Centre)		5d	05-Jul-24	11-Jul-24	69d
CM-OCC-1040	CCTV at OCC - SAT	5d	05-Jul-24	11-Jul-24	69d
Energisation		10d	22-Nov-24	09-Dec-24	15d
CM-CS-2000	Energisation of Overhead Wiring (Stage 3 Works)	0d		22-Nov-24	25d
CM-CS-4940	Energisation of Wire Run 1/2/3 with Stage 1 TPS6 at Broadbeach Station	0d		09-Dec-24	15d
Static Integration Tests		82d	01-Nov-24	11-Mar-25	0d
LV (Low Voltage)		11d	09-Dec-24	09-Jan-25	34d
CM-CS-4260	LV - SIT Stage 3 ITF	11d	09-Dec-24	09-Jan-25	34d
Wayside SIGs and Comms		32d	08-Nov-24	06-Jan-25	4d
CM-CS-3940	CS/SIG -System wide Integration Tests Stage 3 ITF (BT led)	20d	08-Nov-24	09-Dec-24	3d
CM-CS-4220	COM - Systemwide Integration Test (stage 3 ITF) (BT led)	21d	08-Nov-24	10-Dec-24	3d
CM-CS-4760	Documentation post Systemwide Integration Tests - PIDs, Signalling	10d	10-Dec-24	06-Jan-25	4d
Radio		10d	11-Dec-24	07-Jan-25	39d
CM-CS-4840	Documentation post SIT Radio	10d	11-Dec-24	07-Jan-25	39d
Traction Power		11d	09-Dec-24	09-Jan-25	1d
CM-CS-4340	Traction Power - SIT Stage 3 ITF (JH/BT)	11d	09-Dec-24	09-Jan-25	1d
ITF/BOCC		82d	01-Nov-24	11-Mar-25	0d
CM-CS-4380	ITF/BOCC OMCS/Tvisor - Systemwide Integration Test (stage 3 back to ITF)	21d	01-Nov-24	07-Dec-24	1d
CM-SIG-3000	Connection of Stage 1,2,3 Fibre Network (ITF)	5d	05-Mar-25	11-Mar-25	0d
OHW (Overhead Wiring)		1d	10-Jan-25	10-Jan-25	0d
CM-CS-4480	OLE - SIT Stage 3 ITF	1d	10-Jan-25	10-Jan-25	0d
CM-CS-4500	SIT Energisation Section Proving	0d		10-Jan-25	0d
Stray Current, EMC		31d	10-Dec-24	05-Feb-25	24d
CM-RS-1200	EMI/EMC Study 2 (SIT with LRV) - Plan Development	5d	10-Dec-24	16-Dec-24	24d
CM-RS-1220	EMI/EMC Study 2 (SIT with LRV) - Site Surveys	7d	17-Dec-24	08-Jan-25	24d
CM-RS-1240	EMI/EMC Study 2 (SIT with LRV) - Report Preparation	12d	09-Jan-25	24-Jan-25	24d
CM-RS-1260	EMI/EMC Study 2 (SIT with LRV) - Report Internal Review	7d	28-Jan-25	05-Feb-25	24d
CM-RS-1280	EMI/EMC Study 2 (SIT with LRV) - Issue of Report	0d		05-Feb-25	24d
Driver Training		39d	11-Jan-25	20-Mar-25	22d
CM-CS-4460	Driver Training (Initial batch of Team Leaders available for Driver Training)	7d	11-Jan-25	20-Jan-25	22d
CM-CS-4700	Driver Training (Rest of the Drivers available for Driver Training)	32d	21-Jan-25	20-Mar-25	22d
Dynamic System Integration Tests		44d	11-Jan-25	14-Mar-25	31d
Requires at least 1 LRV		41d	11-Jan-25	11-Mar-25	34d
CM-CS-3860	1 x LRV is available from KD/Client	0d	11-Jan-25		0d
Wayside SIGs and Comms		32d	11-Jan-25	07-Mar-25	27d
CM-CS-4300	Priority Testing (Using 1 LRV) - More traffc signal/pedestrian crossing testing (as required - for example, prioritie	14d	11-Jan-25	04-Feb-25	45d
CM-CS-4880	COM - SIT Equipment (with LRV)	32d	11-Jan-25	07-Mar-25	3d
CM-CS-4900	SIG - SIT Equipment (with LRV)	32d	11-Jan-25	07-Mar-25	0d
Track and OHW (Overhead Wiring)		41d	11-Jan-25	11-Mar-25	34d



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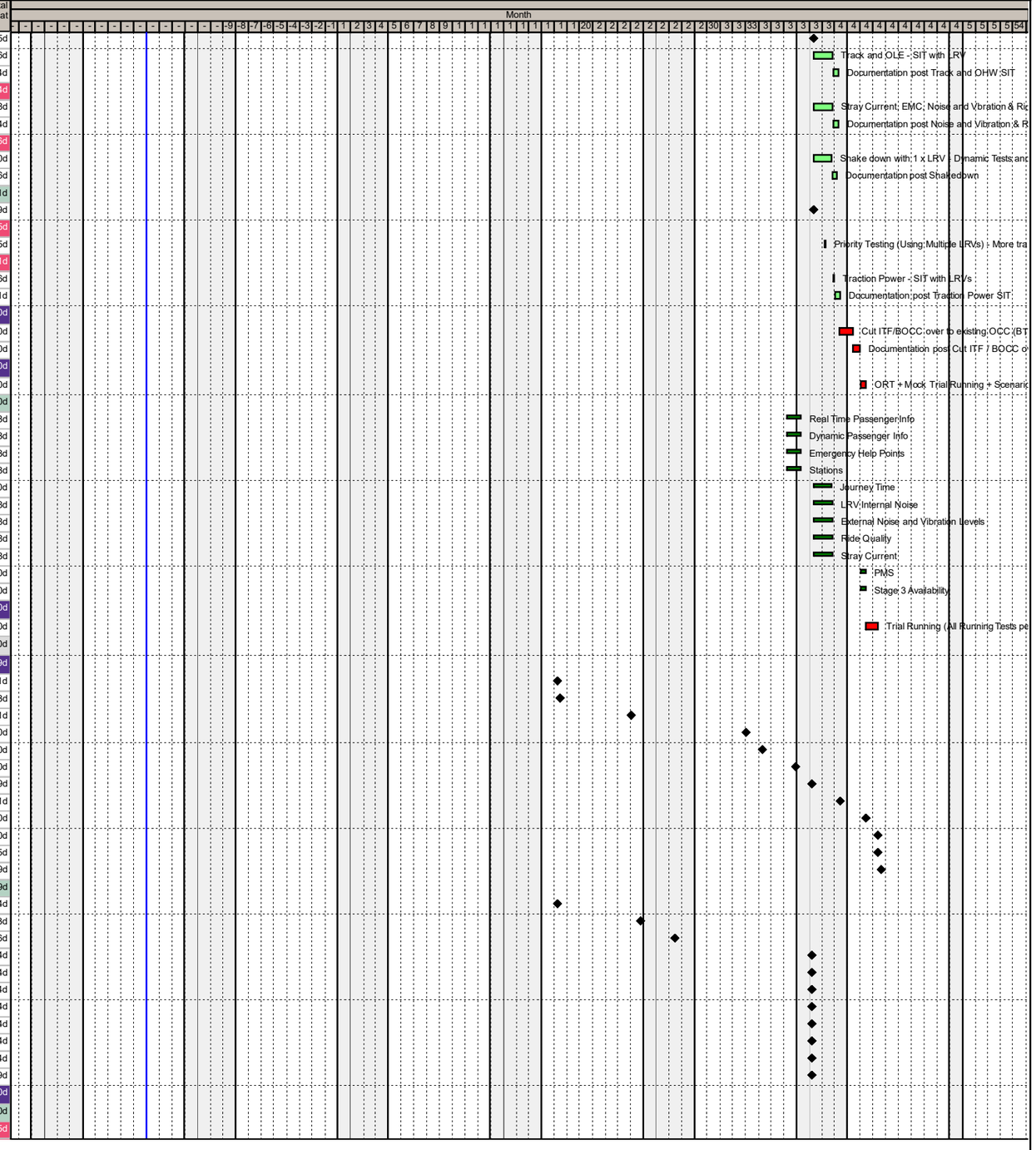
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CM-CS-4720	Network - Dynamic Kinetic Envelope & Structural Gauge	0d		11-Jan-25	35d
CM-CS-4520	Track and OLE - SIT with LRV	27d	11-Jan-25	25-Feb-25	6d
CM-CS-4780	Documentation post Track and OHW SIT	10d	26-Feb-25	11-Mar-25	34d
Stray Current, EMC, Noise and Vibration & Ride		41d	11-Jan-25	11-Mar-25	34d
CM-CS-4600	Stray Current, EMC, Noise and Vibration & Ride - SIT with LRV	27d	11-Jan-25	25-Feb-25	8d
CM-CS-4800	Documentation post Noise and Vibration & Ride SIT	10d	26-Feb-25	11-Mar-25	34d
LRV		39d	11-Jan-25	07-Mar-25	36d
CM-CS-4000	Shake down with 1 x LRV - Dynamic Tests and Journey Time, Linespeed (Includes Driver Training)	25d	11-Jan-25	22-Feb-25	10d
CM-CS-4860	Documentation post Shakedown	10d	24-Feb-25	07-Mar-25	36d
Requires Multiple LRVs		44d	11-Jan-25	14-Mar-25	31d
CM-CS-4080	Ready to Receive Multiple LRVs from KD/Client	0d	11-Jan-25		29d
Wayside SIGs and Comms		2d	06-Feb-25	07-Feb-25	45d
CM-CS-4920	Priority Testing (Using Multiple LRVs) - More traffc signal/pedestrian crossing testing	2d	06-Feb-25	07-Feb-25	45d
Traction Power		12d	27-Feb-25	14-Mar-25	31d
CM-CS-4360	Traction Power - SIT with LRVs	2d	27-Feb-25	28-Feb-25	6d
CM-CS-4820	Documentation post Traction Power SIT	10d	03-Mar-25	14-Mar-25	31d
Cutover into OCC (Operations Control Centre)		34d	12-Mar-25	01-May-25	0d
CM-CS-4100	Cut ITF/BOCC over to existing OCC (BT led)	21d	12-Mar-25	14-Apr-25	0d
CM-CS-4740	Documentation post Cut ITF / BOCC over to existing OCC	10d	15-Apr-25	01-May-25	0d
Operational Readiness Tests		99d	08-Nov-24	15-May-25	0d
CM-CS-4120	ORT + Mock Trial Running + Scenarios	7d	02-May-25	15-May-25	0d
A10.1 Tests Leading up to Trial Running		99d	08-Nov-24	15-May-25	0d
PS-10120	Real Time Passenger Info	21d	08-Nov-24	10-Dec-24	3d
PS-10140	Dynamic Passenger Info	21d	08-Nov-24	10-Dec-24	3d
PS-10160	Emergency Help Points	21d	08-Nov-24	10-Dec-24	3d
PS-10220	Stations	21d	08-Nov-24	10-Dec-24	3d
PS-10240	Journey Time	25d	11-Jan-25	22-Feb-25	10d
PS-10060	LRV Internal Noise	27d	11-Jan-25	25-Feb-25	8d
PS-10080	External Noise and Vibration Levels	27d	11-Jan-25	25-Feb-25	8d
PS-10100	Ride Quality	27d	11-Jan-25	25-Feb-25	8d
PS-10180	Stray Current	27d	11-Jan-25	25-Feb-25	8d
PS-10200	PMS	7d	02-May-25	15-May-25	0d
PS-10260	Stage 3 Availability	7d	02-May-25	15-May-25	0d
Trial Running		29d	16-May-25	13-Jun-25	0d
CM-CS-4440	Trial Running (All Running Tests per Table A10.1- Annexure 10- e.g Noise, Vibration,ride, real time passenger in	29d	16-May-25	13-Jun-25	0d
OPERATIONS AND MAINTENANCE (O&M) PROGRAMME - Rev 7 02-Jun-21		1057d	08-Jun-21	01-Oct-25	120d
Key Milestones		519d	09-May-23	20-Jun-25	149d
KD-OM-MS-0020	Separable Portion A Stabling Yard Commissioned	0d		09-May-23	601d
KD-OM-MS-0040	Separable Portion A Handed Over	0d		16-May-23	663d
KD-OM-MS-0060	UNH Station Works (ITF and DRC) (Permit to Work)	0d		02-Nov-23	161d
KD-OM-MS-0100	Energisation of OHL (Permit to Work)	0d		02-Aug-24	0d
KD-OM-MS-0080	BBS Station (Isolation Request)	0d		10-Sep-24	0d
KD-OM-MS-320	OCC (Permit to Work)	0d		28-Nov-24	0d
KD-OM-MS-0140	Handover of Asset to O&M	0d		06-Jan-25	79d
KD-OM-MS-0120	Dynamic System Integration Tests Complete	0d		14-Mar-25	31d
KD-OM-MS-0160	Operational Readiness Tests Complete	0d		15-May-25	0d
KD-OM-MS-0180	Trial Running Complete	0d		13-Jun-25	0d
KD-OM-MS-0200	Assignment of Energy Contracts to O&M Contracts	0d		13-Jun-25	35d
KD-OM-MS-0240	Stage 3 Project Completion	0d		20-Jun-25	29d
Handover of Assets		405d	09-May-23	06-Jan-25	79d
KD-OM-1140	D&C Contractor (JH) Handover to O&M Contractor - Depot	0d		09-May-23	434d
KD-OM-1180	D&C Contractor (JH) Handover to O&M Contractor - DRC	0d		24-Nov-23	343d
KD-OM-1200	D&C Contractor (JH) Handover to O&M Contractor - ITF - Delivery to Depot	0d		14-Feb-24	296d
KD-OM-1000	D&C Contractor (JH) Handover to O&M Contractor - Intersections	0d		06-Jan-25	64d
KD-OM-1020	D&C Contractor (JH) Handover to O&M Contractor - Track	0d		06-Jan-25	64d
KD-OM-1040	D&C Contractor (JH) Handover to O&M Contractor - Points, Point Control, Detection & Indication	0d		06-Jan-25	64d
KD-OM-1060	D&C Contractor (JH) Handover to O&M Contractor - Structures	0d		06-Jan-25	64d
KD-OM-1080	D&C Contractor (JH) Handover to O&M Contractor - Overhead line & Traction Power System	0d		06-Jan-25	64d
KD-OM-1100	D&C Contractor (JH) Handover to O&M Contractor - LRT Signals & Signaling	0d		06-Jan-25	64d
KD-OM-1120	D&C Contractor (JH) Handover to O&M Contractor - Control & Supervision Systems	0d		06-Jan-25	64d
KD-OM-1160	D&C Contractor (JH) Handover to O&M Contractor - Stations	0d		06-Jan-25	79d
Permits		945d	01-Jul-21	20-May-25	0d
Permit to Work & Track Occupancy Permit		837d	01-Jul-21	28-Nov-24	0d
Depot Access Area		153d	01-Jul-21	18-Feb-22	295d



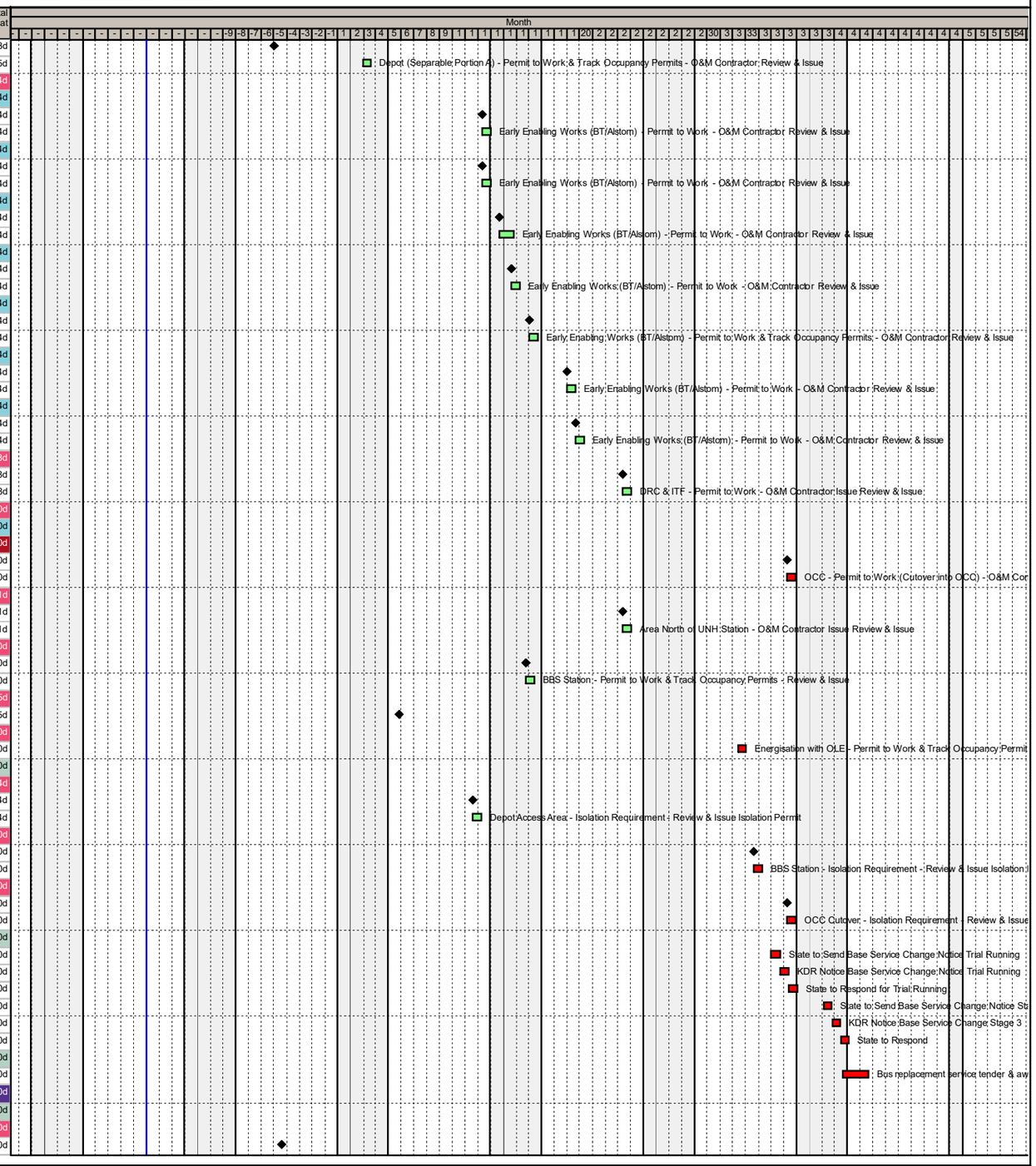
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
OM-PERM-1000	Depot (Separable Portion A) - Permit to Work & Track Occupancy Permits - Apply	0d	01-Jul-21*		433d
OM-PERM-1200	Depot (Separable Portion A) - Permit to Work & Track Occupancy Permits - O&M Contractor Review & Issue	15d	31-Jan-22	18-Feb-22	295d
Early Enabling Works		160d	10-Nov-22	12-Jul-23	184d
TDR 4.2 - ITF Cable Remediation		15d	10-Nov-22	30-Nov-22	184d
OM-PERM-1360	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	10-Nov-22		184d
OM-PERM-1380	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	10-Nov-22	30-Nov-22	184d
TDR 4.3 - New ITF/DRC Fibre Optic Cabling - Dark Fibre		15d	10-Nov-22	30-Nov-22	184d
OM-PERM-1400	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	10-Nov-22		184d
OM-PERM-1420	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	10-Nov-22	30-Nov-22	184d
TDR 4.5 - New BBS ITF/DRC Fibre Optic Cabling - Dark Fibre		15d	22-Dec-22	25-Jan-23	184d
OM-PERM-1440	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	22-Dec-22		184d
OM-PERM-1460	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	22-Dec-22	25-Jan-23	184d
TDR 4.4 - New Depot ITF/DRC Fibre Optic Cabling - Dark Fibre		15d	19-Jan-23	09-Feb-23	184d
OM-PERM-1480	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	19-Jan-23		184d
OM-PERM-1500	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	19-Jan-23	09-Feb-23	184d
TDR 4.6 - Activitation of Dark Fibre, Network testing and Stability		15d	03-Mar-23	23-Mar-23	184d
OM-PERM-1520	Early Enabling Works (BT/Alstom) - Permit to Work & Track Occupancy Permits - BT/Alstom Apply	0d	03-Mar-23		184d
OM-PERM-1540	Early Enabling Works (BT/Alstom) - Permit to Work & Track Occupancy Permits - O&M Contractor Review & Is	15d	03-Mar-23	23-Mar-23	184d
TDR 4.7- Integrated Testing Facility		15d	01-Jun-23	21-Jun-23	184d
OM-PERM-1560	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	01-Jun-23		184d
OM-PERM-1580	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	01-Jun-23	21-Jun-23	184d
TDR 4.8 - Disaster Recover Centre - Functionality and Process Verification		15d	22-Jun-23	12-Jul-23	184d
OM-PERM-1600	Early Enabling Works (BT/Alstom) - Permit to Work - BT/Alstom Apply	0d	22-Jun-23		184d
OM-PERM-1620	Early Enabling Works (BT/Alstom) - Permit to Work - O&M Contractor Review & Issue	15d	22-Jun-23	12-Jul-23	184d
UNH Station		15d	13-Oct-23	02-Nov-23	138d
OM-PERM-1040	DRC & ITF - Permit to Work - Apply	0d	13-Oct-23		138d
OM-PERM-1320	DRC & ITF - Permit to Work - O&M Contractor Issue Review & Issue	15d	13-Oct-23	02-Nov-23	138d
Operational Control Centre		15d	08-Nov-24	28-Nov-24	0d
Separable Portion B		15d	08-Nov-24	28-Nov-24	0d
Testing & Commissioning Phase		15d	08-Nov-24	28-Nov-24	0d
OM-PERM-1020	OCC - Permit to Work (Cutover into OCC) - Permit to Work - Apply	0d	08-Nov-24		0d
OM-PERM-1220	OCC - Permit to Work (Cutover into OCC) - O&M Contractor Issue Review & Issue	15d	08-Nov-24	28-Nov-24	0d
Area North of UNH Station (for recovery of ITF building)		15d	13-Oct-23	02-Nov-23	161d
OM-PERM-1060	Area North of UNH Station - Permit to Work - Apply	0d	13-Oct-23		161d
OM-PERM-1340	Area North of UNH Station - O&M Contractor Issue Review & Issue	15d	13-Oct-23	02-Nov-23	161d
BBS Station		15d	24-Feb-23	16-Mar-23	170d
OM-PERM-1080	BBS Station - Permit to Work & Track Occupancy Permits - Apply	0d	24-Feb-23		170d
OM-PERM-1280	BBS Station - Permit to Work & Track Occupancy Permits - Review & Issue	15d	24-Feb-23	16-Mar-23	170d
Access Stage 3 Area South of BBS		0d	26-Apr-22	26-Apr-22	345d
OM-PERM-1120	Stage 3 Area South of BBS - Permit to Work Application & Track Occupancy Permits	0d	26-Apr-22*		345d
Energisation of OLE		15d	15-Jul-24	02-Aug-24	0d
KD-OM-MS-0320	Energisation with OLE - Permit to Work & Track Occupancy Permits - Apply, Review & Issue	15d	15-Jul-24	02-Aug-24	0d
Isolations		517d	20-Oct-22	28-Nov-24	0d
Depot Access Area		15d	20-Oct-22	09-Nov-22	184d
OM-PERM-1140	Depot Access Area - Isolation Requirement - Submit 3-week Program	0d	20-Oct-22		184d
OM-PERM-1240	Depot Access Area - Isolation Requirement - Review & Issue Isolation Permit	15d	20-Oct-22	09-Nov-22	184d
BBS Station		15d	20-Aug-24	10-Sep-24	0d
OM-PERM-1160	BBS Station - Isolation Requirement - Submit 3-week Program	0d	20-Aug-24		0d
OM-PERM-1260	BBS Station - Isolation Requirement - Review & Issue Isolation Permit	15d	20-Aug-24	10-Sep-24	0d
Operational Control Centre Cutover		15d	08-Nov-24	28-Nov-24	0d
OM-PERM-1180	OCC Cutover - Isolation Requirement - Submit 3-week Program	0d	08-Nov-24		0d
OM-PERM-1300	OCC Cutover - Isolation Requirement - Review & Issue Isolation Permit	15d	08-Nov-24	28-Nov-24	0d
O&M Notice to State		122d	01-Oct-24	04-Apr-25	0d
OM-NOTICE-1000	State to Send Base Service Change Notice Trial Running	15d	01-Oct-24	22-Oct-24	0d
OM-NOTICE-1020	KDR Notice Base Service Change Notice Trial Running	15d	23-Oct-24	12-Nov-24	0d
OM-NOTICE-1040	State to Respond for Trial Running	15d	13-Nov-24	03-Dec-24	0d
OM-NOTICE-1060	State to Send Base Service Change Notice Stage 3	15d	03-Feb-25	21-Feb-25	0d
OM-NOTICE-1080	KDR Notice Base Service Change Stage 3	15d	24-Feb-25	14-Mar-25	0d
OM-NOTICE-1100	State to Respond	15d	17-Mar-25	04-Apr-25	0d
Others		40d	20-Mar-25	20-May-25	0d
CM-OM-3360	Bus replacement service tender & award	40d	20-Mar-25	20-May-25	0d
Planning/Maintenance Plan		1057d	08-Jun-21	01-Oct-25	0d
Management Plans		1057d	08-Jun-21	01-Oct-25	0d
By D&C		1012d	20-Jul-21	10-Sep-25	0d
OM-TRAIN-1040	D&C Contractor (JH) - Plans - Provide O&M Training Management Plan to O&M for review	0d	20-Jul-21		830d



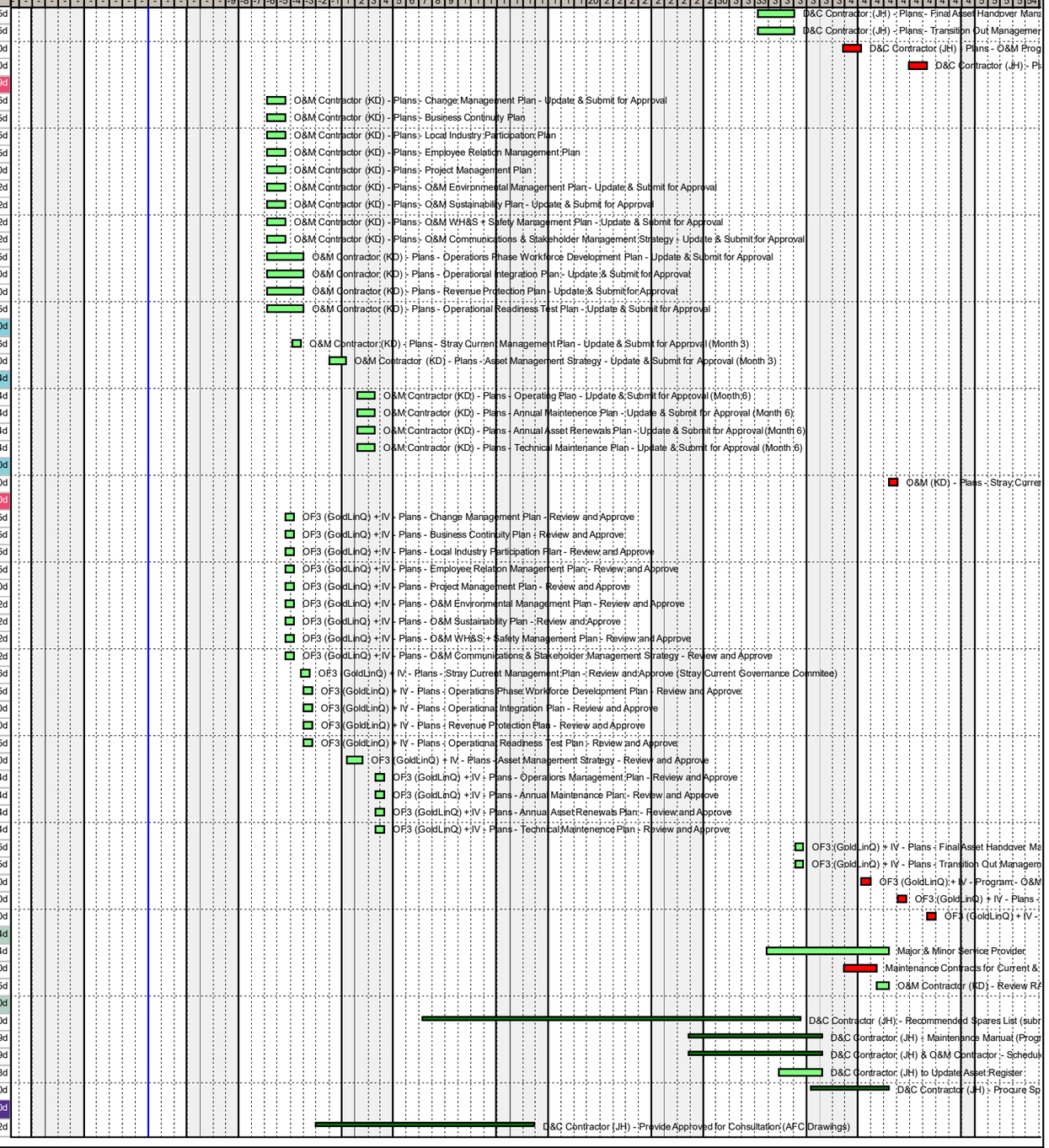
Date	Revision	Checked	Approved

Project ID : P00287-PTSub-023
Layout : .A1 REBRANDED Colour - Yr/M - JH 210421
Filter TASK filter: All Activities

211006 GCLR - Stage 3 - RFC 5781 - FC 04-Jun (OF Rev 6) (OM Rev 7) AUG BPIC+ Rev HEAT 10 SRA23b

JOHN HOLLAND

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
OM-PLAN-1020	D&C Contractor (JH) - Plans - Final Asset Handover Management Plan - Update & Submit for Approval	60d	08-Aug-24	01-Nov-24	25d
OM-PLAN-1120	D&C Contractor (JH) - Plans - Transition Out Management Plan - Update & Submit for Approval	60d	08-Aug-24	01-Nov-24	25d
OM-PLAN-1000	D&C Contractor (JH) - Plans - O&M Program - Revise & Submit for Approval	30d	25-Feb-25	07-Apr-25	0d
OM-PLAN-1440	D&C Contractor (JH) - Plans - Transport Integration Plan - Update & Submit for Approval (Month 6)	30d	30-Jul-25	10-Sep-25	0d
By O&M		993d	08-Jun-21	02-Jul-25	49d
PP-OM-MP-1070	O&M Contractor (KD) - Plans - Change Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	905d
CM-PLAN-1480	O&M Contractor (KD) - Plans - Business Continuity Plan	30d	08-Jun-21*	19-Jul-21	905d
CM-PLAN-1540	O&M Contractor (KD) - Plans - Local Industry Participation Plan	30d	08-Jun-21	19-Jul-21	905d
CM-PLAN-1560	O&M Contractor (KD) - Plans - Employee Relation Management Plan	30d	08-Jun-21	19-Jul-21	905d
CM-PLAN-1620	O&M Contractor (KD) - Plans - Project Management Plan	30d	08-Jun-21	19-Jul-21	830d
PP-OM-MP-1840	O&M Contractor (KD) - Plans - O&M Environmental Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	1012d
PP-OM-MP-1860	O&M Contractor (KD) - Plans - O&M Sustainability Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	1012d
PP-OM-MP-1880	O&M Contractor (KD) - Plans - O&M WH&S + Safety Management Plan - Update & Submit for Approval	30d	08-Jun-21	19-Jul-21	1012d
PP-OM-MP-1900	O&M Contractor (KD) - Plans - O&M Communications & Stakeholder Management Strategy - Update & Submit	30d	08-Jun-21	19-Jul-21	1012d
OM-PLAN-1040	O&M Contractor (KD) - Plans - Operations Phase Workforce Development Plan - Update & Submit for Approva	60d	08-Jun-21	31-Aug-21	875d
OM-PLAN-1060	O&M Contractor (KD) - Plans - Operational Integration Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	800d
OM-PLAN-1080	O&M Contractor (KD) - Plans - Revenue Protection Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	800d
OM-PLAN-1140	O&M Contractor (KD) - Plans - Operational Readiness Test Plan - Update & Submit for Approval	60d	08-Jun-21	31-Aug-21	875d
Month 3 Tranche		90d	05-Aug-21	10-Dec-21	910d
PP-OM-MP-1100	O&M Contractor (KD) - Plans - Stray Current Management Plan - Update & Submit for Approval (Month 3)	15d	05-Aug-21	25-Aug-21	906d
PP-OM-MP-1760	O&M Contractor (KD) - Plans - Asset Management Strategy - Update & Submit for Approval (Month 3)	30d	01-Nov-21	10-Dec-21	910d
Month 6 Tranche		30d	05-Jan-22	16-Feb-22	874d
OM-PLAN-1600	O&M Contractor (KD) - Plans - Operating Plan - Update & Submit for Approval (Month 6)	30d	05-Jan-22	16-Feb-22	874d
PP-OM-MP-1780	O&M Contractor (KD) - Plans - Annual Maintenence Plan - Update & Submit for Approval (Month 6)	30d	05-Jan-22	16-Feb-22	874d
PP-OM-MP-1800	O&M Contractor (KD) - Plans - Annual Asset Renewals Plan - Update & Submit for Approval (Month 6)	30d	05-Jan-22	16-Feb-22	874d
PP-OM-MP-1820	O&M Contractor (KD) - Plans - Technical Maintenance Plan - Update & Submit for Approval (Month 6)	30d	05-Jan-22	16-Feb-22	874d
Month 12 Tranche		15d	12-Jun-25	02-Jul-25	0d
PP-OM-MP-1740	O&M (KD) - Plans - Stray Current Management Plan - Update & Submit for Approval (3 Month prior to Date of (	15d	12-Jun-25	02-Jul-25	0d
OF3 + Independant Verifier - Review Approve (Within 15BD of Submission) PD CI 7.4		1027d	20-Jul-21	01-Oct-25	0d
PP-GL-MP-1070	OF3 (GoldLinQ) + IV - Plans - Change Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	905d
CM-PLAN-1500	OF3 (GoldLinQ) + IV - Plans - Business Continuity Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	905d
CM-PLAN-1550	OF3 (GoldLinQ) + IV - Plans - Local Industry Participation Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	905d
PP-GL-MP-1570	OF3 (GoldLinQ) + IV - Plans - Employee Relation Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	905d
PP-GL-MP-162	OF3 (GoldLinQ) + IV - Plans - Project Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	830d
PP-GL-MP-1840	OF3 (GoldLinQ) + IV - Plans - O&M Environmental Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	1012d
PP-GL-MP-1860	OF3 (GoldLinQ) + IV - Plans - O&M Sustainability Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	1012d
PP-GL-MP-1880	OF3 (GoldLinQ) + IV - Plans - O&M WH&S + Safety Management Plan - Review and Approve	15d	20-Jul-21	09-Aug-21	1012d
PP-GL-MP-1900	OF3 (GoldLinQ) + IV - Plans - O&M Communications & Stakeholder Management Strategy - Review and Apprc	15d	20-Jul-21	09-Aug-21	1012d
PP-GL-MP-1100	OF3 (GoldLinQ) + IV - Plans - Stray Current Management Plan - Review and Approve (Stray Current Governai	15d	26-Aug-21	16-Sep-21	906d
OM-PLAN-1200	OF3 (GoldLinQ) + IV - Plans - Operations Phase Workforce Development Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	875d
OM-PLAN-1220	OF3 (GoldLinQ) + IV - Plans - Operational Integration Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	800d
OM-PLAN-1240	OF3 (GoldLinQ) + IV - Plans - Revenue Protection Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	800d
OM-PLAN-1300	OF3 (GoldLinQ) + IV - Plans - Operational Readiness Test Plan - Review and Approve	15d	01-Sep-21	21-Sep-21	875d
PP-GL-MP-1760	OF3 (GoldLinQ) + IV - Plans - Asset Management Strategy - Review and Approve	15d	13-Dec-21	17-Jan-22	910d
OM-PLAN-1260	OF3 (GoldLinQ) + IV - Plans - Operations Management Plan - Review and Approve	15d	17-Feb-22	09-Mar-22	874d
PP-GL-MP-1780	OF3 (GoldLinQ) + IV - Plans - Annual Maintenance Plan - Review and Approve	15d	17-Feb-22	09-Mar-22	874d
PP-GL-MP-1800	OF3 (GoldLinQ) + IV - Plans - Annual Asset Renewals Plan - Review and Approve	15d	17-Feb-22	09-Mar-22	874d
PP-GL-MP-1820	OF3 (GoldLinQ) + IV - Plans - Technical Maintenence Plan - Review and Approve	15d	17-Feb-22	09-Mar-22	874d
OM-PLAN-1180	OF3 (GoldLinQ) + IV - Plans - Final Asset Handover Management Plan - Review and Approve	15d	04-Nov-24	22-Nov-24	25d
OM-PLAN-1280	OF3 (GoldLinQ) + IV - Plans - Transition Out Management Plan - Review and Approve	15d	04-Nov-24	22-Nov-24	25d
OM-PLAN-1160	OF3 (GoldLinQ) + IV - Program - O&M Program - Review and Approve	15d	08-Apr-25	01-May-25	0d
PP-GL-MP-1740	OF3 (GoldLinQ) + IV - Plans - Stray Current Management Plan - Review and Approve (Stray Current Governai	15d	03-Jul-25	23-Jul-25	0d
OM-PLAN-1460	OF3 (GoldLinQ) + IV - Plans - Transport Integration Plan - Review and Approve	15d	11-Sep-25	01-Oct-25	0d
O&M		191d	28-Aug-24	13-Jun-25	34d
CM-OM-3280	Major & Minor Service Provider	191d	28-Aug-24	13-Jun-25	34d
CM-OM-3300	Maintenance Contracts for Current & Renewal Agreements - Overhead Line, Fire system, comms	52d	27-Feb-25	15-May-25	0d
CM-OM-3380	O&M Contractor (KD) - Review RAMS Report from D&C Contractor (JH)	20d	16-May-25	12-Jun-25	35d
Handover Plan		737d	08-Jun-22	13-Jun-25	0d
OM-PLAN-1400	D&C Contractor (JH) - Recommended Spares List (submit 10months from D&C Completions)	602d	08-Jun-22	15-Nov-24	0d
OM-PLAN-1320	D&C Contractor (JH) - Maintenance Manual (Progressive Updates)(6 months prior to D&C Completion)	210d	26-Feb-24	06-Jan-25	79d
OM-PLAN-1360	D&C Contractor (JH) & O&M Contractor - Schedule - Maintenance Schedule (submit by h/o of assets)	210d	26-Feb-24	06-Jan-25	79d
CM-OM-3200	D&C Contractor (JH) to Update Asset Register	61d	27-Sep-24	06-Jan-25	88d
OM-PLAN-1420	D&C Contractor (JH) - Procure Spares	119d	10-Dec-24	13-Jun-25	0d
Design		826d	29-Sep-21	25-Feb-25	0d
OM-DESIGN-1000	D&C Contractor (JH) - Provide Approved for Consultation (AFC Drawings)	339d	29-Sep-21	27-Feb-23	372d



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JOHN HOLLAND

JHG.5004.0007.1939

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
OM-DESIGN-1020	System Site Drawings	199d	09-May-24	25-Feb-25	0d
Delivery Phase		438d	10-May-23	21-Feb-25	12d
OM-DP-1000	Familiarisation with equipment and site layout	384d	10-May-23	22-Nov-24	0d
OM-DP-1020	Participation in Signal Sighting Committee (SSC)	29d	13-Jan-25	21-Feb-25	12d
Training		338d	15-Dec-23	15-May-25	218d
TPS		118d	15-Dec-23	18-Jun-24	438d
CM-OM-3420	D&C Contractor (JH) - Submit TPS O&M Manuals	40d	15-Dec-23	23-Feb-24	66d
CM-OM-3460	O&M Contractor (KD) - TPS O&M Manual Review	15d	26-Feb-24	15-Mar-24	438d
CM-OM-3440	O&M Contractor (KD) - Work Instruction/Procedures for TPS	19d	18-Mar-24	15-Apr-24	438d
CM-OM-3480	O&M Contractor (KD) - Training of Operators & Maintenance Personnel for TPS	44d	16-Apr-24	18-Jun-24	438d
Rail Systems		298d	26-Feb-24	15-May-25	0d
CM-OM-3220	D&C Contractor (JH) - Submit O&M Manual (Progressively)	60d	26-Feb-24	23-May-24	66d
CM-OM-3400	O&M Contractor (KD) - Rail Systems O&M Manual Review	15d	24-May-24	13-Jun-24	66d
CM-OM-3240	O&M Contractor (KD) - Work Instruction/Procedures for Rail Systems	19d	14-Jun-24	10-Jul-24	66d
OM-TRAIN-1060	D&C Contractor (JH) Training (Stage 3 Rail Systems infrastructure different from Stage 1 & 2)	140d	11-Oct-24	15-May-25	0d
Driver Training		248d	10-May-24	15-May-25	0d
CM-OM-3120	O&M (KD) - To provide competent drivers to facilitate infrastructure tests with LRV	120d	10-May-24	28-Oct-24	27d
CM-OM-3340	O&M (KD) - Driver Recuitment and pre employment test	1d	14-Oct-24	14-Oct-24	9d
CM-OM-3320	O&M (KD) - To provide Driver HR Induction	20d	29-Oct-24	25-Nov-24	27d
OM-TRAIN-1080	O&M (KD) - Driver Training	84d	13-Jan-25	15-May-25	0d
OCC		82d	01-Nov-24	11-Mar-25	0d
OM-TRAIN-1140	O&M Contractor (KD) - OCC Staff Familiarisation	82d	01-Nov-24	11-Mar-25	0d
MOC (O&M) & Registers		669d	20-Sep-22	20-Jun-25	172d
GCLR-AP110	O&M Contractor (KD) - MoC (RSA) - O&M Rolling stock - Separable Portion A	30d	20-Sep-22*	01-Nov-22	214d
GCLR-AP034	O&M Contractor (KD) - Operational Risk Register	150d	07-Nov-23	24-Jun-24	414d
GCLR-AP140	O&M Contractor (KD) - MoC (RSA) - Prior to passenger services	150d	01-Aug-24	17-Mar-25	0d
GCLR-AP120	O&M Contractor (KD) - MoC (RSA) - O&M Rolling stock - Separable Portion B	30d	09-Sep-24	21-Oct-24	12d
GCLR-AP040	O&M Contractor (KD) - Enterprise Risk Register Update	64d	02-Dec-24	14-Mar-25	0d
Spares & RAMS Availability		156d	25-Oct-24	20-Jun-25	29d
GCLR-SAH121	O&M Contractor (KD) - Spare List from D&C Contractor (JH) Analysis and finalise	80d	25-Oct-24	28-Feb-25	0d
GCLR-SAH141	O&M Contractor (KD) - Identify long lead items not on spare list	80d	22-Nov-24	28-Mar-25	0d
GCLR-SAH120	O&M Contractor (KD) - Review RAMS report from D&C Contractor (JH)	85d	18-Feb-25	20-Jun-25	29d
SQE Plan		575d	24-Oct-22	07-Mar-25	0d
GCLR-JC030	O&M Contractor (KD) - Submit ot GoldLinQ Updated SMS, as applicable SPA	10d	24-Oct-22	04-Nov-22	211d
GCLR-JC010	O&M Contractor (KD) - Map of SMS (Safety Mgt System)	30d	12-Apr-24	27-May-24	64d
GCLR-JC015	O&M Contractor (KD) - Submission package register developed (inc. meet accred submitted dates)	30d	07-May-24	17-Jun-24	116d
GCLR-JC130	O&M Contractor (KD) - Emergency Scenarios	12d	25-Oct-24	11-Nov-24	0d
GCLR-JC040	O&M Contractor (KD) - Review – Handback Procedure (CAS)	20d	01-Nov-24	28-Nov-24	0d
GCLR-JC140	O&M Contractor (KD) - Training of Emergency Services	10d	12-Nov-24	25-Nov-24	0d
GCLR-JC090	O&M Contractor (KD) - Enviromnental Requirements Established and Documented	60d	29-Nov-24	07-Mar-25	0d
GCLR-JC035	O&M Contractor (KD) - SAWCS Package – (Revise)	60d	29-Nov-24	07-Mar-25	0d
Stage 3 Timetable		61d	21-Oct-24	28-Jan-25	0d
CM-OM-2100	O&M Contractor (KD) - Develop Time table and roster for Stage 3	21d	21-Oct-24	18-Nov-24	0d
CM-OM-2080	O&M Contractor (KD) - Prepare Stage 3 Timetable Roster	61d	21-Oct-24	28-Jan-25	0d
CM-OM-2120	O&M Contractor (KD) - Consultation Roster Stage 3	40d	19-Nov-24	28-Jan-25	0d
Testing & Commissioning		184d	09-Sep-24	13-Jun-25	0d
O&M Provisions		184d	09-Sep-24	13-Jun-25	0d
CM-OM-3100	O&M Contractor (KD) to provide personnel to staff OCC for testing	45d	09-Sep-24	11-Nov-24	34d
CM-OM-1020	O&M Contractor (KD) to provide OCC Controllers in the ITF (From STATIC SIT of ITF through to end of Trial F	225d	01-Nov-24	13-Jun-25	0d
CM-OM-3140	D&C Contractor (JH) Ready to Receive 1 or More LRVs	0d	11-Jan-25		0d
O&M Pre-Completion Activities		141d	08-Nov-24	13-Jun-25	0d
CM-OM-1060	Remote Control of BBS Points - O&M to complete within timeframe of STATIC SIT - SIGNALS	20d	08-Nov-24	09-Dec-24	3d
CM-OM-1040	Communication System Failure on Stage 3 - O&M to complete within timeframe of STATIC SIT - COMMUNICA	21d	08-Nov-24	10-Dec-24	3d
CM-OM-2020	TPS Failure - O&M to complete within Timeframe of STATIC SIT - TPS	11d	09-Dec-24	09-Jan-25	1d
CM-OM-2060	Intersection Recovery - O&M to complete within timeframe of Priority Testing	16d	11-Jan-25	07-Feb-25	45d
CM-OM-2040	PIDS/PA During Disruption - O&M to complete within timeframe of DYNAMIC SIT - COMMUNICATIONS	32d	11-Jan-25	07-Mar-25	3d
CM-OM-3020	Depot OCC Failure - O&M to complete within timeframe of cutover into OCC	21d	12-Mar-25	14-Apr-25	0d
CM-OM-3040	Emergency Shutdown System Recovery - O&M to complete within timeframe of cutover into OCC	21d	12-Mar-25	14-Apr-25	0d
CM-OM-1080	Point Controller Failure at BBS - O&M to complete within timeframe of ORT	7d	02-May-25	15-May-25	0d
CM-OM-3060	LRV Swap at BBS - O&M to complete within timeframe of ORT	7d	02-May-25	15-May-25	0d
CM-OM-3080	Points Machines & Junctions Operations - O&M to complete within timeframe of Trial Running	29d	16-May-25	13-Jun-25	0d
Procedures & Briefing		226d	12-Jul-24	17-Jun-25	0d
Station Announcement		39d	13-Jan-25	07-Mar-25	45d
GCLR-SH640	O&M Contractor (KD) - Brainstorm announcement required	5d	13-Jan-25	17-Jan-25	54d



Date	Revision	Checked	Approved

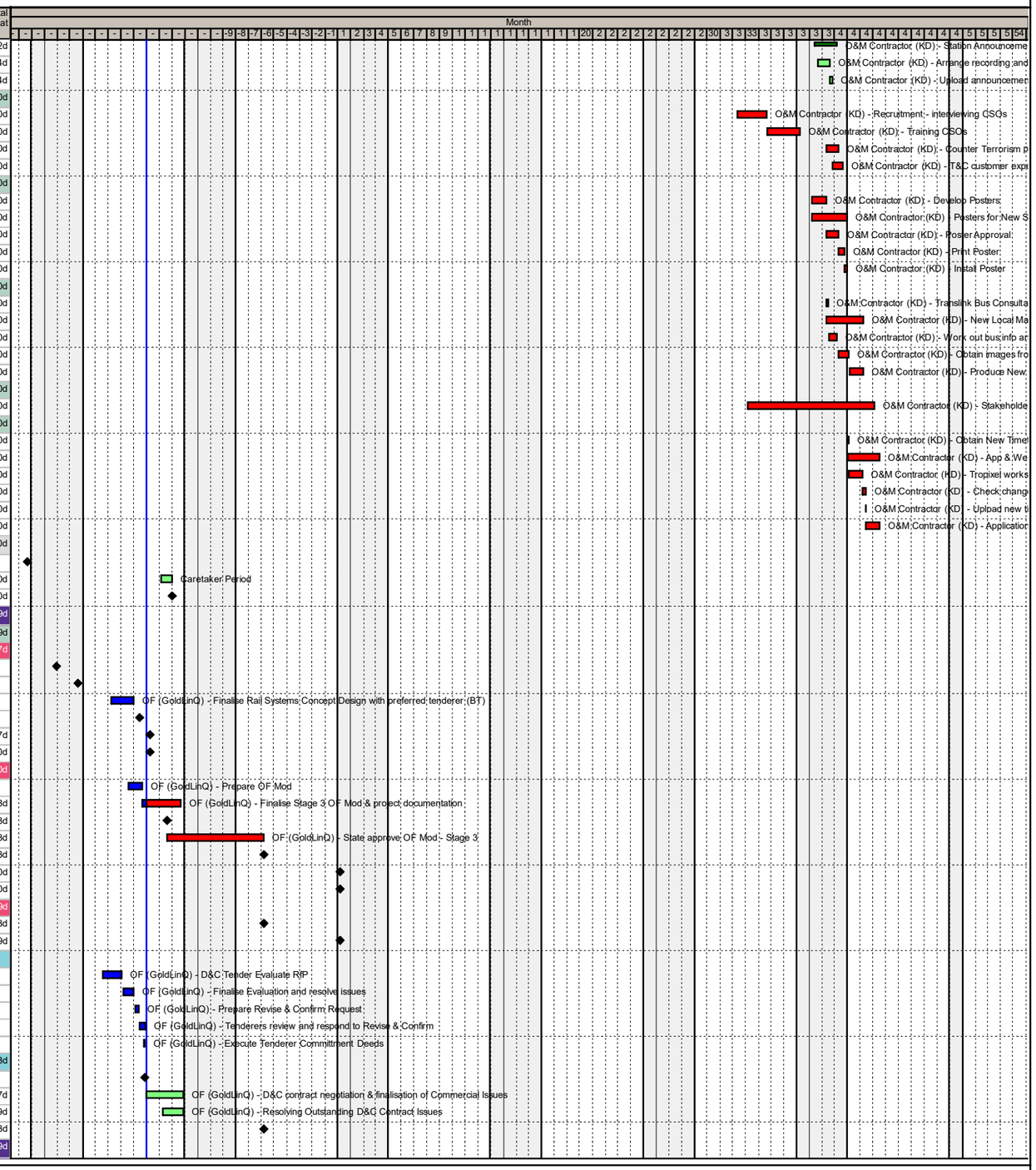
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
GCLR-SH620	O&M Contractor (KD) - Station Announcement, Recording and Test (DSIT)	39d	13-Jan-25	07-Mar-25	2d
GCLR-SH660	O&M Contractor (KD) - Arrange recording and studio day	20d	20-Jan-25	17-Feb-25	54d
GCLR-SH680	O&M Contractor (KD) - Upload announcement to PA & Test	5d	18-Feb-25	24-Feb-25	54d
Plan Update to Include Stage 3		168d	12-Jul-24	21-Mar-25	0d
GCLR-SH770	O&M Contractor (KD) - Recruitment - interviewing CSOs	50d	12-Jul-24	20-Sep-24	0d
GCLR-SH780	O&M Contractor (KD) - Training CSOs	55d	23-Sep-24	09-Dec-24	0d
GCLR-SH720	O&M Contractor (KD) - Counter Terrorism plan	20d	11-Feb-25	10-Mar-25	0d
GCLR-SH830	O&M Contractor (KD) - T&C customer experience on tram	20d	24-Feb-25	21-Mar-25	0d
Posters for New Station		60d	06-Jan-25	31-Mar-25	0d
GCLR-SH1140	O&M Contractor (KD) - Develop Posters	25d	06-Jan-25	10-Feb-25	0d
GCLR-SH1060	O&M Contractor (KD) - Posters for New Station	60d	06-Jan-25	31-Mar-25	0d
GCLR-SH1160	O&M Contractor (KD) - Poster Approval	20d	11-Feb-25	10-Mar-25	0d
GCLR-SH1180	O&M Contractor (KD) - Print Poster	10d	11-Mar-25	24-Mar-25	0d
GCLR-SH1200	O&M Contractor (KD) - Install Poster	5d	25-Mar-25	31-Mar-25	0d
New Local Area Map for Station		60d	10-Feb-25	08-May-25	0d
GCLR-SH930	O&M Contractor (KD) - Translink Bus Consultation	5d	10-Feb-25	14-Feb-25	0d
GCLR-SH920	O&M Contractor (KD) - New Local Map for Station	60d	10-Feb-25	08-May-25	0d
GCLR-SH940	O&M Contractor (KD) - Work out bus info and bus replacement stop	15d	17-Feb-25	07-Mar-25	0d
GCLR-SH960	O&M Contractor (KD) - Obtain images from Translink	20d	10-Mar-25	04-Apr-25	0d
GCLR-SH980	O&M Contractor (KD) - Produce New Map	20d	07-Apr-25	08-May-25	0d
Stakeholder Comms		200d	06-Aug-24	04-Jun-25	0d
GCLR-SH950	O&M Contractor (KD) - Stakeholder meetings	200d	06-Aug-24	04-Jun-25	0d
Apps & Web Updates		50d	03-Apr-25	17-Jun-25	0d
GCLR-SH1020	O&M Contractor (KD) - Obtain New Timetable from Ops	1d	03-Apr-25	03-Apr-25	0d
GCLR-SH1000	O&M Contractor (KD) - App & Web Updates	50d	03-Apr-25	17-Jun-25	0d
GCLR-SH1040	O&M Contractor (KD) - Tropixel works on update	20d	04-Apr-25	07-May-25	0d
GCLR-SH1080	O&M Contractor (KD) - Check changes before upload	5d	08-May-25	14-May-25	0d
GCLR-SH1100	O&M Contractor (KD) - Upload new timetable to web and app	1d	15-May-25	15-May-25	0d
GCLR-SH1120	O&M Contractor (KD) - Application update available to customers	23d	16-May-25	17-Jun-25	0d
OPERATOR FRANCHISE (OF) PROGRAMME - Rev 6 25-May-21 Gold Coast Light Rail - Stage 3		1435d	20-Nov-19 A	01-Oct-25	120d
OF-GCLR3-0001	OF (GoldLinQ) - Project Announcement	0d		20-Nov-19 A	
OF-GCLR3-0005	Caretaker Period	27d	05-Oct-20*	31-Oct-20	0d
OF-GCLR3-0008	State Election 2020	0d		31-Oct-20*	0d
STAGE 3 - PROJECT PROCUREMENT & APPROVALS		456d	29-Jan-20 A	06-Dec-21	1049d
PROCUREMENT		456d	29-Jan-20 A	06-Dec-21	1049d
Rail Systems Core Scope		154d	29-Jan-20 A	07-Sep-20	297d
OF-GCLR3-6001	OF (GoldLinQ) - Technical Deliverables for RFT Release due (BT)	0d		29-Jan-20 A	
OF-GCLR3-6005	OF (GoldLinQ) - Feedback on D&C Interface Deed & Core Systems D&C Subcontract (D&C Tenderers)	0d		20-Mar-20 A	
OF-GCLR3-6015	OF (GoldLinQ) - Finalise Rail Systems Concept Design with preferred tenderer (BT)	24d	08-Jun-20 A	31-Jul-20 A	
OF-GCLR3-6011	OF (GoldLinQ) - Techninal Deliverables for RFT Interactives due (BT)	0d		14-Aug-20 A	
OF-GCLR3-6031	OF (GoldLinQ) - Final D&C Interface Deed and Core Systems D&C Subcontract agreed	0d		07-Sep-20*	297d
OF-GCLR3-6021	OF (GoldLinQ) - Technical Deliverables Concept Design due (BT)	0d		07-Sep-20*	240d
OF Modification		336d	20-Jul-20 A	06-Dec-21	0d
OF-GCLR3-0500	OF (GoldLinQ) - Prepare OF Mod	16d	20-Jul-20 A	21-Aug-20 A	
OF-GCLR3-0501	OF (GoldLinQ) - Finalise Stage 3 OF Mod & project documentation	8d	21-Aug-20 A	20-Nov-20	3d
OF-GCLR3-0502	OF (GoldLinQ) - Issue OF Modification to State	0d	19-Oct-20		3d
OF-GCLR3-0510	OF (GoldLinQ) - State approve OF Mod - Stage 3	145d	20-Oct-20	07-Jun-21	3d
OF-GCLR3-0512	OF (GoldLinQ) - 3rd Committment Deed / Initial Financial Close	0d		07-Jun-21	3d
OF-GCLR3-0522	OF (GoldLinQ) - D&C Contract Award (Target Date)	0d		06-Dec-21*	0d
OF-GCLR3-0540	OF (GoldLinQ) - Financial Close (Target Date)	0d		06-Dec-21*	0d
D&C TENDER		381d	18-May-20 A	06-Dec-21	1049d
OF-GCLR3-0120	OF (GoldLinQ) - Award IV Early Works Contract for D&C Works	0d		07-Jun-21	3d
OF-GCLR3-0140	OF (GoldLinQ) - Award IV Contract for D&C Works (01-Dec-21)	0d		06-Dec-21	1049d
RFT		89d	18-May-20 A	28-Aug-20 A	
OF-GCLR3-0080	OF (GoldLinQ) - D&C Tender Evaluate RfP	28d	18-May-20 A	03-Jul-20 A	
OF-GCLR3-0081	OF (GoldLinQ) - Finalise Evaluation and resolve issues	24d	06-Jul-20 A	31-Jul-20 A	
OF-GCLR3-0085	OF (GoldLinQ) - Prepare Revise & Confirm Request	8d	04-Aug-20 A	13-Aug-20 A	
OF-GCLR3-0086	OF (GoldLinQ) - Tenderers review and respond to Revise & Confirm	4d	14-Aug-20 A	28-Aug-20 A	
OF-GCLR3-0090	OF (GoldLinQ) - Execute Tenderer Committment Deeds	3d	24-Aug-20 A	26-Aug-20 A	
Approval & Award		182d	26-Aug-20 A	07-Jun-21	3d
OF-GCLR3-0091	OF (GoldLinQ) - Announce 1st Ranked Tenderer	0d		26-Aug-20 A	
OF-GCLR3-0100	OF (GoldLinQ) - D&C contract negotiation & finalisation of Commercial Issues	63d	01-Sep-20	27-Nov-20	7d
OF-GCLR3-0130	OF (GoldLinQ) - Resolving Outstanding D&C Contract Issues	37d	08-Oct-20	27-Nov-20	119d
OF-GCLR3-0110	OF (GoldLinQ) - Award D&C Early Works Contract - Post Tender Nominated as 04-Jun-21	0d		07-Jun-21	3d
DELIVERY APPROVALS AND AGREEMENTS		1074d	06-Jan-20 A	04-Jun-24	429d



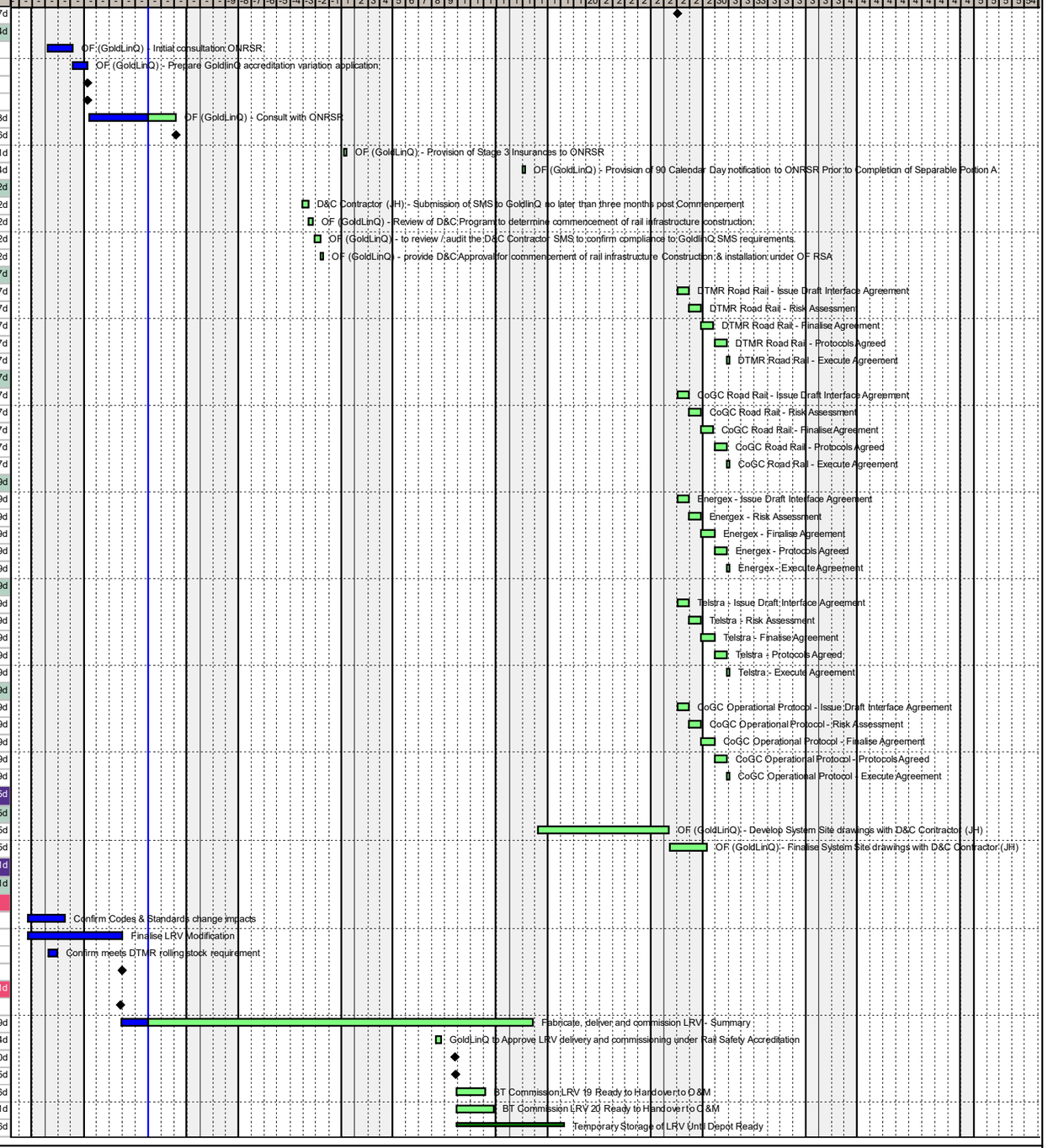
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
OF-GCLR3-8065	OF (GoldLinQ) - Commence Interface Agreements for Completion	0d	01-Feb-24*		147d
Rail Safety Accreditation		750d	06-Jan-20 A	07-Feb-23	484d
OF-GCLR3-7001	OF (GoldLinQ) - Initial consultation ONRSR	35d	06-Jan-20 A	05-Mar-20 A	
OF-GCLR3-7011	OF (GoldLinQ) - Prepare GoldlinQ accreditation variation application	20d	06-Mar-20 A	09-Apr-20 A	
OF-GCLR3-7021	OF (GoldLinQ) - Submit GoldlinQ accreditation variation application	0d		09-Apr-20 A	
OF-GCLR3-7031	OF (GoldLinQ) - Submit GoldlinQ accreditation exemption application to ONRSR	0d		09-Apr-20 A	
OF-GCLR3-7041	OF (GoldLinQ) - Consult with ONRSR	100d	14-Apr-20 A	05-Nov-20	773d
OF-GCLR3-7051	OF (GoldLinQ) - ONRSR approve GoldlinQ accreditation variation and exemption	0d		05-Nov-20	516d
OF-GCLR3-7061	OF (GoldLinQ) - Provision of Stage 3 Insurances to ONRSR	5d	07-Dec-21	13-Dec-21	251d
OF-GCLR3-7071	OF (GoldLinQ) - Provision of 90 Calendar Day notification to ONRSR Prior to Completion of Separable Portion A	5d	01-Feb-23	07-Feb-23	484d
Approval to Commence Construction		34d	31-Aug-21	18-Oct-21	332d
OF-GCLR3-8026	D&C Contractor (JH) - Submission of SMS to GoldlinQ no later than three months post Commencement	10d	31-Aug-21	13-Sep-21	332d
OF-GCLR3-8027	OF (GoldLinQ) - Review of D&C Program to determine commencement of rail infrastructure construction.	9d	14-Sep-21	24-Sep-21	332d
OF-GCLR3-8028	OF (GoldLinQ) - to review / audit the D&C Contractor SMS to confirm compliance to GoldlinQ SMS requiremen	10d	27-Sep-21	11-Oct-21	332d
OF-GCLR3-8029	OF (GoldLinQ) - provide D&C Approval for commencement of rail infrastructure Construction & installation unde	5d	12-Oct-21	18-Oct-21	332d
DTMR Road Rail Interface Agreements		84d	01-Feb-24	03-Jun-24	147d
OF-GCLR3-8000	DTMR Road Rail - Issue Draft Interface Agreement	20d	01-Feb-24	28-Feb-24	147d
OF-GCLR3-8001	DTMR Road Rail - Risk Assessment	20d	29-Feb-24	27-Mar-24	147d
OF-GCLR3-8002	DTMR Road Rail - Finalise Agreement	19d	28-Mar-24	26-Apr-24	147d
OF-GCLR3-8003	DTMR Road Rail - Protocols Agreed	20d	29-Apr-24	27-May-24	147d
OF-GCLR3-8004	DTMR Road Rail - Execute Agreement	5d	28-May-24	03-Jun-24	147d
CoGC Road Rail Interface Agreements		84d	01-Feb-24	03-Jun-24	147d
OF-GCLR3-8005	CoGC Road Rail - Issue Draft Interface Agreement	20d	01-Feb-24	28-Feb-24	147d
OF-GCLR3-8006	CoGC Road Rail - Risk Assessment	20d	29-Feb-24	27-Mar-24	147d
OF-GCLR3-8007	CoGC Road Rail - Finalise Agreement	19d	28-Mar-24	26-Apr-24	147d
OF-GCLR3-8008	CoGC Road Rail - Protocols Agreed	20d	29-Apr-24	27-May-24	147d
OF-GCLR3-8009	CoGC Road Rail - Execute Agreement	5d	28-May-24	03-Jun-24	147d
Energex Interface Agreements		85d	01-Feb-24	04-Jun-24	429d
OF-GCLR3-8015	Energex - Issue Draft Interface Agreement	20d	01-Feb-24	28-Feb-24	429d
OF-GCLR3-8016	Energex - Risk Assessment	20d	29-Feb-24	27-Mar-24	429d
OF-GCLR3-8017	Energex - Finalise Agreement	20d	28-Mar-24	29-Apr-24	429d
OF-GCLR3-8018	Energex - Protocols Agreed	20d	30-Apr-24	28-May-24	429d
OF-GCLR3-8019	Energex - Execute Agreement	5d	29-May-24	04-Jun-24	429d
Telstra Interface Agreements		85d	01-Feb-24	04-Jun-24	429d
OF-GCLR3-8010	Telstra - Issue Draft Interface Agreement	20d	01-Feb-24	28-Feb-24	429d
OF-GCLR3-8011	Telstra - Risk Assessment	20d	29-Feb-24	27-Mar-24	429d
OF-GCLR3-8012	Telstra - Finalise Agreement	20d	28-Mar-24	29-Apr-24	429d
OF-GCLR3-8013	Telstra - Protocols Agreed	20d	30-Apr-24	28-May-24	429d
OF-GCLR3-8014	Telstra - Execute Agreement	5d	29-May-24	04-Jun-24	429d
CoGC Operational Protocol Interface Agreements		85d	01-Feb-24	04-Jun-24	429d
OF-GCLR3-8020	CoGC Operational Protocol - Issue Draft Interface Agreement	20d	01-Feb-24	28-Feb-24	429d
OF-GCLR3-8021	CoGC Operational Protocol - Risk Assessment	20d	29-Feb-24	27-Mar-24	429d
OF-GCLR3-8022	CoGC Operational Protocol - Finalise Agreement	20d	28-Mar-24	29-Apr-24	429d
OF-GCLR3-8023	CoGC Operational Protocol - Protocols Agreed	20d	30-Apr-24	28-May-24	429d
OF-GCLR3-8024	CoGC Operational Protocol - Execute Agreement	5d	29-May-24	04-Jun-24	429d
DESIGN		266d	09-Mar-23	10-Apr-24	485d
System Site Drawings		266d	09-Mar-23	10-Apr-24	485d
OF-GCLR3-1110	OF (GoldLinQ) - Develop System Site drawings with D&C Contractor (JH)	206d	09-Mar-23	12-Jan-24	485d
OF-GCLR3-1120	OF (GoldLinQ) - Finalise System Site drawings with D&C Contractor (JH)	60d	15-Jan-24	10-Apr-24	485d
PROCUREMENT		867d	21-Nov-19 A	09-May-23	711d
LRV ORDER		867d	21-Nov-19 A	09-May-23	711d
LRV Specification & Order		156d	21-Nov-19 A	01-Jul-20 A	
OF-GCLR3-0169	Confirm Codes & Standards change impacts	42d	21-Nov-19 A	17-Feb-20 A	
OF-GCLR3-0168	Finalise LRV Modification	120d	21-Nov-19 A	01-Jul-20 A	
OF-GCLR3-0171	Confirm meets DTMR rolling stock requirement	12d	08-Jan-20 A	28-Jan-20 A	
OF-GCLR3-0178	Place Order for LRV	0d		01-Jul-20 A	
LRV Fabrication, delivery & commissioining		669d	26-Jun-20 A	09-May-23	711d
OF-GCLR3-0181	Order for LRV	0d		26-Jun-20 A	
OF-GCLR3-0180	Fabricate, deliver and commission LRV - Summary	505d	29-Jun-20 A	24-Feb-23	759d
OF-GCLR3-0182	GoldLinQ to Approve LRV delivery and commissioning under Rail Safety Accreditation	10d	11-Jul-22	22-Jul-22	254d
OF-GCLR3-0190	Deliver LRV 19 to Depot 25-Aug-22	0d		25-Aug-22*	230d
OF-GCLR3-0192	Deliver LRV 20 to Depot 26-Aug-22	0d		26-Aug-22*	1315d
OF-GCLR3-0191	BT Commission LRV 19 Ready to Handover to O&M	49d	29-Aug-22	04-Nov-22	526d
OF-GCLR3-0193	BT Commission LRV 20 Ready to Handover to O&M	64d	29-Aug-22	25-Nov-22	511d
OF-GCLR3-0202	Temporary Storage of LRV Until Depot Ready	166d	29-Aug-22	09-May-23	666d



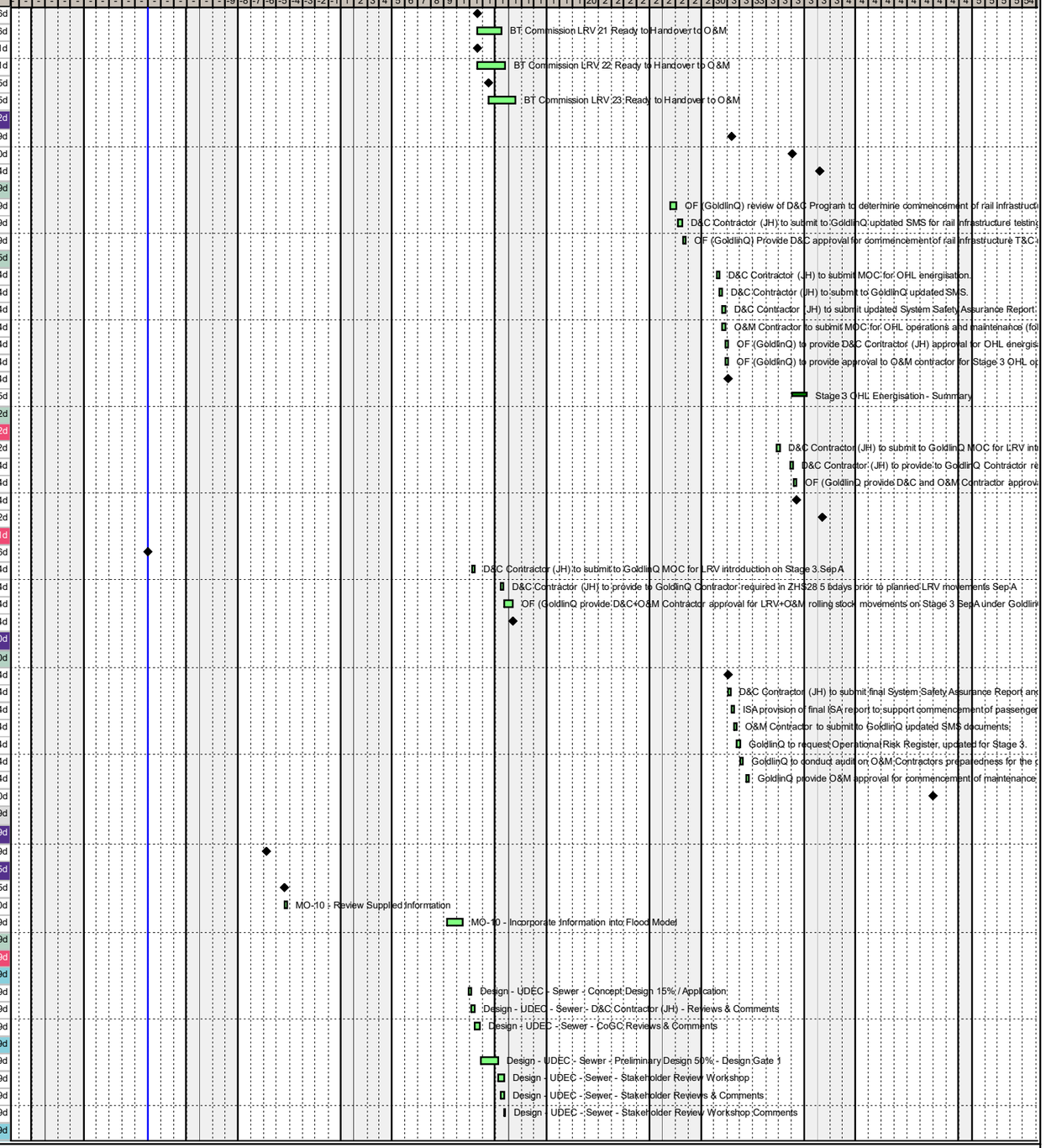
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
OF-GCLR3-0210	Deliver LRV 21 to Depot 18-Oct-22	0d		18-Oct-22*	496d
OF-GCLR3-0211	BT Commission LRV 21 Ready to Handover to O&M	43d	19-Oct-22	16-Dec-22	496d
OF-GCLR3-0212	Deliver LRV 22 to Depot 19-Oct-22	0d		19-Oct-22*	491d
OF-GCLR3-0213	BT Commission LRV 22 Ready to Handover to O&M	47d	20-Oct-22	23-Dec-22	491d
OF-GCLR3-0300	Deliver LRV 23 to Depot 14-Nov-22	0d		14-Nov-22*	485d
OF-GCLR3-0301	BT Commission LRV 23 Ready to Handover to O&M	35d	15-Nov-22	16-Jan-23	485d
TESTING & COMMISSIONING		1054d	01-Sep-20	13-Jan-25	302d
OF-GCLR3-3040	D&C Contractor (JH) - Commencent of rail infrastructure T&C under GoldlinQ Rail Safety Accreditation	0d	12-Jun-24		69d
OF-GCLR3-8086	D&C Contractor (JH) - Commencent of Energisation with OHL	0d	01-Nov-24		0d
OF-GCLR3-8106	LRV/Rolling Stock Required	0d	07-Jan-25		4d
Approval to Commence Testing & Commissioning		25d	19-Jan-24	23-Feb-24	69d
OF-GCLR3-8031	OF (GoldlinQ) review of D&C Program to determine commencement of rail infrastructure testing & commissioni	10d	19-Jan-24	02-Feb-24	69d
OF-GCLR3-8032	D&C Contractor (JH) to submit to GoldlinQ updated SMS for rail infrastructure testing and commissioning activiti	10d	05-Feb-24	16-Feb-24	69d
OF-GCLR3-8033	OF (GoldlinQ) Provide D&C approval for commencement of rail infrastructure T&C under GoldlinQ Rail Safety A	5d	19-Feb-24	23-Feb-24	69d
Stage 3 OHL Energisation		152d	07-May-24	06-Dec-24	15d
OF-GCLR3-8035	D&C Contractor (JH) to submit MOC for OHL energisation.	5d	07-May-24	13-May-24	64d
OF-GCLR3-8036	D&C Contractor (JH) to submit to GoldlinQ updated SMS.	5d	14-May-24	20-May-24	64d
OF-GCLR3-8037	D&C Contractor (JH) to submit updated System Safety Assurance Report and Hazard Log to GoldlinQ.	5d	21-May-24	27-May-24	64d
OF-GCLR3-8039	O&M Contractor to submit MOC for OHL operations and maintenance (following electrical connection of Stage 3	5d	21-May-24	27-May-24	64d
OF-GCLR3-8038	OF (GoldlinQ) to provide D&C Contractor (JH) approval for OHL energisation under GoldlinQ rail safety accred	5d	28-May-24	03-Jun-24	64d
OF-GCLR3-8041	OF (GoldlinQ) to provide approval to O&M contractor for Stage 3 OHL operations & maintenance under OF rail	5d	28-May-24	03-Jun-24	64d
OF-GCLR3-3010	D&C Contractor (JH) - Energisation Approved to Commence	0d	04-Jun-24		64d
OF-GCLR3-8034	Stage 3 OHL Energisation - Summary	26d	01-Nov-24	06-Dec-24	15d
Commencement of LRV Movements (and introduction of other O&M rolling stock on Stage 3)		1054d	01-Sep-20	13-Jan-25	302d
Commencement of LRV Movements (and introduction of other O&M rolling stock on S3 - Main Alignment)		65d	27-Sep-24	13-Jan-25	302d
OF-GCLR3-8043	D&C Contractor (JH) to submit to GoldlinQ MOC for LRV introduction on Stage 3.	5d	27-Sep-24	03-Oct-24	12d
OF-GCLR3-8046	D&C Contractor (JH) to provide to GoldlinQ Contractor required in ZHS28 5 business days prior to planned LR\	5d	29-Oct-24	04-Nov-24	4d
OF-GCLR3-8047	OF (GoldlinQ provide D&C and O&M Contractor approval for LRV & O&M rolling stock movements on Stage 3	5d	05-Nov-24	11-Nov-24	4d
OF-GCLR3-3020	LRV/Rolling Stock Movements Approved to Commence	0d	12-Nov-24		4d
OF-GCLR3-8042	Commencement of LRV Movements (and introduction of other O&M rolling stock on S3)	0d	13-Jan-25		302d
Commencement of LRV Movements (and introduction of other O&M rolling stock on S3 - Sep A)		565d	01-Sep-20	11-Jan-23	791d
OF-GCLR3-8062	Commencement of LRV Movements (and introduction of other O&M rolling stock on S3 Sep A)	0d	01-Sep-20		1356d
OF-GCLR3-8063	D&C Contractor (JH) to submit to GoldlinQ MOC for LRV introduction on Stage 3.Sep A	5d	07-Oct-22	13-Oct-22	184d
OF-GCLR3-8093	D&C Contractor (JH) to provide to GoldlinQ Contractor required in ZHS28 5 bdays prior to planned LRV moven	5d	14-Dec-22	20-Dec-22	184d
OF-GCLR3-8103	OF (GoldlinQ provide D&C+O&M Contractor approval for LRV+O&M rolling stock movements on Stage 3 SepA	5d	21-Dec-22	10-Jan-23	184d
OF-GCLR3-3021	LRV/Rolling Stock Movements Approved to Commence on Sep A	0d	11-Jan-23		184d
COMPLETION AND HANDOVER TO OPERATIONS		329d	03-Jun-24	01-Oct-25	120d
Commencement of Passenger Services on Stage 3		329d	03-Jun-24	01-Oct-25	120d
OF-GCLR3-8049	GoldlinQ obtain all executed Road Rail Crossing Interface Agreements.	0d		03-Jun-24	414d
OF-GCLR3-8050	D&C Contractor (JH) to submit final System Safety Assurance Report and Hazard Log to GoldlinQ.	5d	04-Jun-24	10-Jun-24	414d
OF-GCLR3-8051	ISA provision of final ISA report to support commencement of passenger services.	5d	11-Jun-24	17-Jun-24	414d
OF-GCLR3-8052	O&M Contractor to submit to GoldlinQ updated SMS documents.	5d	18-Jun-24	24-Jun-24	414d
OF-GCLR3-8054	GoldlinQ to request Operational Risk Register, updated for Stage 3.	5d	25-Jun-24	01-Jul-24	414d
OF-GCLR3-8055	GoldlinQ to conduct audit on O&M Contractors preparedness for the commencement of passenger services on	5d	02-Jul-24	08-Jul-24	414d
OF-GCLR3-8056	GoldlinQ provide O&M approval for commencement of maintenance and passengers services on Stage 3 under	5d	16-Jul-24	22-Jul-24	414d
OF-GCLR3-8066	Passenger Services Ready to Commence	0d		01-Oct-25	120d
MANDATORY TENDER OPTIONS (MTO)		736d	07-Jun-21	13-Jun-24	419d
450mm Water Main		0d	07-Jun-21	07-Jun-21	49d
MO-WT-1000	WM - Day 1 - 450mm Water Main	0d		07-Jun-21	49d
Mandatory Option 10 - Lower Gold Coast Highway Drainage		522d	19-Jul-21	07-Sep-23	315d
MO10-1000	MO-10 - Day 30 - Lower Gold Coast Highway Drainage	0d		19-Jul-21	45d
MO10-1020	MO-10 - Review Supplied Information	5d	20-Jul-21	26-Jul-21	600d
MO10-3460	MO-10 - Incorporate Information into Flood Model	28d	08-Aug-22	15-Sep-22	349d
Design Group-6		129d	28-Sep-22	14-Apr-23	349d
Sewer DP#7 (Zone 2D)		129d	28-Sep-22	14-Apr-23	349d
Design Development Concept (15%) / Application		20d	28-Sep-22	26-Oct-22	349d
MO10-SV-SW-7000	Design - UDEC - Sewer - Concept Design 15% / Application	5d	28-Sep-22	05-Oct-22	349d
MO10-SV-SW-7020	Design - UDEC - Sewer - D&C Contractor (JH) - Reviews & Comments	5d	06-Oct-22	12-Oct-22	349d
MO10-SV-SW-7040	Design - UDEC - Sewer - CoGC Reviews & Comments	10d	13-Oct-22	26-Oct-22	349d
Design Development Gate 1 (50%)		42d	27-Oct-22	23-Dec-22	349d
MO10-SV-SW-7060	Design - UDEC - Sewer - Preliminary Design 50% - Design Gate 1	30d	27-Oct-22	07-Dec-22	349d
MO10-SV-SW-7100	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	08-Dec-22	21-Dec-22	349d
MO10-SV-SW-7080	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	13-Dec-22	21-Dec-22	349d
MO10-SV-SW-7120	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	22-Dec-22	23-Dec-22	349d
Design Development Gate 2 (85%)		42d	09-Jan-23	08-Mar-23	349d



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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
MO10-SV-SW-7140	Design - UDEC - Sewer - Detailed Design 85% - Design Gate 2	30d	09-Jan-23	20-Feb-23	349d
MO10-SV-SW-7160	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	21-Feb-23	01-Mar-23	352d
MO10-SV-SW-7180	Design - UDEC - Sewer - Stakeholder Review Workshop	10d	21-Feb-23	06-Mar-23	349d
MO10-SV-SW-7200	Design - UDEC - Sewer - Stakeholder Review Workshop Comments	2d	07-Mar-23	08-Mar-23	349d
AFC Design Gate 3 (100%)		25d	09-Mar-23	14-Apr-23	349d
MO10-SV-SW-7220	Design - UDEC - Sewer - Issue For Construction 100% - Design Gate 3	10d	09-Mar-23	22-Mar-23	349d
MO10-SV-SW-7240	Design - UDEC - Sewer - Stakeholder Reviews & Comments	7d	23-Mar-23	31-Mar-23	352d
MO10-SV-SW-7260	Design - UDEC - Sewer - Stakeholder Review Workshop, if required	10d	23-Mar-23	05-Apr-23	349d
MO10-SV-SW-7280	Design - UDEC - Sewer - Stakeholder Certification (or confirmation of rejection)	5d	06-Apr-23	14-Apr-23	349d
Water DP#11 (Zone 2D)		129d	28-Sep-22	14-Apr-23	349d
Design Development Concept (15%) / Application		20d	28-Sep-22	26-Oct-22	349d
MO10-SV-WT-9000	MO-10 - Design - UDEC - Water - Concept Design 15% / Application	5d	28-Sep-22	05-Oct-22	349d
MO10-SV-WT-9020	MO-10 - Design - UDEC - Water - D&C Contractor (JH) - Reviews & Comments	5d	06-Oct-22	12-Oct-22	349d
MO10-SV-WT-9040	MO-10 - Design - UDEC - Water - CoGC Reviews & Comments	10d	13-Oct-22	26-Oct-22	349d
Design Development Gate 1 (50%)		42d	27-Oct-22	23-Dec-22	349d
MO10-SV-WT-9060	MO-10 - Design - UDEC - Water - Preliminary Design 50% - Design Gate 1	30d	27-Oct-22	07-Dec-22	349d
MO10-SV-WT-9100	MO-10 - Design - UDEC - Water - Stakeholder Review Workshop	10d	08-Dec-22	21-Dec-22	349d
MO10-SV-WT-9080	MO-10 - Design - UDEC - Water - Stakeholder Reviews & Comments	7d	13-Dec-22	21-Dec-22	349d
MO10-SV-WT-9120	MO-10 - Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	22-Dec-22	23-Dec-22	349d
Design Development Gate 2 (85%)		42d	09-Jan-23	08-Mar-23	349d
MO10-SV-WT-9140	MO-10 - Design - UDEC - Water - Detailed Design 85% - Design Gate 2	30d	09-Jan-23	20-Feb-23	349d
MO10-SV-WT-9160	MO-10 - Design - UDEC - Water - Stakeholder Reviews & Comments	7d	21-Feb-23	01-Mar-23	352d
MO10-SV-WT-9180	MO-10 - Design - UDEC - Water - Stakeholder Review Workshop	10d	21-Feb-23	06-Mar-23	349d
MO10-SV-WT-9200	MO-10 - Design - UDEC - Water - Stakeholder Review Workshop Comments	2d	07-Mar-23	08-Mar-23	349d
AFC Design Gate 3 (100%)		25d	09-Mar-23	14-Apr-23	349d
MO10-SV-WT-9220	MO-10 - Design - UDEC - Water - Issue For Construction 100% - Design Gate 3	10d	09-Mar-23	22-Mar-23	349d
MO10-SV-WT-9240	MO-10 - Design - UDEC - Water - Stakeholder Reviews & Comments	7d	23-Mar-23	31-Mar-23	352d
MO10-SV-WT-9260	MO-10 - Design - UDEC - Water - Stakeholder Review Workshop, if required	10d	23-Mar-23	05-Apr-23	349d
MO10-SV-WT-9280	MO-10 - Design - UDEC - Water - Stakeholder Certification (or confirmation of rejection)	5d	06-Apr-23	14-Apr-23	349d
Telstra DP#8 - Design Gate 3 - (2D - Integration / Spaceproofing)		80d	10-May-22	30-Aug-22	498d
MO10-SV-TLS-8000	MO-10 - Design - Authority - Telstra - DP#8 - Design Gate 3	40d	10-May-22	04-Jul-22	498d
MO10-SV-TLS-8020	MO-10 - Design - Authority - Telstra - Stakeholder Reviews & Comments	10d	05-Jul-22	18-Jul-22	523d
MO10-SV-TLS-8040	MO-10 - Design - Authority - Telstra - Stakeholder Review Workshop, if required	10d	05-Jul-22	18-Jul-22	523d
MO10-SV-TLS-8080	MO-10 - Design - Authority - Telstra - Tenders the design to its industry Panel of specialists	40d	05-Jul-22	30-Aug-22	498d
MO10-SV-TLS-8060	MO-10 - Design - Authority - Telstra - Stakeholder Certification (or confirmation of rejection)	5d	19-Jul-22	25-Jul-22	523d
Stormwater Drainage Design		110d	25-Aug-22	13-Feb-23	402d
Design Development Gate 1		35d	25-Aug-22	14-Oct-22	349d
MO10-DR-1000	MO-10 - Design - Drainage - Develop Gate 1 Design (AECOM)	15d	25-Aug-22	15-Sep-22	349d
MO10-DR-1020	MO-10 - Design - Drainage - IDR/ JH Review/ RSA	5d	09-Sep-22	15-Sep-22	349d
MO10-DR-1040	MO-10 - Design - Drainage - Issue Developed Gate 1 Design (AECOM) for Review	0d		15-Sep-22	349d
MO10-DR-1060	MO-10 - Design - Drainage - External Review - IV Goldlinq State O&M	15d	16-Sep-22	07-Oct-22	349d
MO10-DR-1080	MO-10 - Design - Drainage - Respond and close out Gate 1 Comments	5d	10-Oct-22	14-Oct-22	349d
Design Development Gate 2		50d	17-Oct-22	23-Dec-22	349d
MO10-DR-1100	MO-10 - Design - Drainage - Develop Gate 2 Design (AECOM)	10d	17-Oct-22	28-Oct-22	349d
MO10-DR-1120	MO-10 - Design - Drainage - Issue Developed Gate 2 Design (AECOM) for Review	0d		28-Oct-22	349d
MO10-DR-1140	MO-10 - Design - Drainage - JH Constructor Review/ Verification	10d	31-Oct-22	11-Nov-22	349d
MO10-DR-1160	MO-10 - Design - Drainage - Respond and close out Gate 2 DC3 + IV Comments	5d	14-Nov-22	18-Nov-22	349d
MO10-DR-1180	MO-10 - Design - Drainage - Update Documentation	5d	21-Nov-22	25-Nov-22	349d
MO10-DR-1200	MO-10 - Design - Drainage - Issue Gate 2 Design for Review	0d		25-Nov-22	349d
MO10-DR-1220	MO-10 - Design - Drainage - External Review - IV Goldlinq State	15d	28-Nov-22	16-Dec-22	349d
MO10-DR-1240	MO-10 - Design - Drainage - Respond and close out Gate 2 Comments	5d	19-Dec-22	23-Dec-22	349d
AFC Design Gate 3		25d	09-Jan-23	13-Feb-23	402d
MO10-DR-1260	MO-10 - Design - Drainage - Update Gate 3 design	10d	09-Jan-23	20-Jan-23	402d
MO10-DR-1280	MO-10 - Design - Drainage - Issue Gate 3 Design	0d		20-Jan-23	402d
MO10-DR-1300	MO-10 - Design - Drainage - External Review - IV Goldlinq State O&M	15d	23-Jan-23	13-Feb-23	402d
MO10-DR-1320	MO-10 - Design - Drainage - AFC Design	0d		13-Feb-23	402d
Construction		67d	06-Jun-23	07-Sep-23	315d
MO10-CW-1040	MO-10 - Relocate Exist Watermain	11d	06-Jun-23	20-Jun-23	315d
MO10-CW-1020	MO-10 - Construction - Pipe and Pits - Excav / Lay / BFill	56d	21-Jun-23	07-Sep-23	315d
Tender Option - Burleigh Heads Station Precinct		219d	20-Jul-23	13-Jun-24	419d
MO-2I-CW-5060	Civil Works - Zone 2I - Finishing - Lighting Works	32d	24-Apr-24	13-Jun-24	394d
Southbound Traffic Side		43d	20-Jul-23	21-Sep-23	236d
MOs-2I-CW-1680	Civil Works - Zone 2I - FRP island platform Stop BUH Incl Conduits	11d	20-Jul-23	02-Aug-23	83d
MOs-2I-BW-2040	Building Works - Zone 2I - Stop BUH - Fitout	16d	03-Aug-23	29-Aug-23	241d
MOs-2I-CW-1900	Civil Works - Zone 2I - Install island platform Stop BUH Membrane structure Incl Membrane	16d	03-Aug-23	29-Aug-23	83d



Date	Revision	Checked	Approved

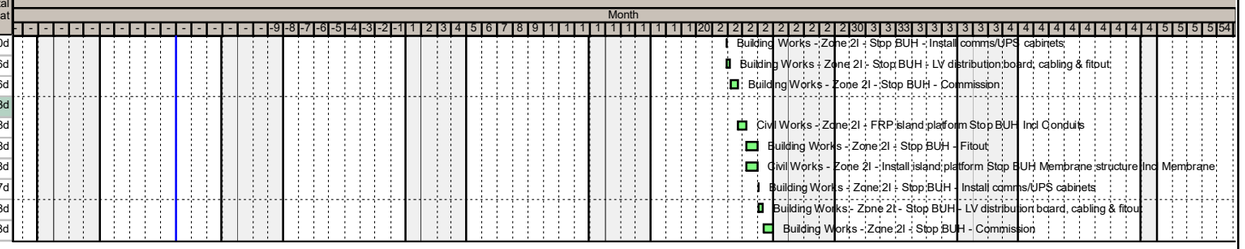
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
MOs-2I-BW-2060	Building Works - Zone 2I - Stop BUH - Install comms/UPS cabinets	1d	30-Aug-23	30-Aug-23	240d
MOs-2I-BW-2080	Building Works - Zone 2I - Stop BUH - LV distribution board, cabling & fitout	5d	30-Aug-23	06-Sep-23	236d
MOs-2I-BW-1100	Building Works - Zone 2I - Stop BUH - Commission	11d	07-Sep-23	21-Sep-23	236d
Northbound Traffic Side		43d	22-Sep-23	30-Nov-23	193d
MOn-2I-CW-1680	Civil Works - Zone 2I - FRP island platform Stop BUH Incl Conduits	11d	22-Sep-23	07-Oct-23	68d
MOn-2I-BW-2040	Building Works - Zone 2I - Stop BUH - Fitout	16d	09-Oct-23	31-Oct-23	198d
MOn-2I-CW-1900	Civil Works - Zone 2I - Install island platform Stop BUH Membrane structure Incl Membrane	16d	09-Oct-23	31-Oct-23	68d
MOn-2I-BW-2060	Building Works - Zone 2I - Stop BUH - Install comms/UPS cabinets	1d	01-Nov-23	01-Nov-23	197d
MOn-2I-BW-2080	Building Works - Zone 2I - Stop BUH - LV distribution board, cabling & fitout	5d	01-Nov-23	10-Nov-23	193d
MOn-2I-BW-1100	Building Works - Zone 2I - Stop BUH - Commission	11d	11-Nov-23	30-Nov-23	193d



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JOHN HOLLAND

BPIC Program Impacts – Detailed Description

Author: Ivan Gee, Trent Smith, Loren Hickey
Date: 7 October 2021

1 Program Impacts Due to BPIC

This paper outlines the changes made to the John Holland Gold Coast Light Rail Stage 3 Delivery Program as a result of the introduction of BPIC, under RFC5781. These Impacts are either:

1. a direct impact of BPIC document, or
2. an indirect impact (i.e. consequence) of BPIC substantiated through:
   a. John Holland's experience working under similar Industrial Relations conditions throughout Australia, and
   b. Ongoing discussions with the Unions in finalisation of an agreement as it would apply to the Gold Coast Light Rail Project in delivery.

The below Table summarises the changes made to the program since the Third Commitment Deed Poll (dates 4 June). Full details of these changes are detailed within this paper.

Program Impacts Due to BPIC

Item		Tender Submission	BPIC
Work Week		5 ½ days	5 ½ days
Wet Weather	Days per annum	23	23
Fixed RDOs (13 no.)	Days per annum	12	12
Project (Flex) RDOs (13 no.)	Days per annum	Nil	6
Temperature >=35 °C	Days per annum	Nil	Nil
Temperature >=29°C & Humidity >=75%	Days per annum	Nil	6
Subtotal Available Working Days	Days per annum	**233**	**221**
Additional non-work days – Reduction in available productive time (decrease of 5%)	Days per annum	Nil	**12**
Additional non-work days – Allowance for delay due to increased engagement (included as an "activity" not non-working days)	Days per annum	Nil	**5**
Total Available Working Days			**204**
SRA – Contractor's Contingency	Total days	67	76
Finish Date		**30 May 2025 (Early Works Program)**	**1 Oct 2025**

2 Direct Impact of BPIC to Program

2.1 Increased RDOs

GCLR3 BPIC introduces an extensive consultation process and limitations on the number of RDOs able to be "banked", which significantly reduces John Holland's flexibility to manage the program both proactively and reactively. These provisions, and accompanying necessity to align the Project's Program with the industry recognised calendar, means there are now 26 RDOs per annum that will need to be observed on the Project.

Of these 26 RDOs, 18 directly impact JH's flexibility and ability to accelerate or mitigate delays if required. The original Program included 12 flexible RDOs, 1 per month, which are traditionally worked (i.e. not taken and the RDO is banked) whereas these have been replaced by 12 fixed RDOs and a further 6 flexible RDOs added, clustered around Public Holidays and other fixed RDOs. The remaining 8 RDOs (1 fixed and 6 flexible) are scheduled within the Christmas Shut Down, and therefore do not directly impact on the overall project completion date.

The restrictive consultation process required under GCLR3 BPIC, and our extensive experience operating under such conditions in other sectors and States, has been a key consideration in the assessment of the impact of RDOs.

3 Indirect consequence of BPIC to Program

3.1 Heat Provision

Based on discussions with Industry Unions to date, John Holland is of the view that it remains necessary to allow for increased lost time due to Extreme Hot Weather as originally outlined under the Hot Weather Guidelines in the Transport BPIC (but silent in the GLCR3 BPIC Document). The Guidelines propose the orderly cessation of work at:

- 35°C; and
- 28°C and 75% humidity.

John Holland recognises the State's position with respect to the inclusion of Hot Weather Guidelines and, following recent discussions, have reflected the following proposed definition of Extreme Hot Weather in our Impact Assessment:

- 35°C; and
- 29°C and 75% humidity.

This reduces the impact of Extreme Hot Weather on our program from 16 days per year, down to 6 days per year, with a further 4 days included as risk but not included in the program.

The additional 18 days included over the duration of the project (6 days per year) equates to approximately $3.5m of time related cost.

As discussions with Industry Unions continue, John Holland will continue to understand if the alternative definition of Extreme Hot Weather - as 29°C and 75% humidity - is acceptable. It is our view that there is a high likelihood of this definition being accepted however, should John Holland not reach agreement with the Industry Unions on this enhanced definition of Extreme Hot Weather, the impact assessment will need to be adjusted accordingly prior to Financial Close.

3.1.1 Method of Calculation

To calculate the impact of this heat provision, the data from the three nearest Bureau of Meteorology (BOM) sites was extracted and analysed. Of these sites, only two contain daily records, 040717 Coolangatta and 040764 Gold Coast Seaway, so the evaluation was based on these two sites only. The following records were taken into consideration when calculated the likely impact:

1. Temperature – maximum daily, 9am and 3pm;
2. Humidity - 9am and 3pm; and
3. Rainfall (so as not to double count rain and heat days).

Also considered was the provision under the Extreme Hot Weather guidelines to utilise either BOM readings or on-site measurements, particularly where it is reasonable to assume site conditions may differ materially due to the working environment. With the works generally being undertaken in open air (under direct sun), surrounded by bitumen and concrete radiating heat and in close proximity to the ocean, a sensitivity analysis based on minor variances from the threshold values was also analysed.

The results were then prorated for the 5 ½ day work week.

3.2 Reduction in available productive time (Decrease of 5%)

John Holland has assumed an overall reduction in available productive time of half an hour per day (or 5%) across the duration of the program. This reduction has been applied to the onsite, construction months of the program only and has not been applied to early works, design or testing and commissioning. This assumption is based on the anticipated reduction in daily productivity and reduced flexibility as a result of factors including, but not limited to:

1. Increased consultation requirements for any proposed workplace change and broadened dispute mechanism with a 'status quo' provision to delay any changes;

2. A prescriptive and exhaustive WHS issues and dispute resolution process;
3. Impairment Policy (AOD testing);
4. Increased consultation with Union Delegates; and
5. Increased frequency of HSC meetings likely to extend the period of non-work leading up to or prior to recommencement of inclement weather events (both forecast and actual), along with the introduction of additional HSE initiatives or protocols.

For the purpose of the OoM Program Impacts submitted in August 2021, a simple and easily identifiable method of applying this half an hour per day reduction in productivity was utilised in which the workday was reduced from 10hrs to 9.5hrs, thus capturing the additional assumed downtime.

As requested by the State and GoldlinQ, an alternative method for capturing this reduction in productivity has now been applied per activity to ensure Start of Business and Close of Business times are maintained. This method involves exportation of the activities and durations, application of a formula to increase durations by 5% and then applying a second formula to round the durations back to whole days.

To ensure no additional time/ impact was applied to the program through the application of this alternative method, the impact ascertained through the '10hour to 9.5hour method' was maintained, and formulas applied under close control to ensure no greater impact was inflicted on the program.

3.3 Additional Allowance for discrete delay events

To capture the anticipated increase in project stoppages, that delay critical path activities, due to Industrial Relations matters 3 new activities have been added to the program totalling 5 days each. These activity durations have been modelled off John Holland's experience in delivering projects under similar industrial conditions throughout Australia, including Queensland Building Projects.

This allowance is intended to capture discrete events that may occur including industry wide action or action in response to a subcontractor or supplier (e.g. concrete supplier or crane hire), where the delay is sufficient enough to require the postponement or a change in sequencing of activities or reallocation of resources, resulting in a critical path delay. This is for delay events which are not the consideration of the decreased available productive time outlined above in Section 3.2 above.

3.4 Schedule Risk Analysis

A new Schedule Risk Analysis was also run on the program including for all changes outlined above, which added 9 days of Contractor's Contingency to the back end of the program.

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E3 Advisory

Gold Coast Light Rail Stage 3 BPIC Assessment

Independent Estimator Preliminary Findings [DRAFT]

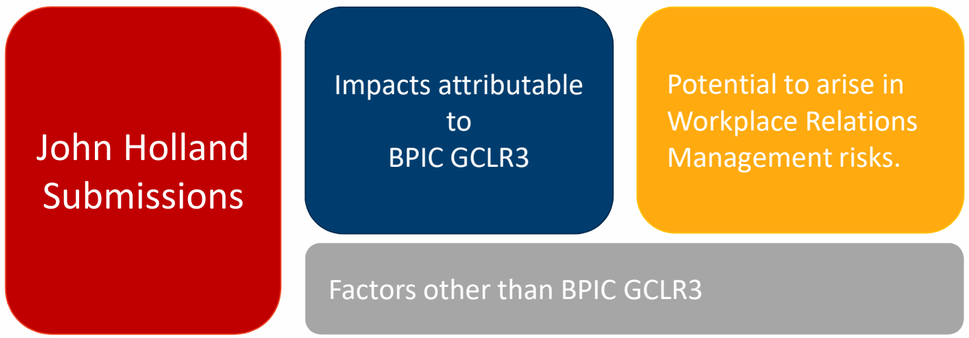
Client: Department of Transport & Main Roads
Date: 21 October 2021

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- Program & Delay Analysis
- Indirect Costs
  - Additional On-site Overheads and Other Costs
  - Time Related Costs
  - Contract Value Related Costs & Margin
- Key Observations

Role of IE & Assessment of BPIC Impacts

- The State requested that GoldlinQ provide an OF MOD proposal (including Revised D&C Offer from John Holland (JH) to address the impact of Best Practice Industry Conditions (BPIC) GCLR3.
- John Holland has submitted a revised D&C Value of $817.5M, that is $184M higher than the previous base offer.
- E3 Advisory has been appointed as the Independent Estimator (IE) to review and assess the impact of BPIC. The purpose of the IE is to:
  - *review and validate, on behalf of the State, the GoldlinQ response to GCLR3 BPIC RFC 103C, including but not limited to the impacts on price, program and risk as it compares to the OF Modification offer as at the commencement of Early Works, dated 7 June 2021.*
- The IE has worked with the JH Estimating Team to gain an understanding of the Baseline D&C Offer, the requirements of the BPIC GCLR3 document, the impacts on the D&C activities, the impacts on the cost estimate, program and risk impacts.
- The IE has independently compared, analysed and assessed the project cost estimate, program and risk impacts to identify:



Inputs
- BPIC GCLR3 documents from DTMR
- BPIC pricing information from JH (including confidential information)
- Other publicly available information
- Consultation with IR specialists

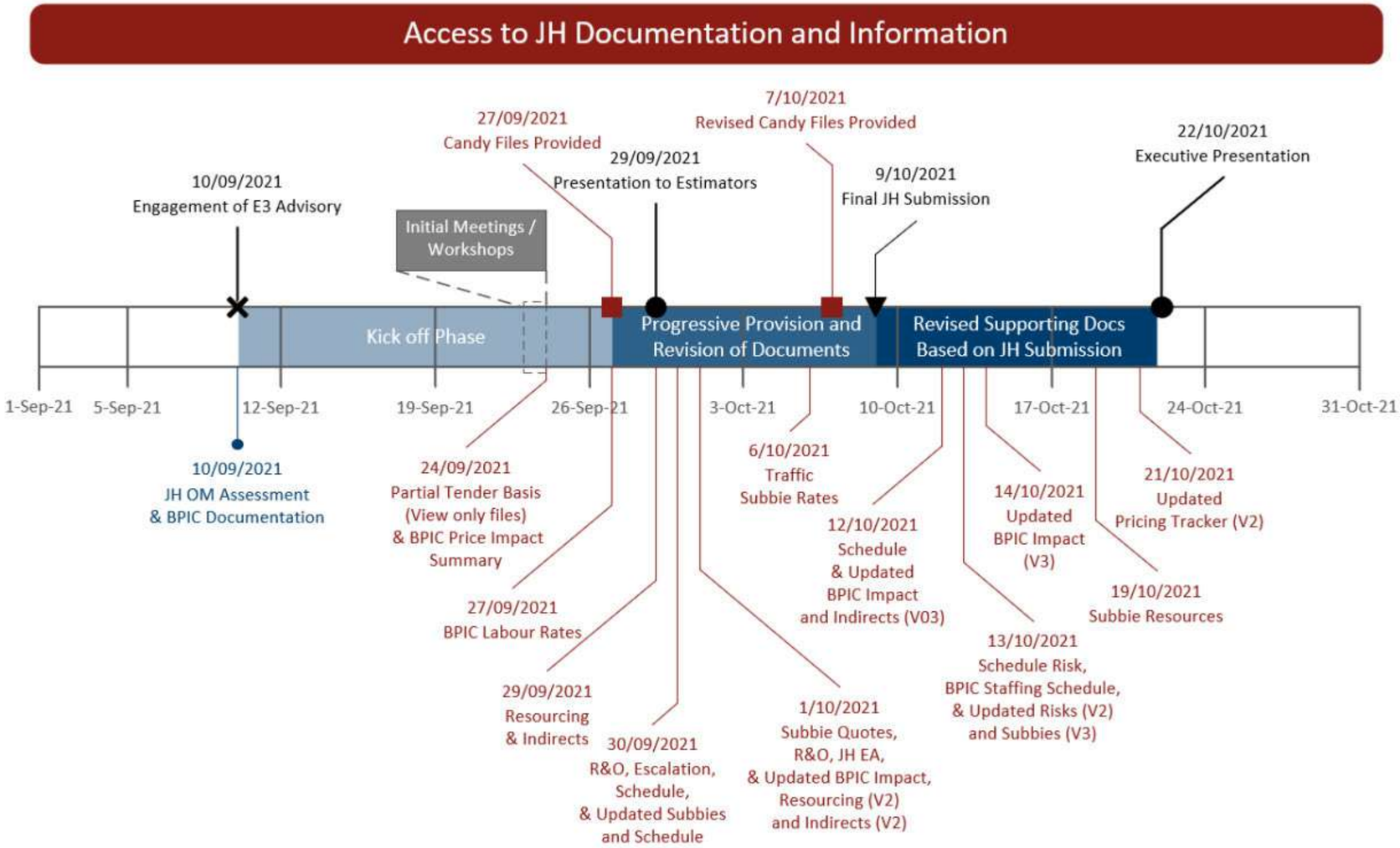
Baseline Verification
- Confirmation of Baseline Program
- Reconciliation of JH Baseline Candy Estimate to Baseline Offer

Impact Identification
- Review of BPIC GCLR3 requirements
- Comparison of BPIC GCLR3 requirements with baseline assumptions
- Review of JH BPIC impact assessment and supporting evidence

Impact Assessment
- Consideration of impacts attributable to BPIC GCLR3 on base offer
- Review JH pricing of impacts attributable to BPIC GCLR3
- Reconciliation and verification of BPIC pricing assessment

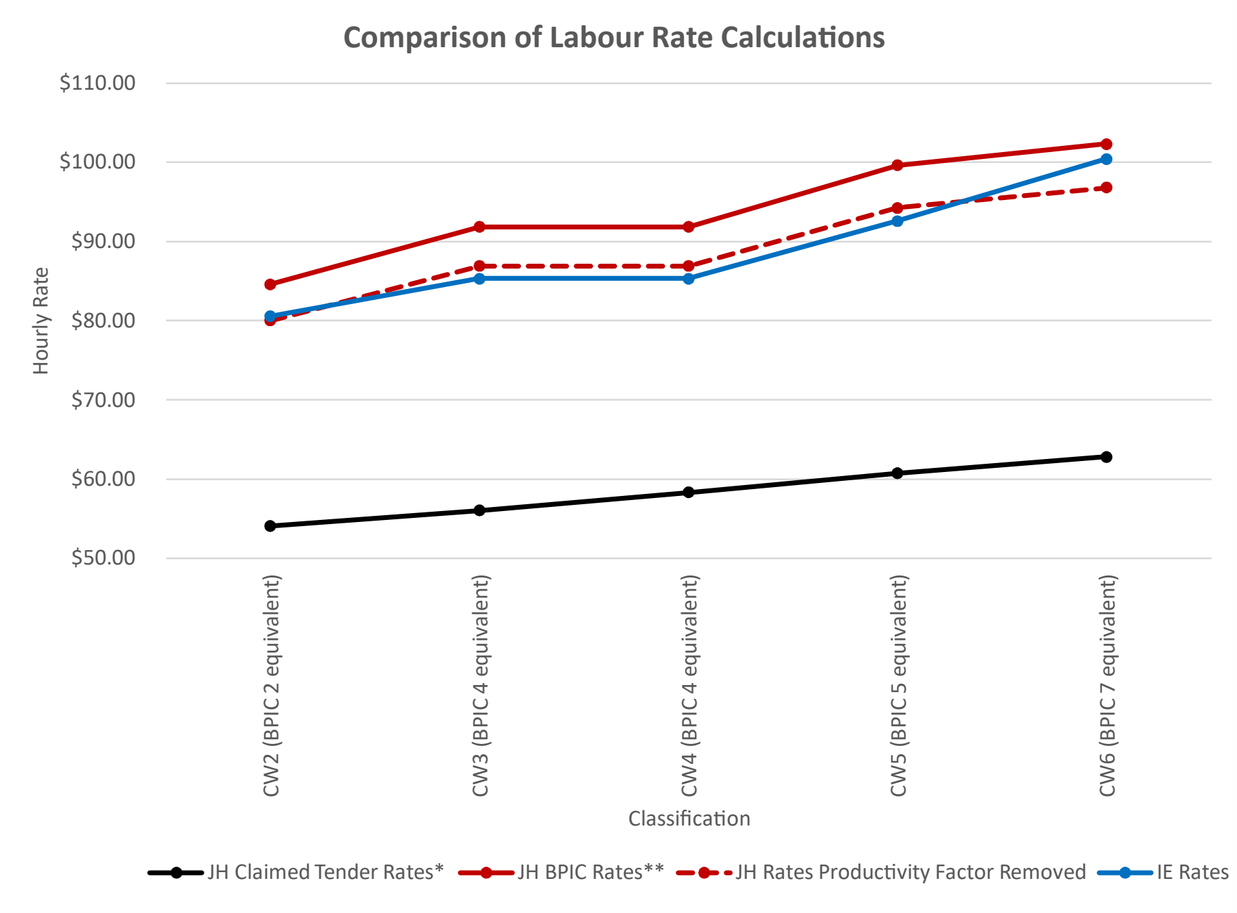
Outputs
- Independent assessment of BPIC impact
- Key variances to John Holland submission

Role of IE & Assessment of BPIC Impacts



- John Holland has been developing position throughout process.
- Candy Estimate provided but access limited.

Direct Costs - Labour Rates Comparison



IE Calculation Summary

Based on assessment of BPIC rates & conditions.
Weighted average increase is $29.59

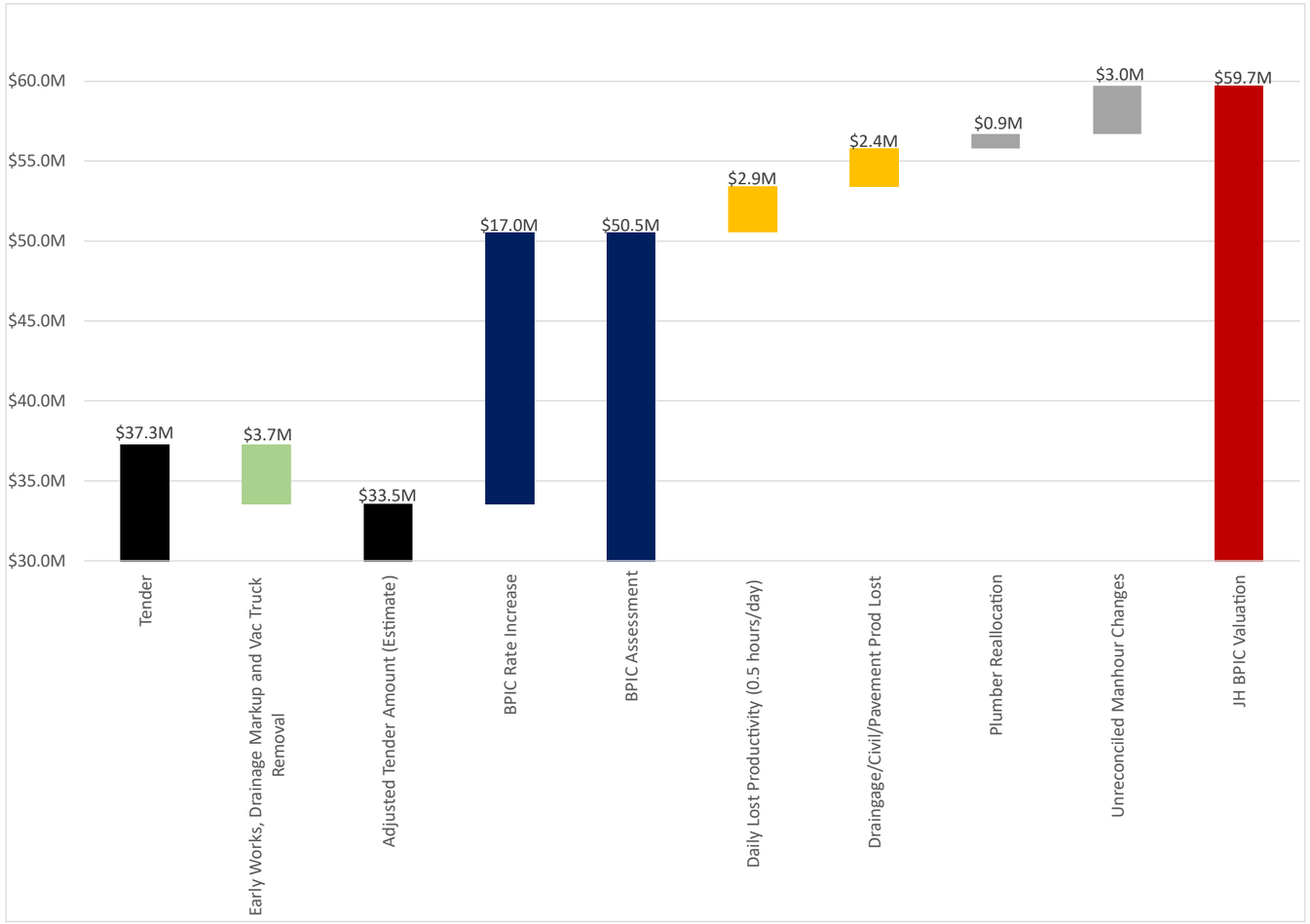
IE Comments / Notes

- BPIC GCLR 3 introduces higher wage rates and associated conditions, as well as changing the classification for various types of work, when compared the JH Enterprise Agreement that was adopted for the Baseline Offer.
- John Holland applied 0.5 hour per day loss of productive time which is not attributable to BPIC GCLR3.
- John Holland duplicated additional 30% uplift to a number of night rates (i.e. applied the uplift twice, in error).
- John Holland applied payroll tax rates and Superannuation above statutory rates.

Direct Costs – BPIC Assessment

	John Holland Valuation	BPIC Assessment	Workplace Relationship Management Risk	
Direct Labour	$22.5M	$17.0M	$3.0M	• JH includes allowances for lost productive time as a result of increased union involvement (0.5 hours per day).
Wet Plant	$8.7M	$5.3M	$0.8M	• Wet plant is hiring of plant & equipment with an operator. Assume, BPIC applies to the operator. • BPIC reclassifies equipment operators to higher classifications.
Production Loss ***Direct Labour & Wet Plant***	$5.8M* **Partial Duplication*	Nil	$1.2M	• JH included further allowances for lost productivity as a result of increased union involvement • Basis of loss of production factor adopted by JH is not attributable to BPIC. • JH pricing adopted BPP provisions prior to BPIC. • IE adopted ~5% impact as a risk provisions due to the immaturity of the BPIC policy within the industry.
Subcontractors	$64.2M	$44.3M	$3.8M	• Subcontractors required to adopt BPIC conditions including the increased base rate of pay.

Direct Labour



IE Summary

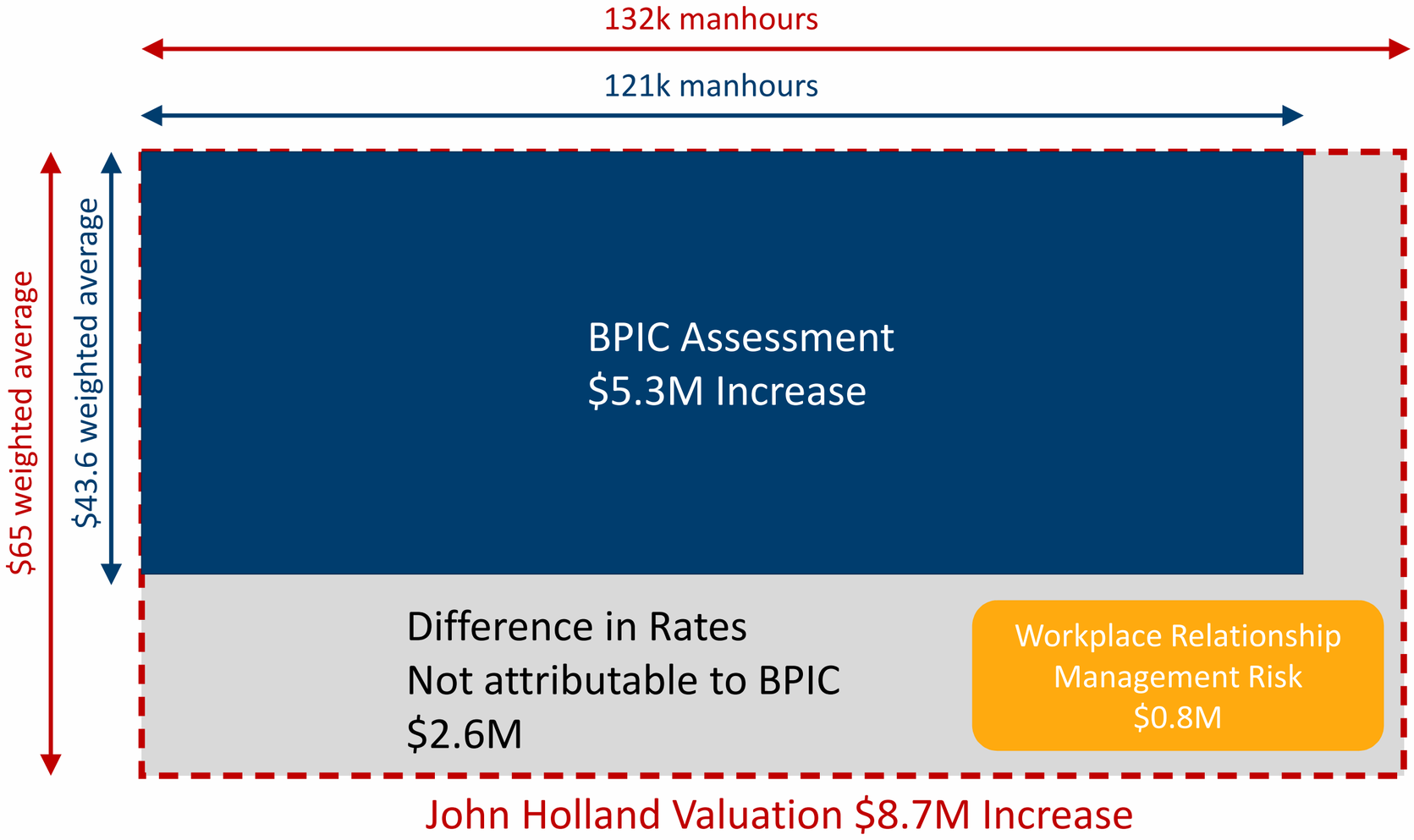
$Increase = Tender\ Hours \times$ (Weighted BPIC Rate Increase)

$Increase = 574{,}254hrs \times \$29.59/hr$

$Increase = \$17.0\text{M}$

- Early works (15,800 hrs) not subject to BPIC.
- Vac Truc Hours (14,578 hrs) treated with subcontractors
- Drainage man hours reduced by 25% due to misapplication of uplift factor.
- BPIC increases base rates of pay and conditions, as well as reclassifying various types of work.
- JH allowance (0.5 hrs/day) for loss of productivity not attributable to BPIC.
- Plumber reallocation not attributable to BPIC.

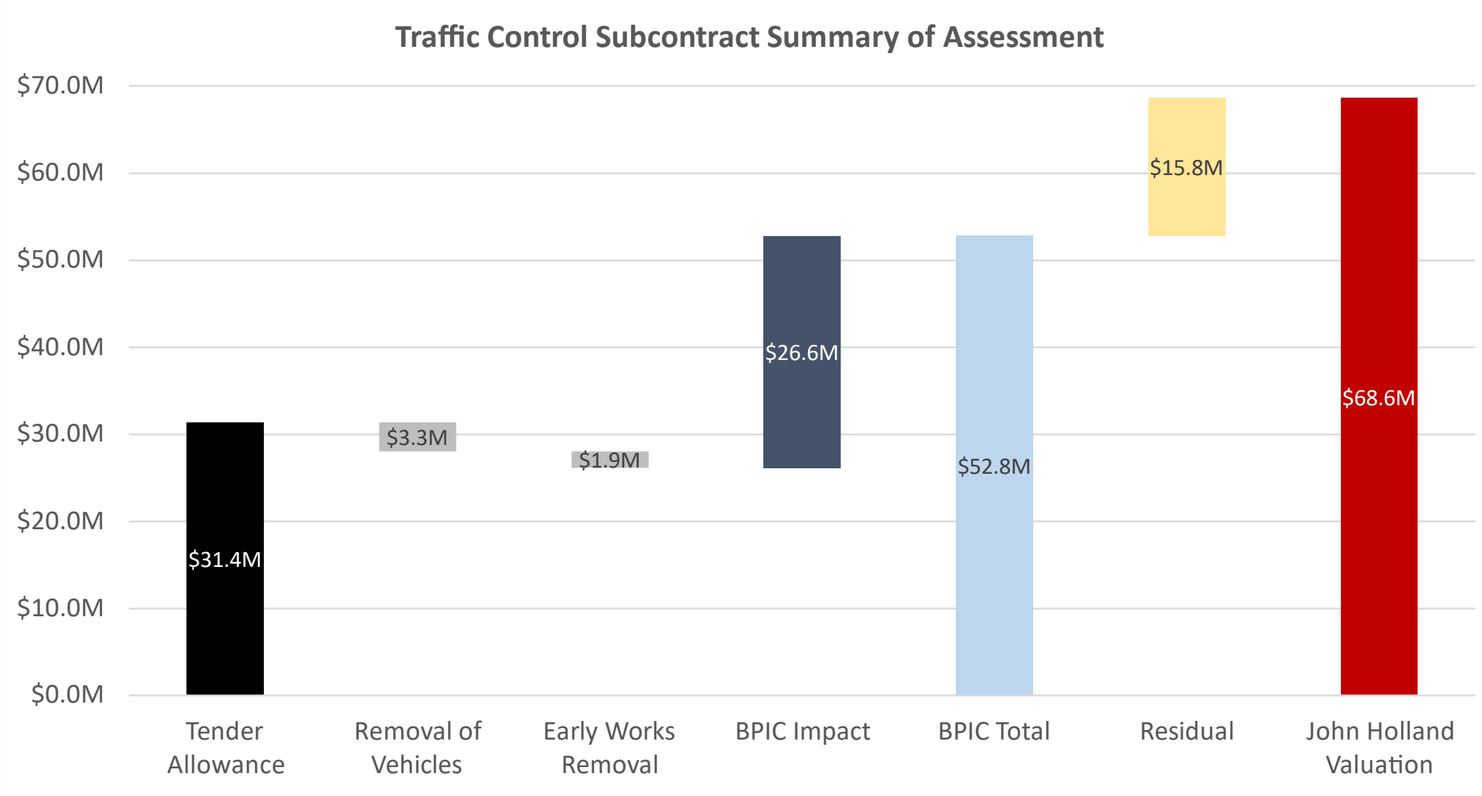
Wet Plant



IE Comments / Notes

- Established tender hours in Pre-BPIC Candy Estimate, for various wet plant hire items identified by JH as being impacted.
- Assigned rates for operators using appropriate classification from John Holland EBA, based on machine type.
- Applied BPIC rates and reclassification of operators to assess difference in pricing attributable to BPIC.
- Note that BPIC may not be applied to all wet plant e.g. specialist plant operators.

Subcontractors – Traffic Control



IE Summary

$Increase = Tender\ Hours \times (CW1\ Rate + pre\text{-}BPIC\ mark\ up)$

$Increase = \sim 516{,}266\ hrs \times \$51.6/hr$
(Av. day / night rates for 12 hours shifts)
$Increase = \$26.6M$

- Vehicle allowance in pre-BPIC rates, removed for comparison purposes.
- Early works (~19,000 hrs) not subject to BPIC rates.
- Traffic Controllers not included in BPIC classifications - allow BPIC, CW1 rates.

[CONFIDENTIAL]

Subcontractors

	John Holland Valuation	BPIC Assessment	Workplace Relationship Management Risk
Traffic Control	$36.1M	$26.6M	Nil
Landscaping	$4.4M	$1.4M	$0.2M
Rail Systems Core	$3.3M	$1.0M	$1.4M
Other Key Subcontractors	$16.0M	$14.8M	$1.6M
Balance of Subcontractors	$4.4M	$0.6M	$0.6M

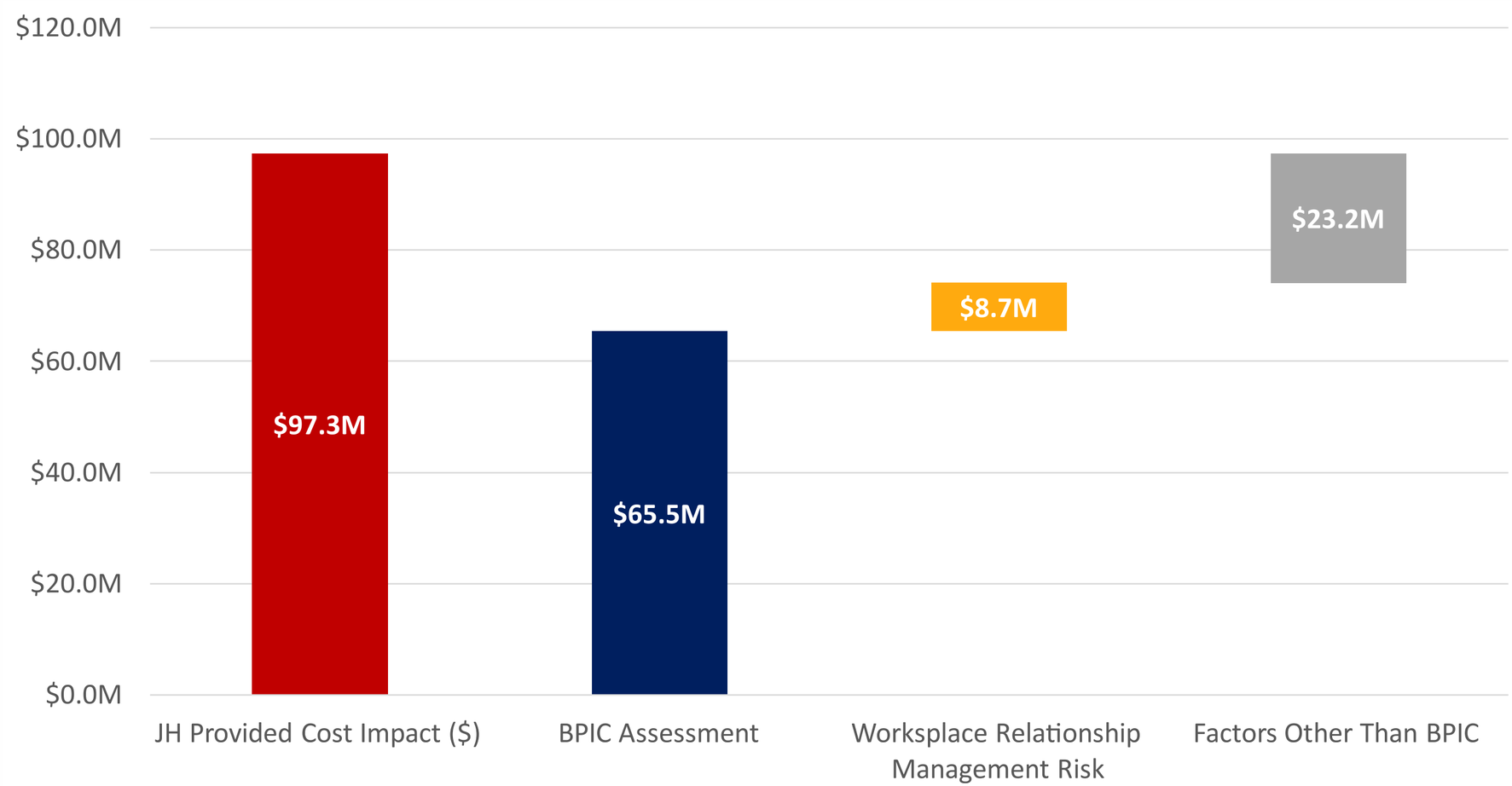
IE Assessment (Excluding Non BPIC Impacts)

Experienced Contractor Estimators assessed % labour component and converted to hours based on subcontractor EBA rates.
BPIC uplift applied on labour component only.

- As per previous slide.

- Based upon breakdown of Bombardier price. Applied BPIC uplift based on Bombardier's hours and post BPIC rates.
- Includes time related extension as Bombardier is a major and nominated subcontractor.

Direct Cost Variance Summary



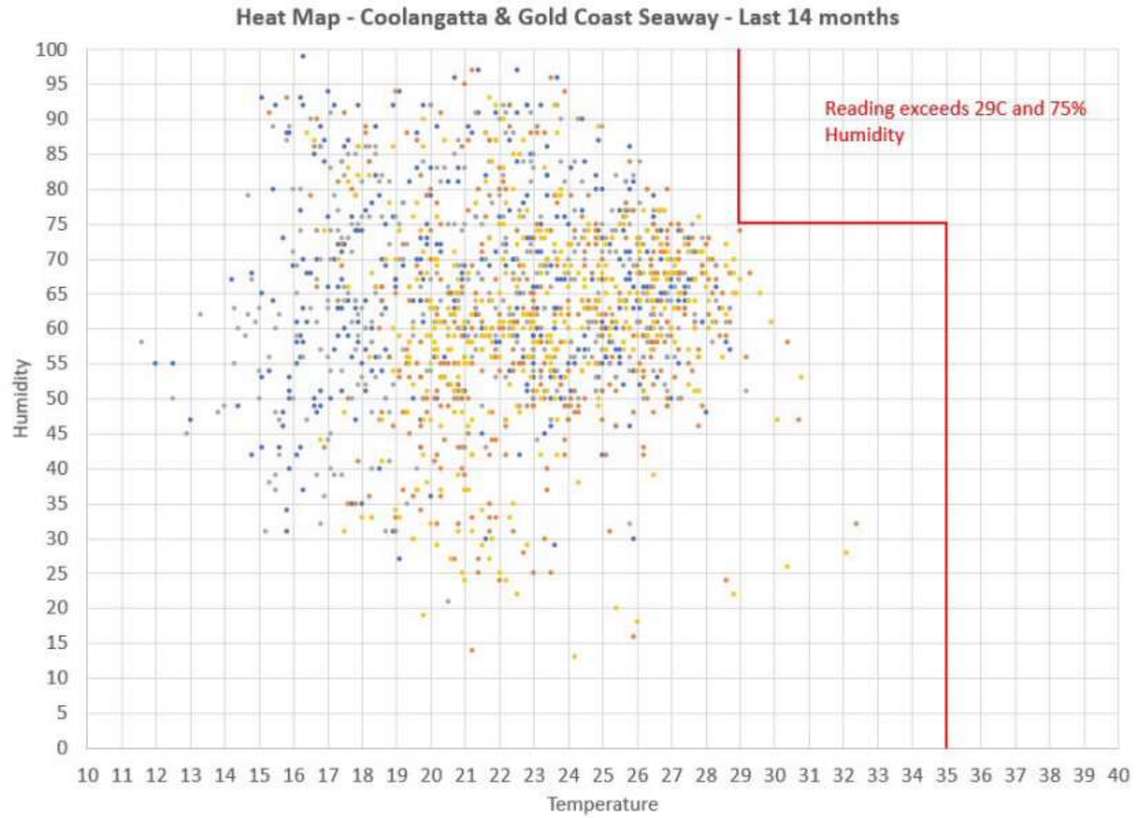
Program

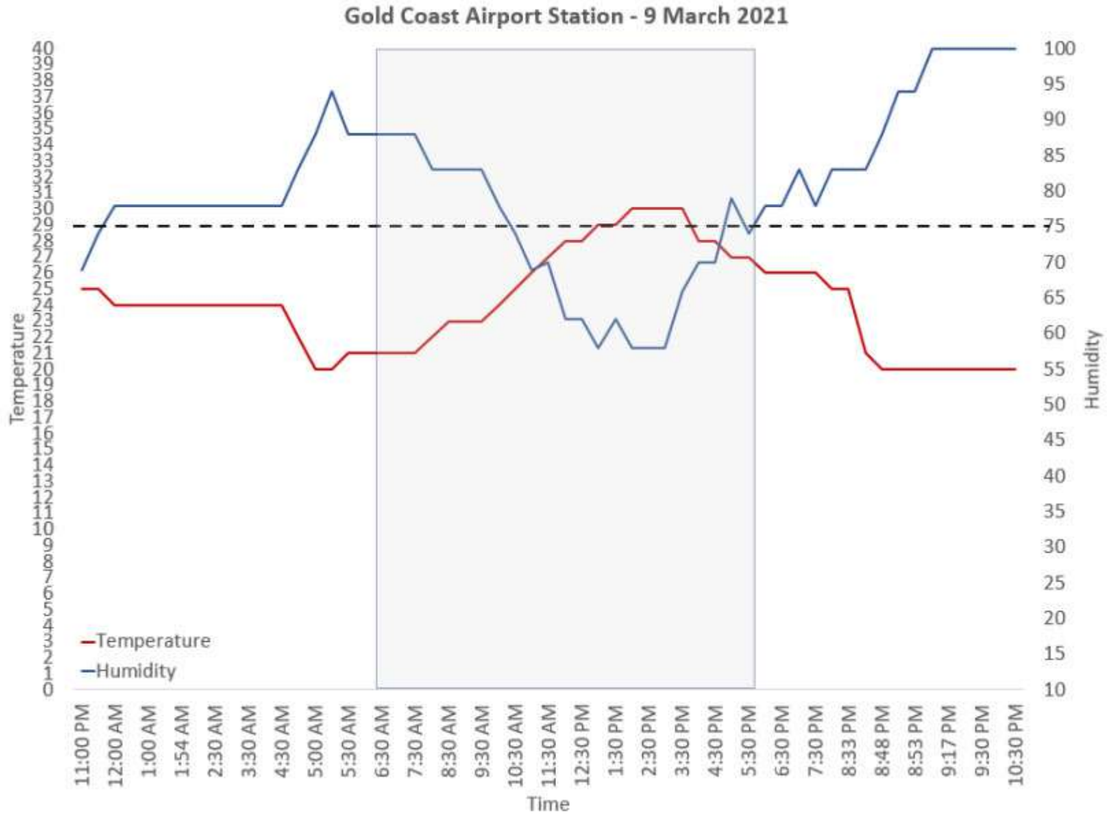
	John Holland Valuation		BPIC Assessment		Workplace Relationship Management Risk	
	Completion	Impact (CD)	Completion	Impact (CD)	Completion	Impact (CD)
Baseline Program	30-May-25		30-May-25			
Additional RDOs	23-Jun-25	24 [18WD]	19-Jun-25	20		
Workplace Relations Management Risk - Productivity	8-Aug-25	46 [36WD]	19-Jun-25	Nil	1 Aug 25	43
Workplace Relations Management Risk – Discrete Event Delay	26-Aug-25	18 [15WD]	19-Jun-25	Nil	25 Aug 25	24* *Unlikely to be attributable to BPIC
Additional Contingency	9-Sep-25	14 [9WD]	19-Jun-25	Nil	25 Aug 25	Nil
Heat Risk	1-Oct-25	22 [18 WD]	19-Jun-25	Nil	25 Aug 25	Nil

IE Comments / Notes

- Additional 7 non-working days per year as per industry calendar. Variance appears to be other John Holland adjustments to calendar.
- JH impacts are administrative issues not attributable to BPIC. Impact to critical path needs to be demonstrated.
- JH identified industry wide action and actions against individual subcontractors not attributable to BPIC
- Considered to be BPP – IR – low likelihood of BPIC impact.
- JH allowances above already allow additional risks to project.
- Not included in GCLR3 BPIC.
- Analysis of weather records relied upon John Holland show zero exceedance over past 14 months.

Program – Heat Risk





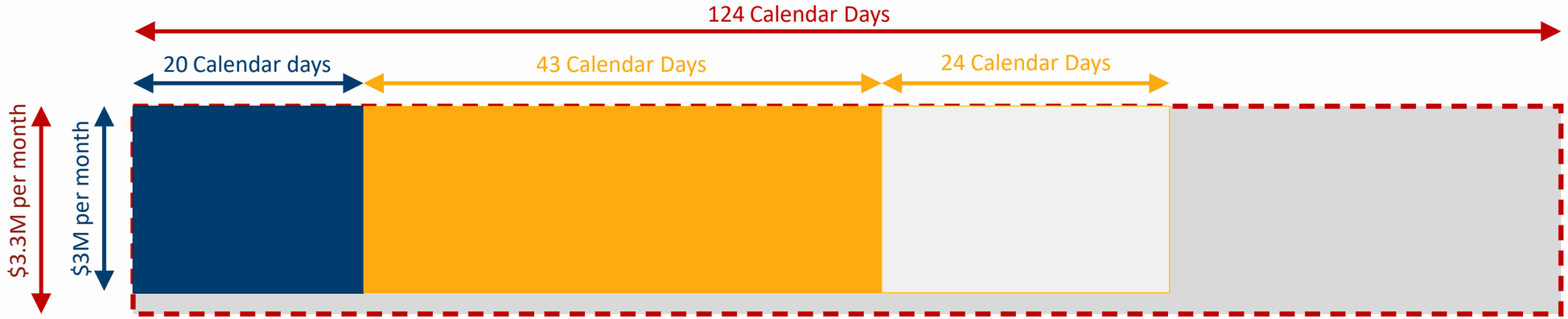
- Examining John Holland analysis basis shows no exceedance over past 14 months at 9am or 3pm at either station.
- However, John Holland analysis calculates 6 days lost per annum.

- John Holland analysis assumes that 9am/3pm humidity reading will be consistent at daily max temperature.
- Temperature and humidity are related as shown above.
- Accordingly, the assumption is not sustainable.

[CONFIDENTIAL]

Indirect Costs – Time Related

	John Holland Valuation	BPIC Assessment	Workplace Relationship Management Risk	
Indirects Time Related	$14.8M	$2.4M	$6.9M	• The variance is primarily caused by the difference in program analysis as set out in the previous section.
Manual Indirects Time Related	$4.7M	$0.7M	$1.9M	• Variance primarily driven by difference in program impact assessment attributable to BPIC.
Fixed Time Delay	$5.3M	Nil	$1.5M	• Variance primarily driven by difference in wet weather assessment – not attributable to BPIC. • Additional fixed RDOs do not attract wet weather delay.



Indirect Costs – Other

	John Holland Valuation	BPIC Assessment	Workplace Relationship Management Risk
Additional Staff	$8.1M	$1.2M	$1.8M
Staff Uplift	$4.2M	Nil	$2.6M
Additional Indirect Labour	$6.0M	$1.4M	$0.1M
Delegates & HSRs	$5.5M	$0.5M	$0.4M
Risk & Opportunity	$5.3M	Nil	$0.2M
Escalation	$11.3M	$4.7M	$2.6M
Bid Preparation	$1M	$1M	Nil
Other	$0.9M	Nil	$0.6M

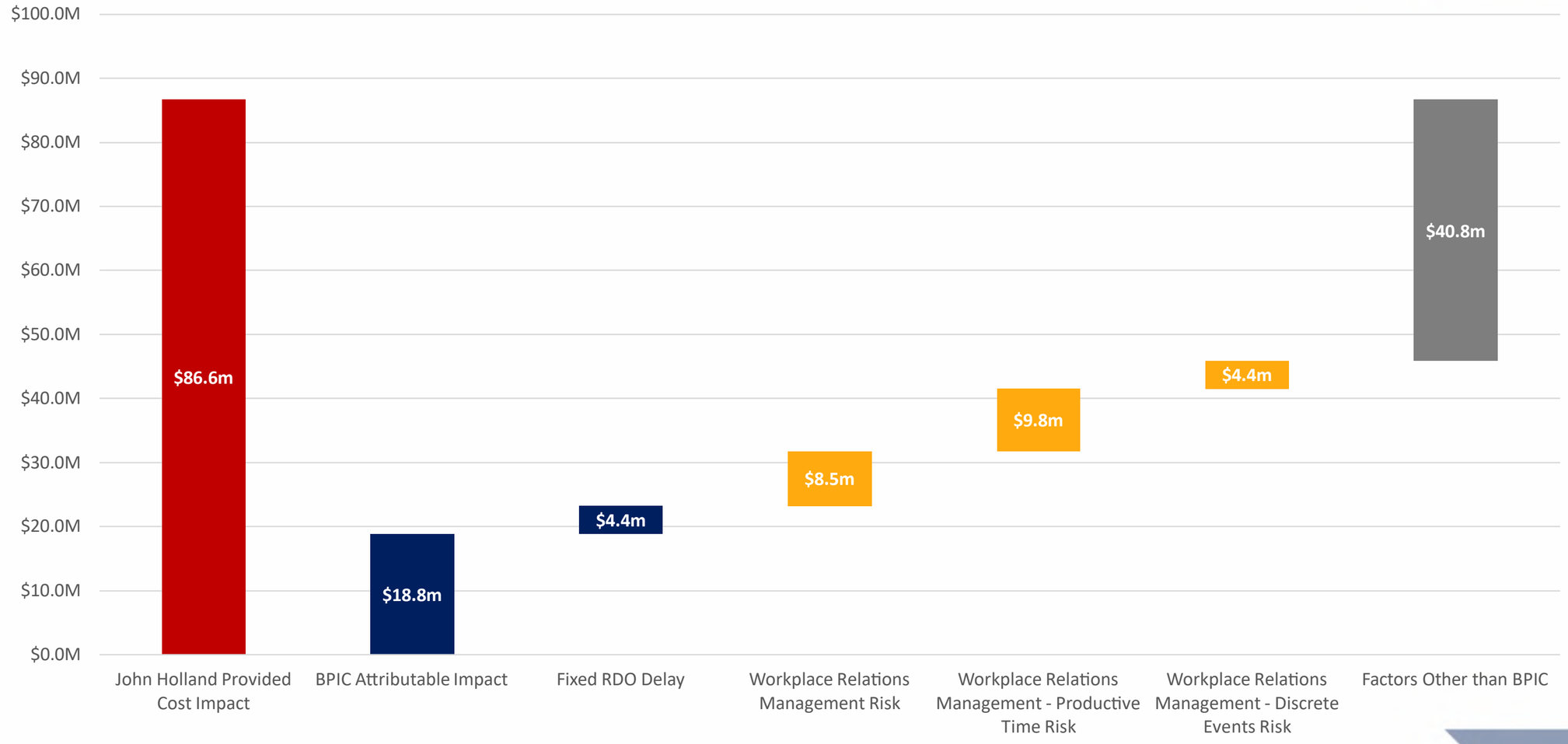
- John Holland has included additional staff listing – not attributable to BPIC. Some additional staff activities are already covered by BPP.
- John Holland has included uplifts and site allowances for all staff – not attributable to BPIC.
- JH has included additional inductions, peggies & franna operator not attributable to BPIC
- JH has assumed non-working delegates. HSR already covered by BPP.
- John Holland has priced additional risks not attributable to BPIC.
- Difference in assessment driven by variances between JH impacts and IE assessment overall.
- John Holland has not substantiated. John Holland to provide an itemised submission to demonstrate actual costs.

Indirect Costs – Contract Value Allowances

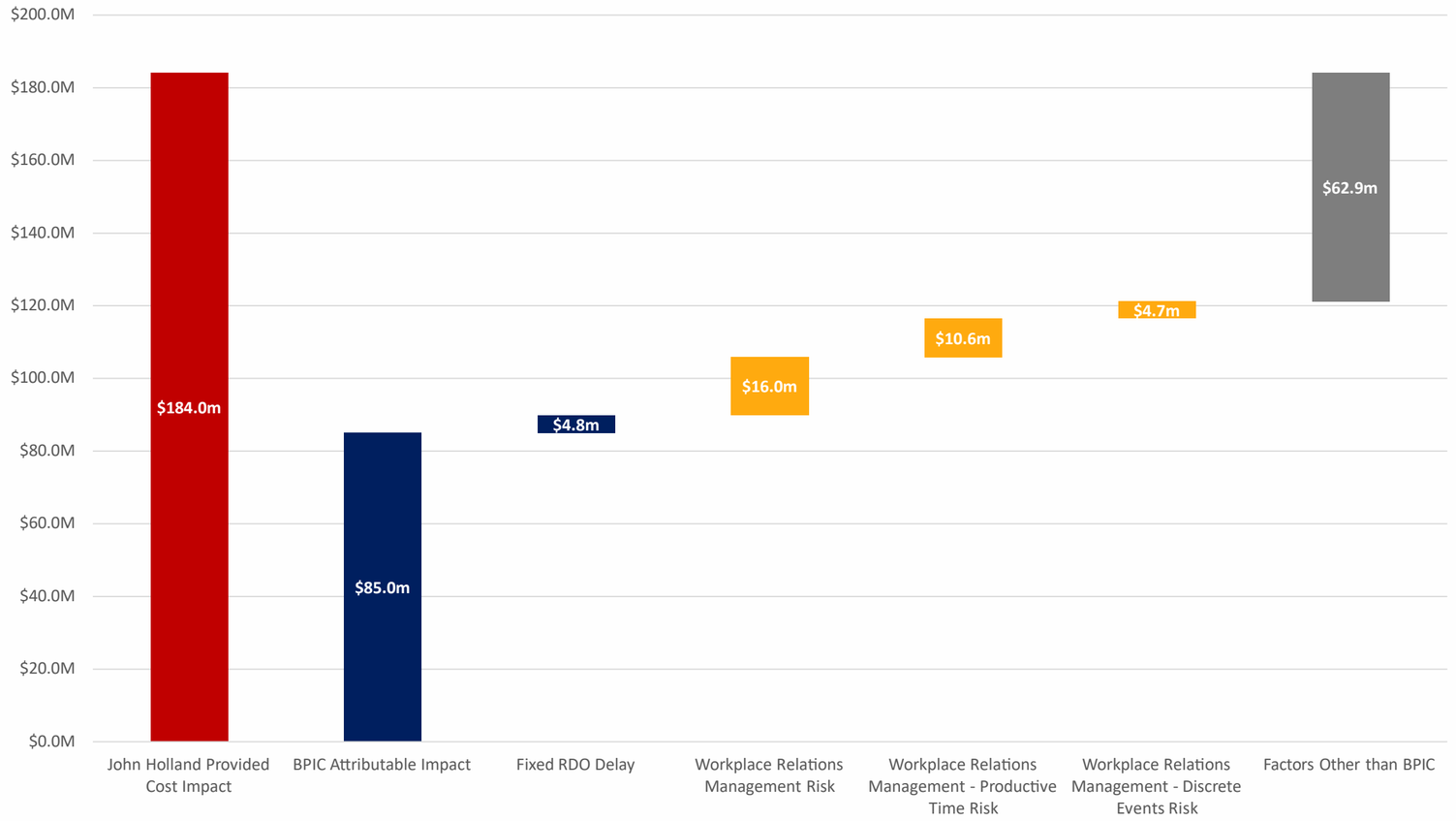
	John Holland Valuation	BPIC Assessment	Workplace Relationship Management Risk
Fees, Guarantees & Insurances	$3.0M	$1.1M	$0.4M
Contingencies	$3.9M	$1.7M	$0.6M
Margin	$18.8M	$8.5M	$3.0M

- These costs are based on percentages applied to the overall contract value, in the pre-BPIC estimate. The variance is caused by the difference in assessments of items listed above.

Indirect Cost Variance Summary



Total Cost Summary & Key Observations



Other Observations

- John Holland committed to the Best Practice Principles prior to the introduction of BPIC.
- John Holland EBA:
  - is significantly lower than contemporary major project rates
  - may be inadequate to attract and retain sufficient a highly skilled, experienced and motivated workforce
  - is likely to cause a moderate to high risk of a project agreement (pre-BPIC).
- Existing John Holland EBA risks are significantly mitigated by the introduction of BPIC, which has not been recognised in its BPIC impact assessment and pricing.
- Workplace Relations Management Risk items currently show JH 'un-mitigated' value
- Approximately 60% of the values assessed in the BPIC assessment categories as listed above will be passed on to workers (subject to demonstration of compliance by John Holland).

E3 Advisory

Gold Coast Light Rail Stage 3 BPIC Assessment

Independent Estimator Preliminary Findings [DRAFT]

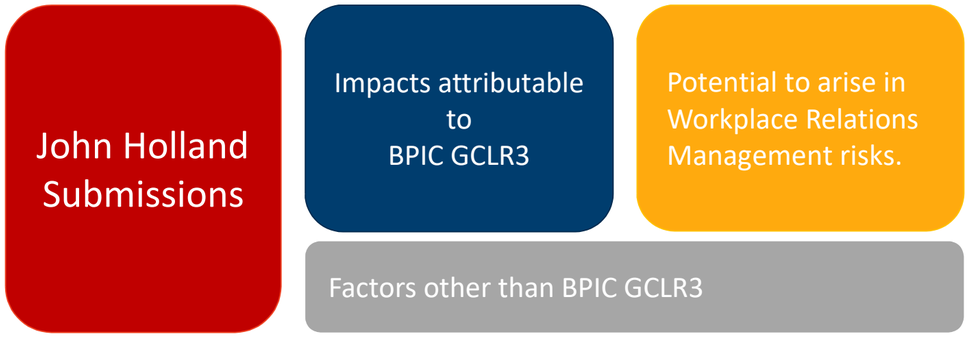
Client: Department of Transport & Main Roads
Date: 24 October 2021

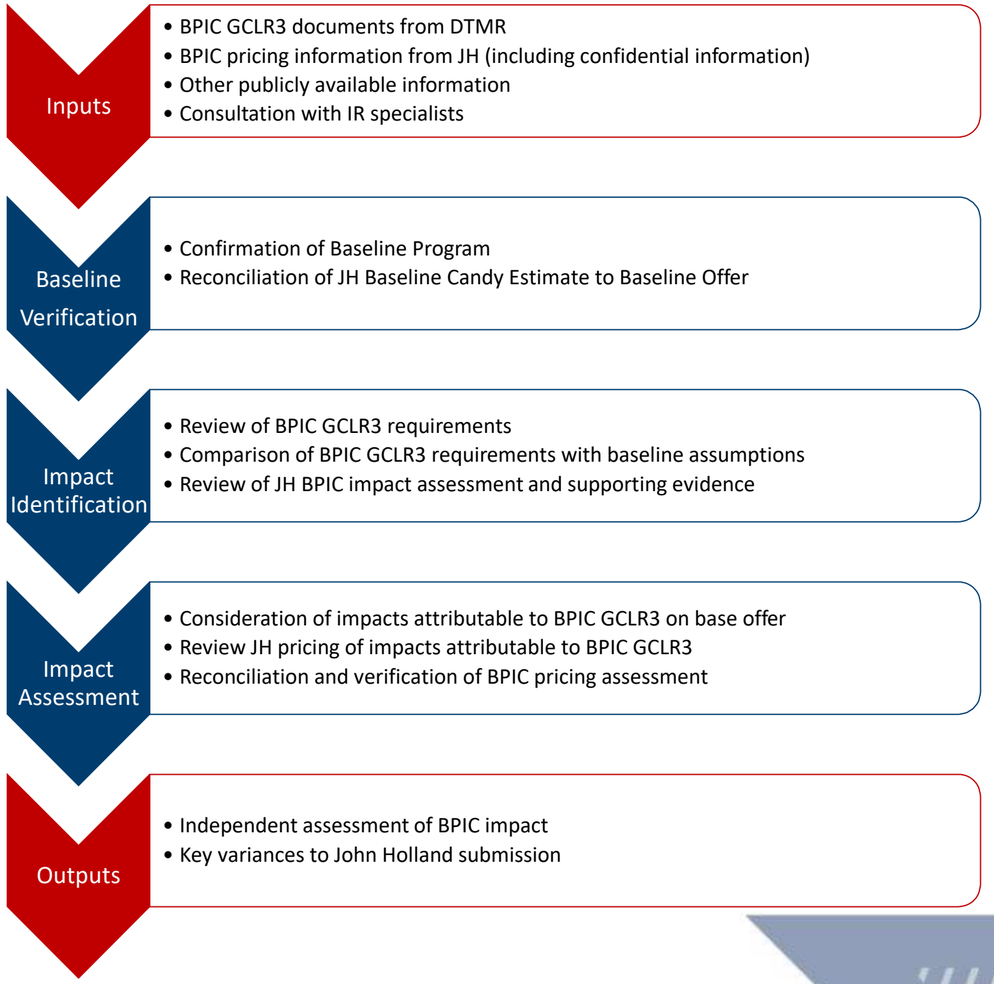
Table of Contents

- Role of Independent Estimator & Assessment of BPIC Impacts
- Direct Costs
  - Direct Labour
  - Wet Plant Hire
  - Traffic Control
  - Subcontractors
- Program & Delay Analysis
- Indirect Costs
  - Additional On-site Overheads and Other Costs
  - Time Related Costs
  - Contract Value Related Costs & Margin
- Key Observations

Role of IE & Assessment of BPIC Impacts

- The State requested that GoldlinQ provide an OF MOD proposal (including Revised D&C Offer from John Holland (JH) to address the impact of Best Practice Industry Conditions (BPIC) GCLR3.
- John Holland has submitted a revised D&C Value of $817.5M, that is $184M higher than the previous base offer.
- E3 Advisory has been appointed as the Independent Estimator (IE) to review and assess the impact of BPIC. The purpose of the IE is to:
  - *review and validate, on behalf of the State, the GoldlinQ response to GCLR3 BPIC RFC 103C, including but not limited to the impacts on price, program and risk as it compares to the OF Modification offer as at the commencement of Early Works, dated 7 June 2021.*
- The IE has worked with the JH Estimating Team to gain an understanding of the Baseline D&C Offer, the requirements of the BPIC GCLR3 document, the impacts on the D&C activities, the impacts on the cost estimate, program and risk impacts.
- The IE has independently compared, analysed and assessed the project cost estimate, program and risk impacts to identify:

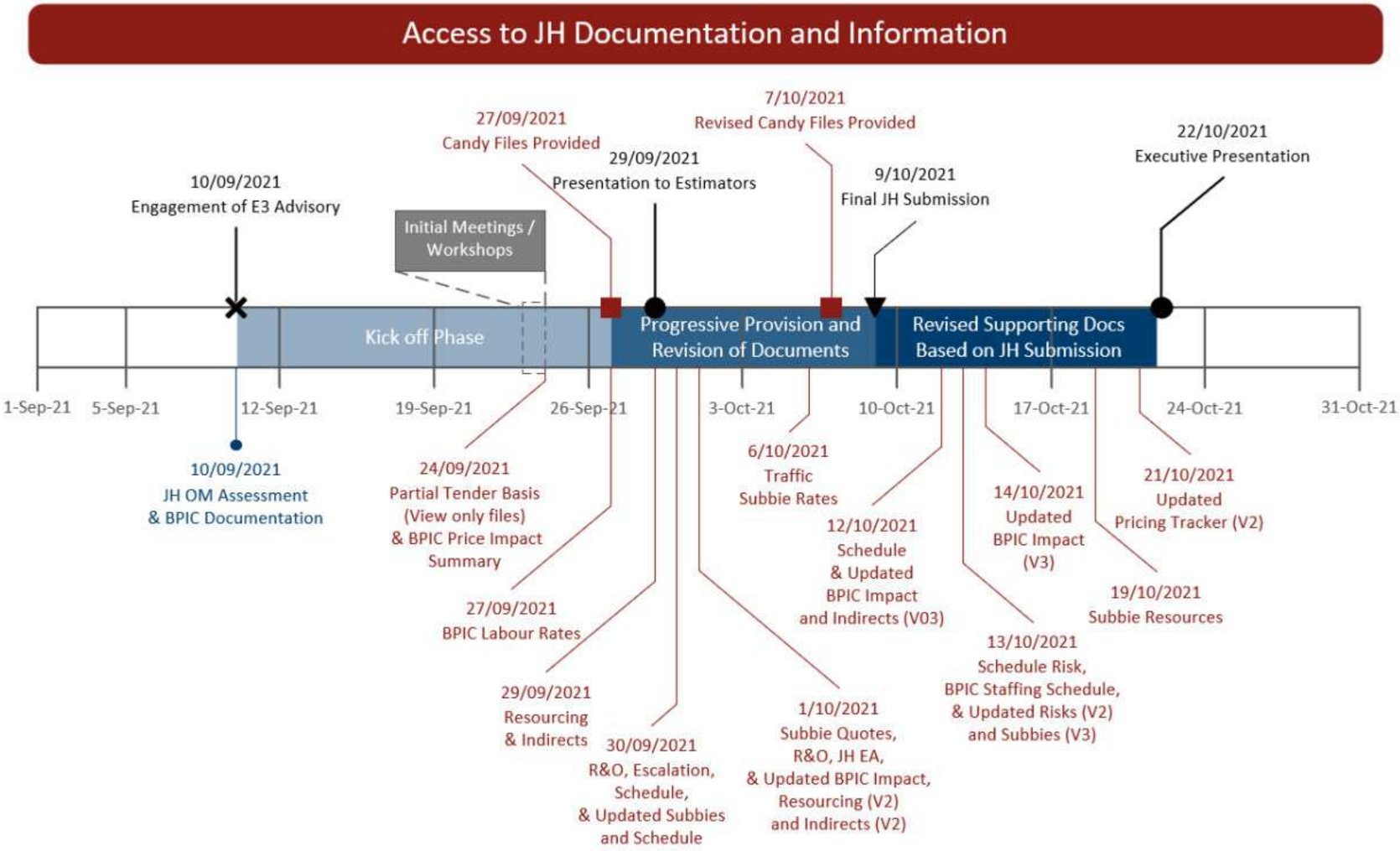




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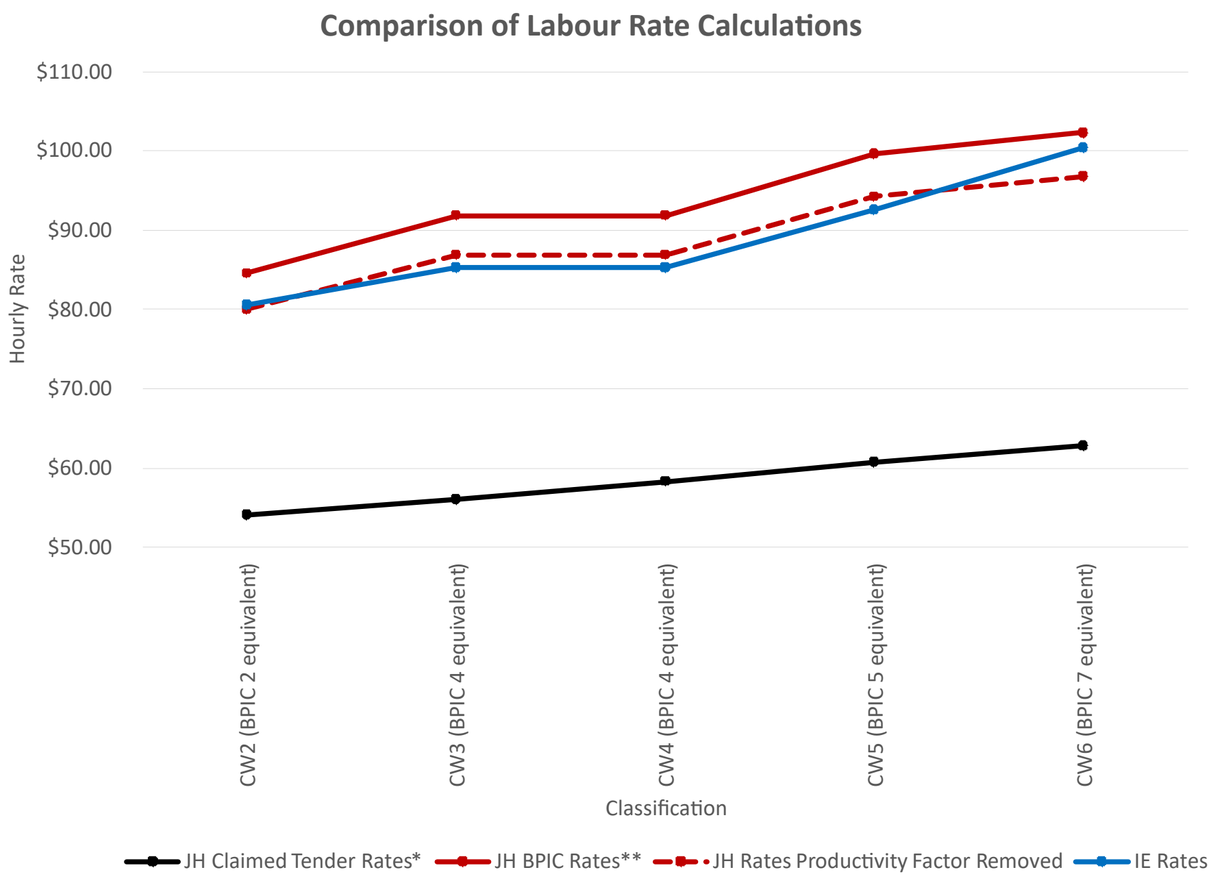
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Role of IE & Assessment of BPIC Impacts



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Direct Costs - Labour Rates Comparison



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Weighted average increase is $29.59

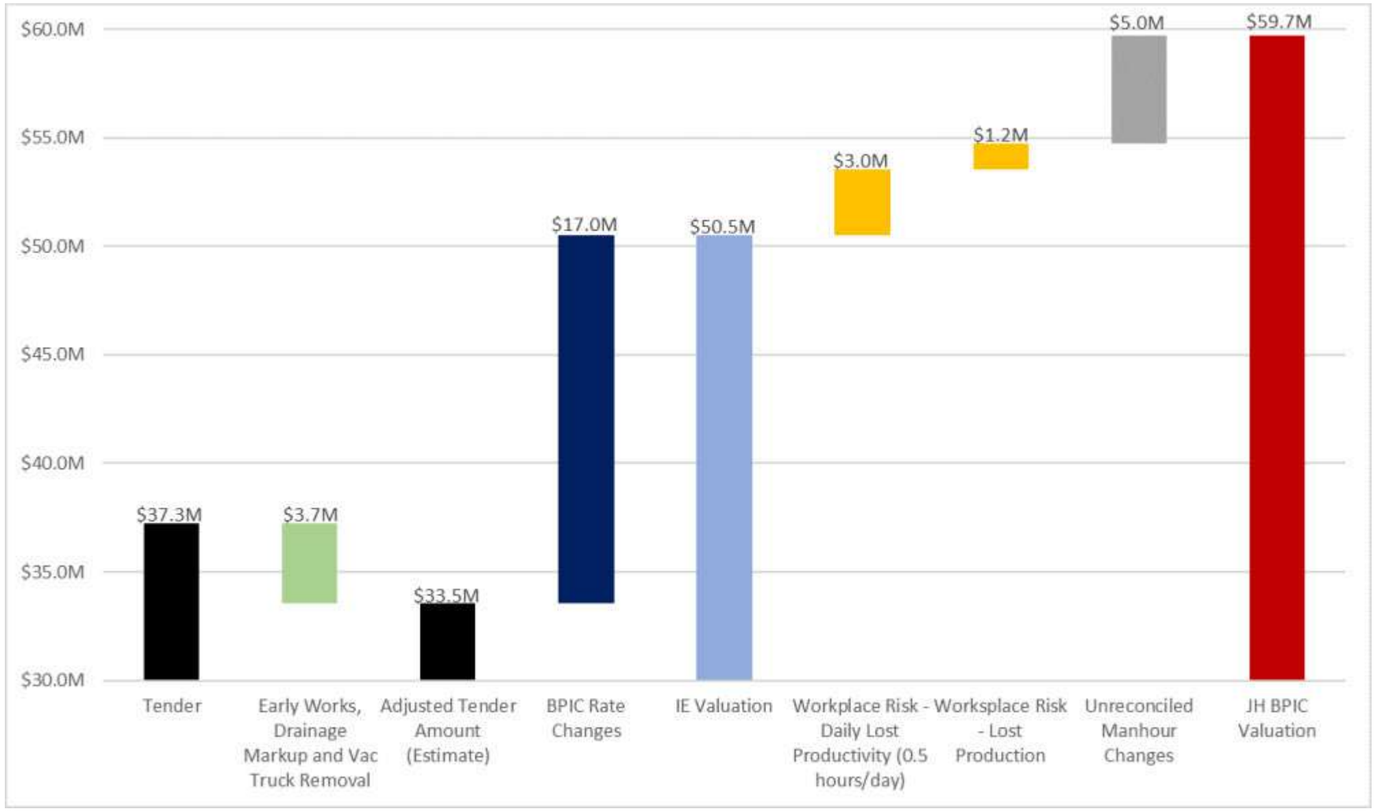
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Production Loss ***Direct Labour & Wet Plant***	$5.8M* **Partial Duplication*	Nil	$1.2M	• JH included further allowances for lost productivity as a result of increased union involvement • Basis of loss of production factor adopted by JH is not attributable to BPIC. • JH pricing adopted BPP provisions prior to BPIC. • IE adopted ~5% impact as a risk provisions due to the immaturity of the BPIC policy within the industry.
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Direct Labour



IE Summary

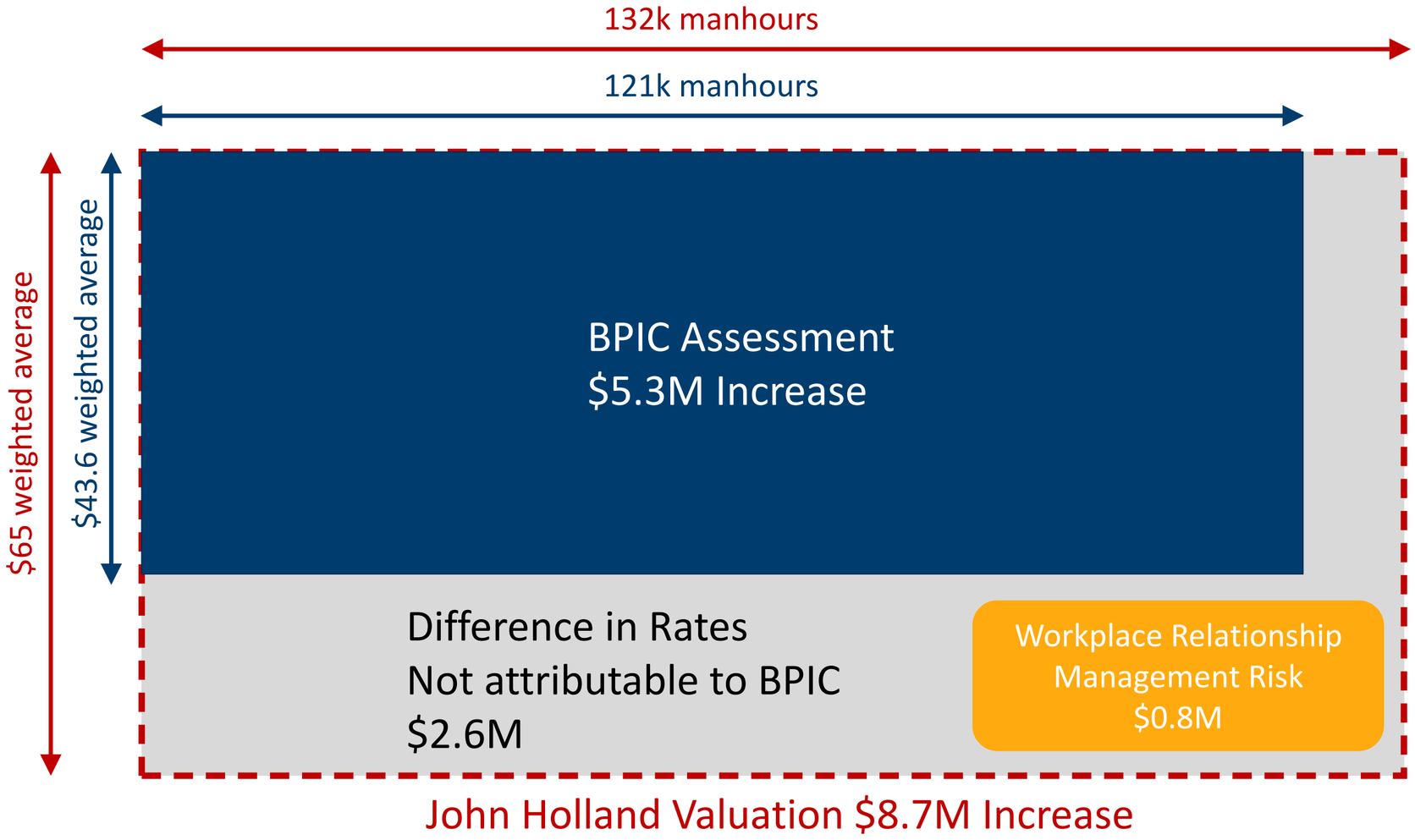
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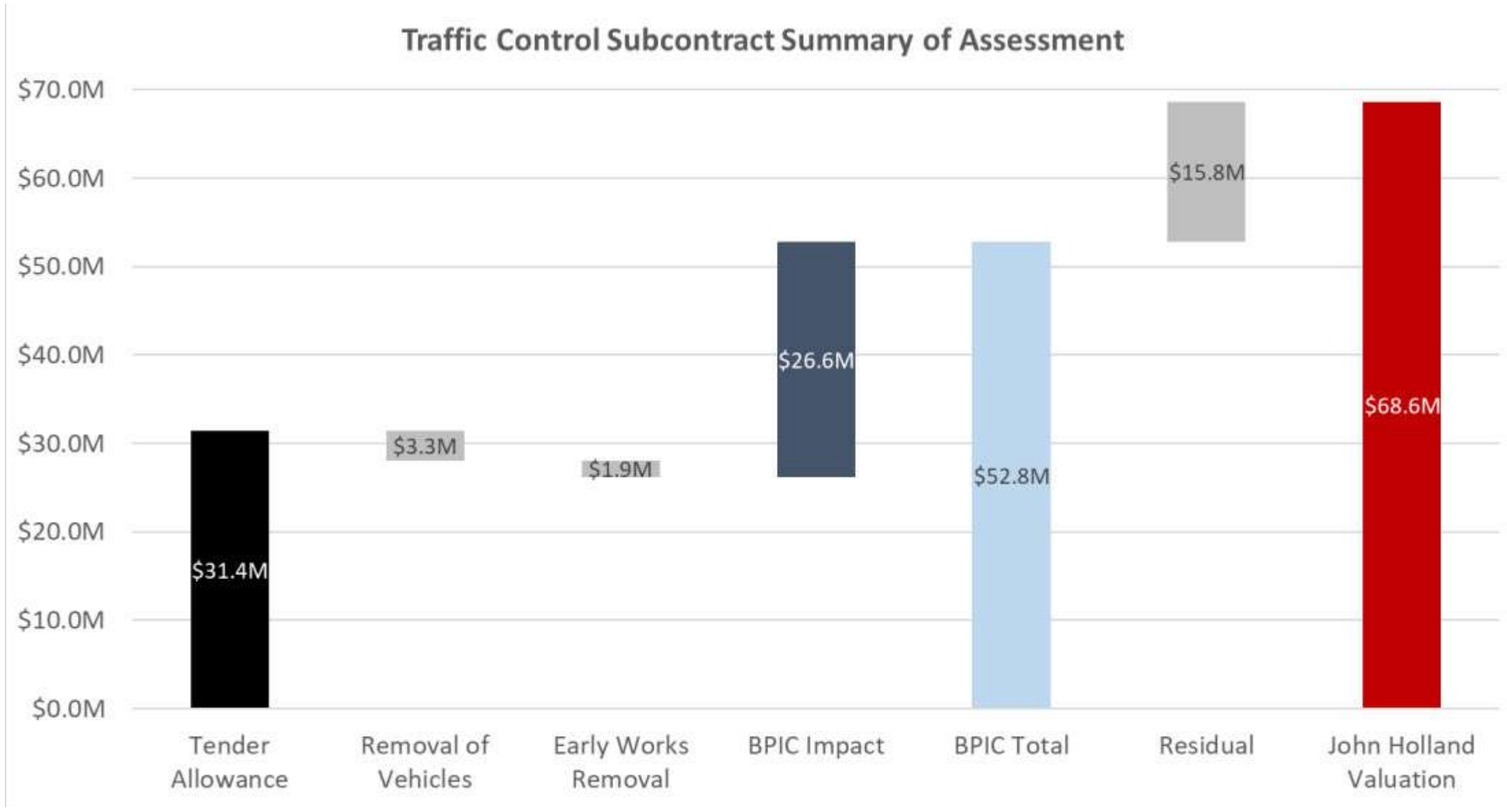
Wet Plant



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- Note that BPIC may not be applied to all wet plant e.g. specialist plant operators.

Subcontractors – Traffic Control



IE Summary

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(Av. day / night rates for 12 hours shifts)
$Increase = \$26.6M$

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Other Key Subcontractors	$13.0M	$11.0M	$1.5M
Balance of Subcontractors	$6.3M	$4.4M	$0.6M

*Based on JH additional information received 21 October 2021

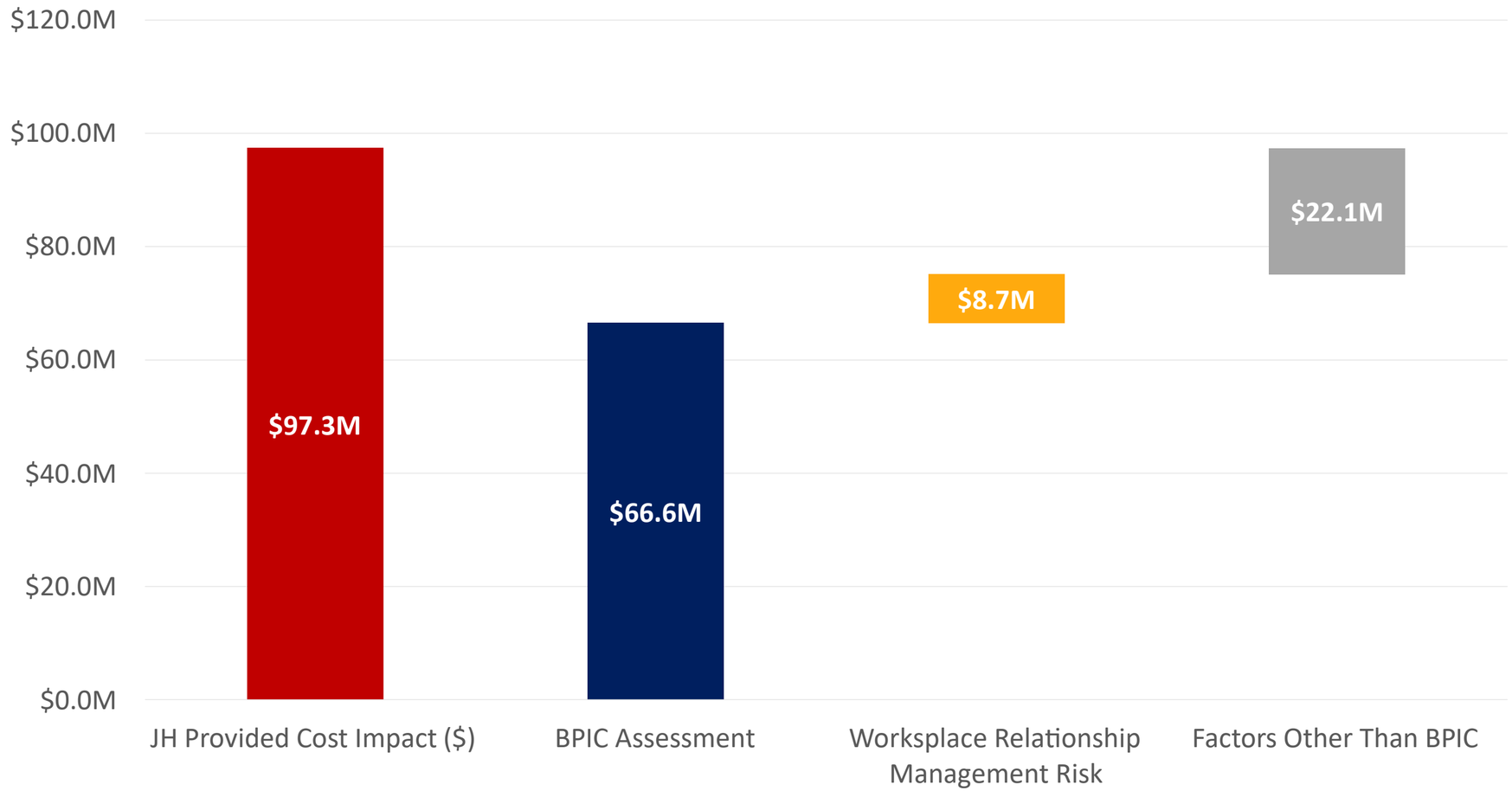
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Direct Cost Variance Summary*



*Excludes Margin

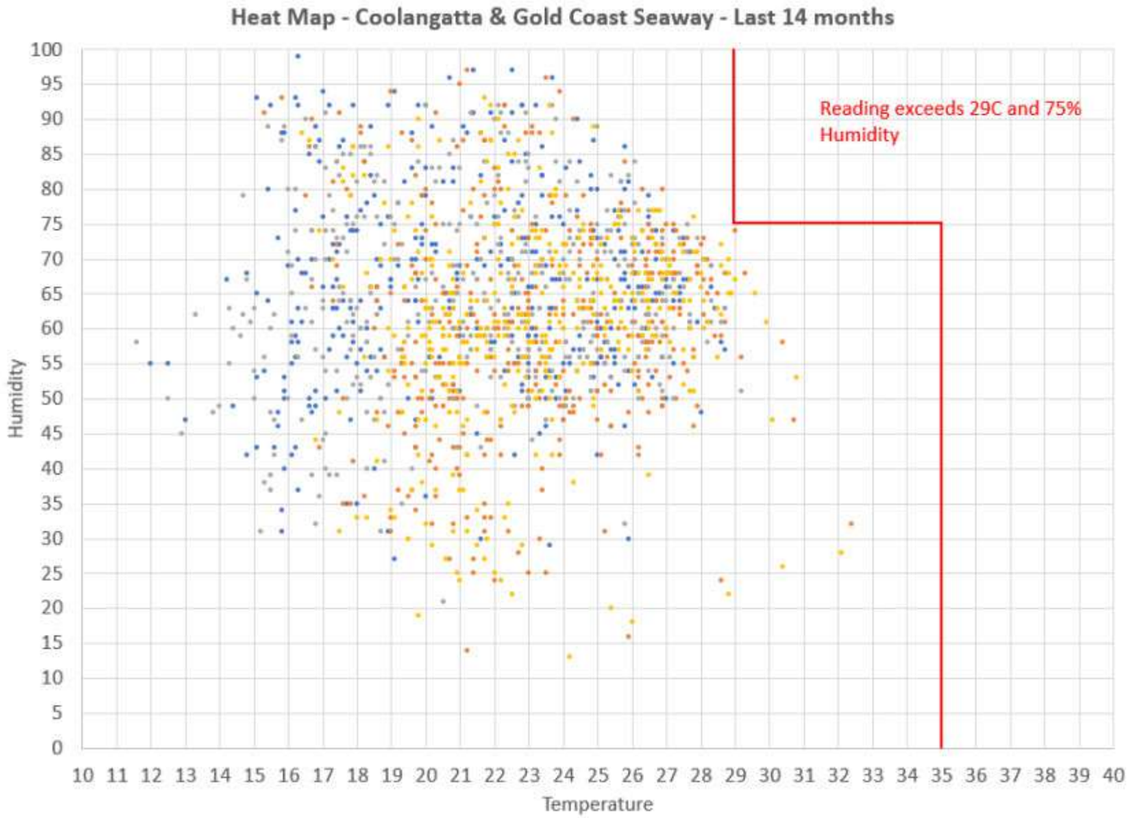
Program

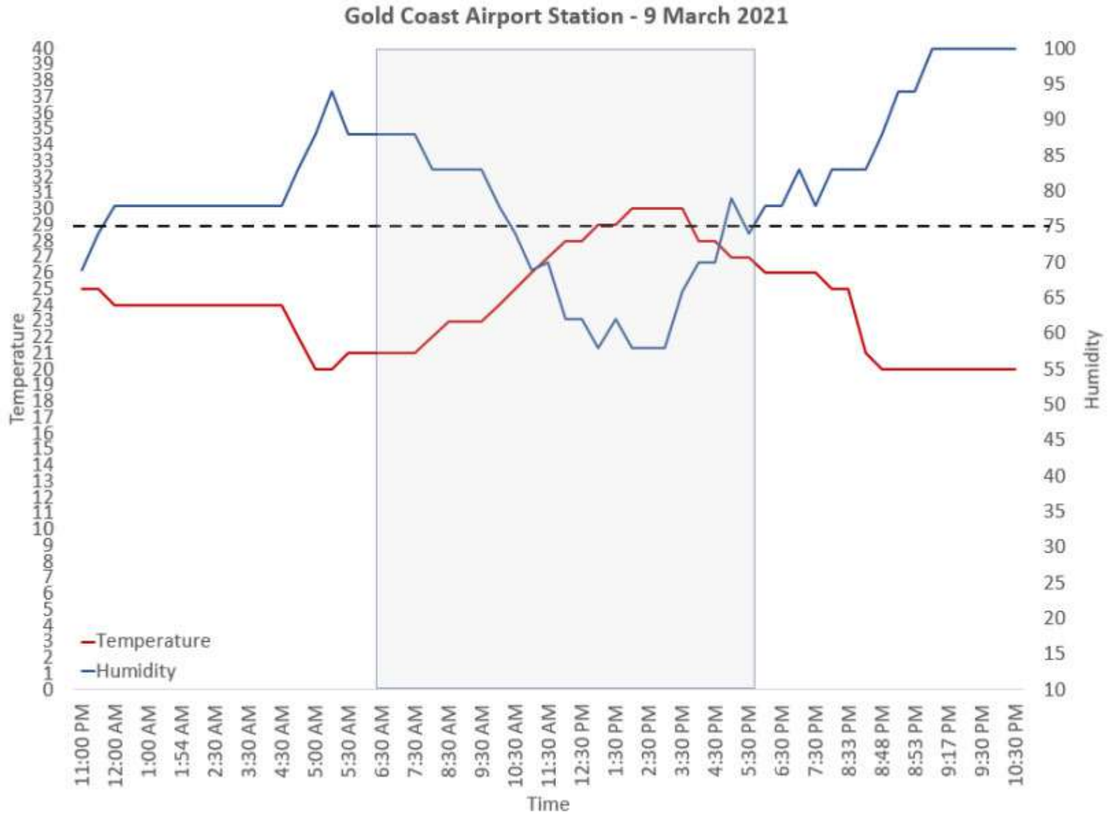
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Additional Contingency	9-Sep-25	14 [9WD]	19-Jun-25	Nil	25 Aug 25	Nil
Heat Risk	1-Oct-25	22 [18 WD]	19-Jun-25	Nil	25 Aug 25	Nil

IE Comments / Notes

- Additional 7 non-working days per year as per industry calendar. Variance appears to be other John Holland adjustments to calendar.
- JH impacts are administrative issues not attributable to BPIC. Impact to critical path needs to be demonstrated.
- JH identified industry wide action and actions against individual subcontractors not attributable to BPIC
- Considered to be BPP – IR – low likelihood of BPIC impact.
- JH allowances above already allow additional risks to project.
- Not included in GCLR3 BPIC.
- Analysis of weather records relied upon John Holland show zero exceedance over past 14 months.

Program – Heat Risk





- Examining John Holland analysis basis shows no exceedance over past 14 months at 9am or 3pm at either station.
- However, John Holland analysis calculates 6 days lost per annum.

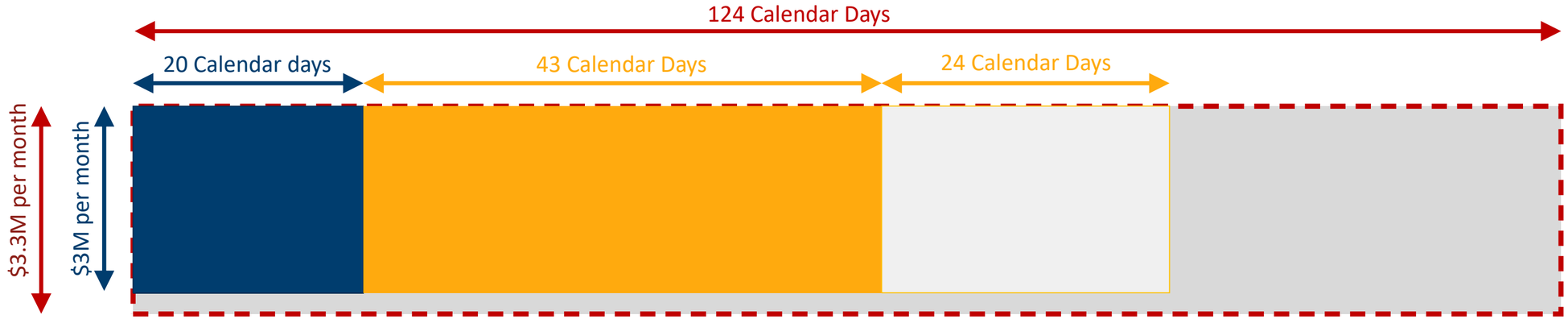
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[CONFIDENTIAL]

Indirect Costs – Time Related

	John Holland Valuation	BPIC Assessment	Workplace Relationship Management Risk
Indirects Time Related	$14.8M*	$2.4M	$6.9M
Manual Indirects Time Related	$4.7M	$0.7M	$1.9M
Fixed Time Delay	$5.3M	Nil	$1.5M

- The variance is primarily caused by the difference in program analysis as set out in the previous section.
- Variance primarily driven by difference in program impact assessment attributable to BPIC.
- Variance primarily driven by difference in wet weather assessment– not attributable to BPIC.
- Additional fixed RDOs do not attract wet weather delay.



* Based on JH additional information provided 16 October 2021

Indirect Costs – Other

	John Holland Valuation	BPIC Assessment	Workplace Relationship Management Risk
Additional Staff	$8.1M	$1.2M	$1.8M
Staff Uplift	$4.2M	Nil	$2.6M
Additional Indirect Labour	$6.0M	$1.4M	$0.1M
Delegates & HSRs	$4.5M	$0.4M	$0.4M
R&O and SRA	$5.7M	Nil	$0.2M
Escalation	$11.3M	$4.7M	$2.6M
Bid Preparation	$1M	$1M	Nil
Other	$1.3M	$0.2M	$0.6M

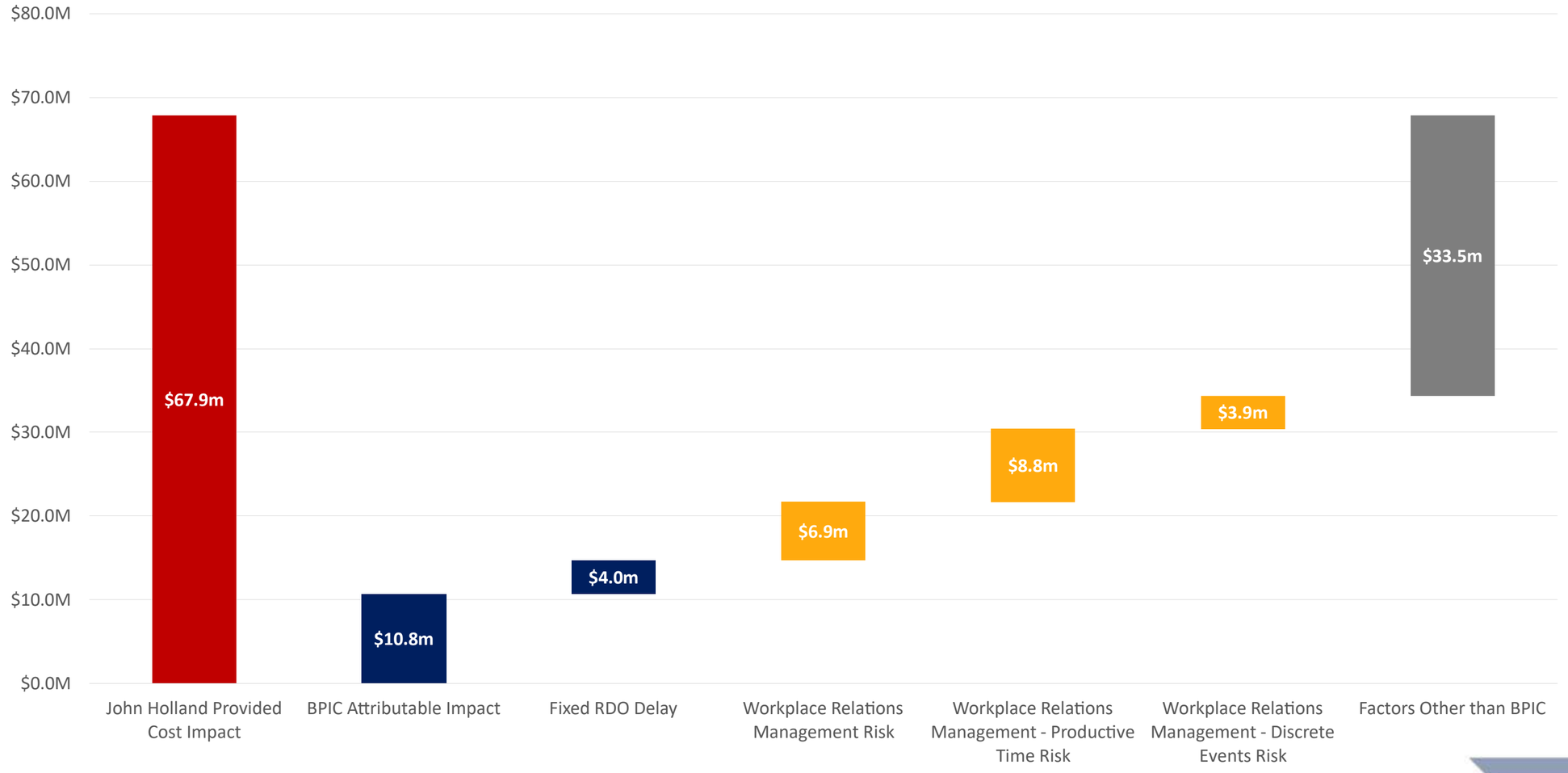
- John Holland has included additional staff listing – not attributable to BPIC. Some additional staff activities are already covered by BPP.
- John Holland has included uplifts and site allowances for all staff – not attributable to BPIC.
- JH has included additional inductions, peggies & franna operator not attributable to BPIC
- JH has assumed non-working delegates. HSR already covered by BPP.
- John Holland has priced additional risks not attributable to BPIC.
- Difference in assessment driven by variances between JH impacts and IE assessment overall.
- John Holland has not substantiated. John Holland to provide an itemised submission to demonstrate actual costs.

Indirect Costs – Contract Value Allowances

	John Holland Valuation	BPIC Assessment	Workplace Relationship Management Risk
Fees, Guarantees & Insurances	$3.0M	$1.1M	$0.4M
Contingencies	$3.9M	$1.7M	$0.6M
Margin	$18.8M	$8.5M	$3.0M

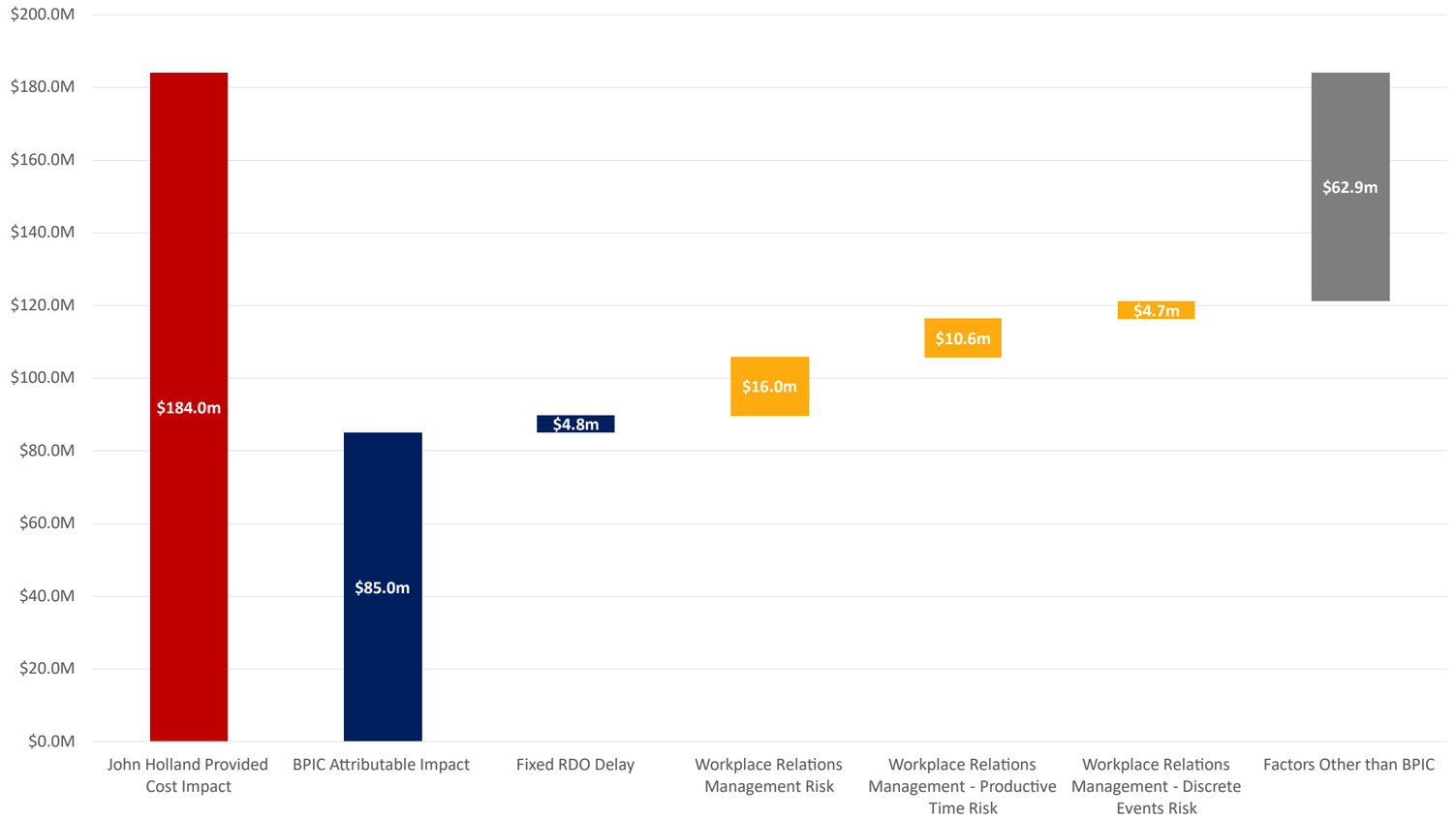
- These costs are based on percentages applied to the overall contract value, in the pre-BPIC estimate. The variance is caused by the difference in assessments of items listed above.

Indirects & Other Cost Variance Summary*



*Excludes Margin

Total Cost Summary & Key Observations*



Other Observations

- John Holland committed to the Best Practice Principles prior to the introduction of BPIC.
- John Holland EBA:
  - is significantly lower than contemporary major project rates
  - may be inadequate to attract and retain sufficient a highly skilled, experienced and motivated workforce
  - is likely to cause a moderate to high risk of a project agreement (pre-BPIC).
- Existing John Holland EBA risks are significantly mitigated by the introduction of BPIC, which has not been recognised in its BPIC impact assessment and pricing.
- Workplace Relations Management Risk items currently show JH 'un-mitigated' value
- Approximately 60% of the values assessed in the BPIC assessment categories as listed above will be passed on to workers (subject to demonstration of compliance by John Holland).

*Includes Margin Allowance

	John Holland Valuation	E3 Draft Assessment		
		BPIC Assessment	**Workplace Relationship Management Risk**	**Factors other than BPIC**
Direct Labour	**$22.5M**	**$17.0M** • BPIC increases base rates of pay and conditions, as well as reclassifying various types of work. • Increase = 574,254 hours x $29.59/hr	**$3.0M** • JH allowance (0.5 hrs/day) for loss of productivity not attributable to BPIC.	**$2.5M** • Early works (15,800 hrs) not subject to BPIC. • Vac Truck hours (14,578 hrs) treated with subcontractors. • Drainage man hours reduced by 25% due to misapplication of uplift factor. • Plumber reallocation not attributable to BPIC. • Payroll tax & Superannuation above statutory rates (From base tender).
Wet Plant	**$8.7M**	**$5.3M** • Assigned rates for operators using appropriate classification from John Holland EBA, based on machine type. • Applied BPIC rates and reclassification of operators to assess difference in pricing attributable to BPIC.	**$0.8M** • BPIC may not be applied to all wet plant e.g. specialist plant operators.	**$2.6M** • 11k manhours delta. • $21.4 weighted average delta NB. Market rates received by JH through the BPIC Impact Assessment considered to include factors other than BPIC.
Production Loss *Direct Labour & Wet Plant*	**$5.8M*** **Partial Duplication*	**Nil** • Nil impact to production.	**$1.2M** • IE adopted ~5% impact as a risk provisions due to the immaturity of the BPIC policy within the industry.	**$4.6M** • JH included further allowances for lost productivity as a result of increased union involvement. • Basis of loss of production factor adopted by JH is not attributable to BPIC. • JH pricing adopted BPP provisions prior to BPIC.
Subcontractors	**$64.2M**	**$44.3M** • Experienced Contractor Estimators assessed % labour component and converted to hours based on subcontractor EBA rates. BPIC uplift applied on labour component only.	**$3.8M** • Refer to detailed breakdown.	**$16.1M** • Refer to detailed breakdown.

EXAMPLE ONLY

TS-33

Gold Coast Light Rail Stage 3

Impact of BPIC – Independent Estimator's Report

Client: Department of Transport & Main Roads

Date: 9 November 2021

[CONFIDENTIAL][DRAFT]

E3 Advisory

Version Control

Revision	Date	Reviewed By	Comments
A	9/11/2021	Jason Malouf	Draft Report for Parties

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Executive Summary

The Gold Coast Light Rail Stage 3 Project (GCLR3) is an extension of the public transport network previously delivered by the Gold Coast Light Rail (GCLR) Stage 1 and Stage 2 projects.

GoldlinQ is the Operator Franchisee of the GCLR network and undertook a competitive tender process to appoint John Holland (JH) as its preferred D&C contractor for GCLR3. GoldlinQ submitted a proposal (OF Mod) for design and construction of GCLR3 to the State (acting through the Department of Transport and Main Roads) and is currently targeting a financial close for GCLR3 in Q4 2021, subject to resolution of certain outstanding matters.

The State provided a 'request for clarification' GCLR3 BPIC RFC 103C on 5 July 2021, including Best Practice Industry Conditions (BPIC) for GCLR3. The State is seeking a revised OF Mod proposal from GoldlinQ (including a Revised D&C Offer from John Holland).

E3 Advisory has been engaged in the role of Independent Estimator to assess the impacts of the GCLR3 BPIC document on the JH Baseline D&C Offer (7 June 2021).

John Holland presented a Revised D&C Offer to GoldlinQ and the State on 11 October 2021. The Revised D&C Offer is approximately $184M higher than the John Holland Baseline D&C Offer.

The Independent Estimator has attended several workshops with the John Holland estimating team to gain a detailed understanding of impacts related to the GCLR3 BPIC and changes to the Baseline D&C Offer. The Independent Estimator has undertaken a review of supporting documentation provided by John Holland and made an assessment of the John Holland Revised D&C Offer, including cost, time and risk impacts attributable to the GCLR3 BPIC, in accordance with the Terms of Reference – Independent Estimator review of BPIC impacts to price, program and risk (ToR).

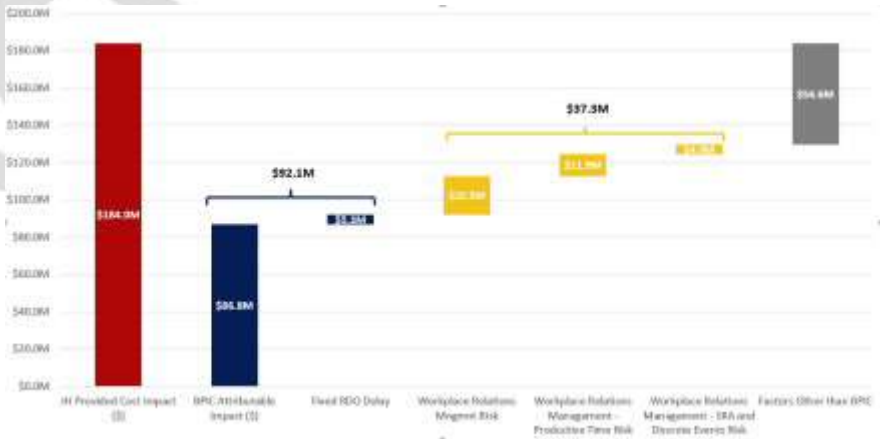
To assist the parties in understanding the assessment of BPIC impacts in accordance with the ToR, the Independent Estimator has categorised items in the JH Revised D&C Offer as follows:

- impacts attributable to GCLR3 BPIC at **$92.1M**;
- other Workplace Relations Management Risks at **$37.3M**; or
- factors other than GCLR3 BPIC at **$54.6**.

This assessment assumes that GCLR3 BPIC terms and conditions will be implemented and verified by John Holland to the satisfaction of the State, to ensure that all BIPC related payments are received by the intended beneficiaries.

The assessment is broken down into components as summarised in Figure 1 below.

Figure 1: Independent Estimator – Summary of Assessment.



1 Introduction

1.1 Gold Coast Light Rail Stage 3 Project

The Gold Coast Light Rail network is being delivered in stages to support the growth of the Gold Coast. Projects for Stage 1 and Stage 2 have successfully delivered 21 km of rail from Helensvale to Broadbeach with 19 stations and 18 trams.

The GCLR Stage 3 project will deliver a 6.7 km extension of the network from Broadbeach South to Burleigh Heads including the following:

- Dual track in the centre of the Gold Coast Highway.
- 8 stations.
- Retention of 2 traffic lanes either side of light rail tracks.
- 5 additional trams.

GoldlinQ is the Operator Franchisee of the Gold Coast Light Rail network and undertook a competitive tender to appoint John Holland as its preferred contractor to design and construct the GCLR Stage 3. The project is currently targeting a financial close in Q4 2021.

The Department of Transport & Main Roads (TMR) on behalf of the State issued a request[1] to GoldlinQ on 5 July 2021 which set out proposed Best Practice Industry Conditions (BPIC) for the GCLR3 project.

The request was to be responded to with a revised OF Mod proposal from GoldlinQ (including a Revised D&C Offer from John Holland). John Holland presented a Revised D&C Offer to GoldlinQ and the State on 11 October 2021.

1.2 Terms of Reference

John Holland proposed the concept of an Independent Estimator to assess impacts of the GCLR3 BPIC and the State has accepted this approach. E3 Advisory has been engaged by TMR as the Independent Estimator.

The Terms of Reference - Independent Estimator review of BPIC impacts to price, program and risk (ToR) have been developed by the State, shared with and accepted by GoldlinQ and JH, as set out in Appendix A.

The ToR set out the Independent Estimator role including:

> *The purpose of the Independent Estimator is to review and validate, on behalf of the State, the GoldlinQ response to GCLR3 BPIC RFC 103C, including but not limited to the impacts on price, program and risk as it compares to the OF Modification offer as at the commencement of Early Works, dated 7 June 2021.*
>
> *The review is limited to any component of the offer that is modified as a result of GCLR3 BPIC RFC 103C but includes access (on a confidential basis) to all relevant information or documentation used to inform the response and its assumptions.*

As part of the role, the Independent Estimator is asked to:

- *Independently analyse the project cost estimate, program and risk impacts related to GCLR3 BPIC RFC 103C, to provide the State with an independent view of the appropriateness of the revised offer and any discrepancies that may exist*

[1] "Clarification #OFiM3-103-C"

- *Work with John Holland Estimating Team to gain a common understanding of the details associated with the impact on the design and construction activities*
- *Check the adequacy of the documentation provided via face-to-face workshops and John Holland owned equipment.*
- *Review the current Baseline position to enable an understanding of the appropriateness of any element of the project cost proposed to be impacted by the GCLR3 BPIC RFC 103C;*
- *Review and validate the conditions of supply contracts and subcontractors agreements (if applicable) where an impact is proposed as a result of the GCLR3 BPIC RFC 103C;*

The Independent Estimator has also been requested to provide advice as to

- *Elements of the cost structure that may be appropriate for provisional cost arrangements; and*
- *Potential compliance and reporting arrangements attributable to GCLR3 BPIC RFC 103C during the D&C Phase.*

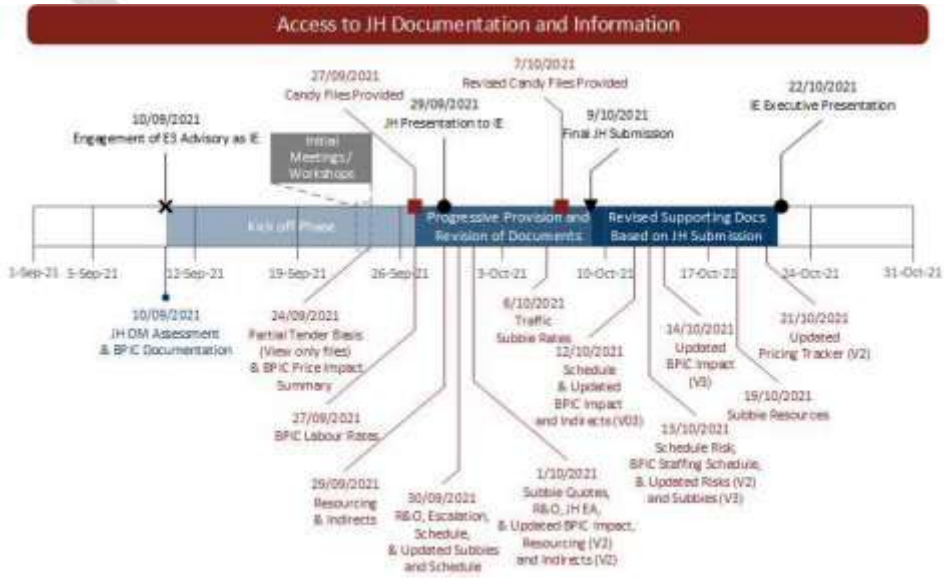
1.3 Access to Information

The E3 Advisory proposal to the State for the Independent Estimator services provided a team of suitably qualified and experience professionals. The nominated team has largely been excluded from access to confidential information by John Holland, due to an unexplained conflict. Consequently, the Independent Estimator was required to seek and engage additional external estimating resources with experience in preparing and reviewing first principles estimates for major contractors to assist in its assessment.

The parties have provided access to documents and information to the Independent Estimator progressively including the confidential information provided by John Holland. John Holland has also made multiple revisions of the information provided, which required the IE to undertake ongoing reconciliations between the various documents issued and previous versions.

The timing of information and submissions provided to the IE is summarised in Figure 2 below:

Figure 2: Timeline of Information Provided



The Independent Estimator has attended multiple face to face workshops with the JH estimating team during this period, to gain a detailed understanding of the documentation and information provided and seek clarifications from John Holland.

It is noted that John Holland was requested to provide the following documentation, which was not received:

- manhour reconciliation of John Holland's baseline D&C offer and revised D&C offer; and
- substantiation of various claimed impacts where no supporting documentation was provided.

1.4 Terms used in this Report

The following terms, acronyms and abbreviations have been used throughout this report:

Table 1: Terms, Acronyms & Abbreviations

Term / Acronym	Definition
BPIC	Best Practice Industry Conditions
GCLR3 BPIC	Best Practice Industry Conditions as included in GCLR3 BPIC RFC 103C
BPP	Best Practice Principles
EBA	Enterprise Bargaining Agreement
IE	Independent Estimator
IR	Industrial Relations
JH	John Holland
GCLR3	Gold Coast Light Rail Stage 3
TMR	Department of Transport and Main Roads
QPP	Queensland Procurement Policy
WRM	Workplace Relations Management

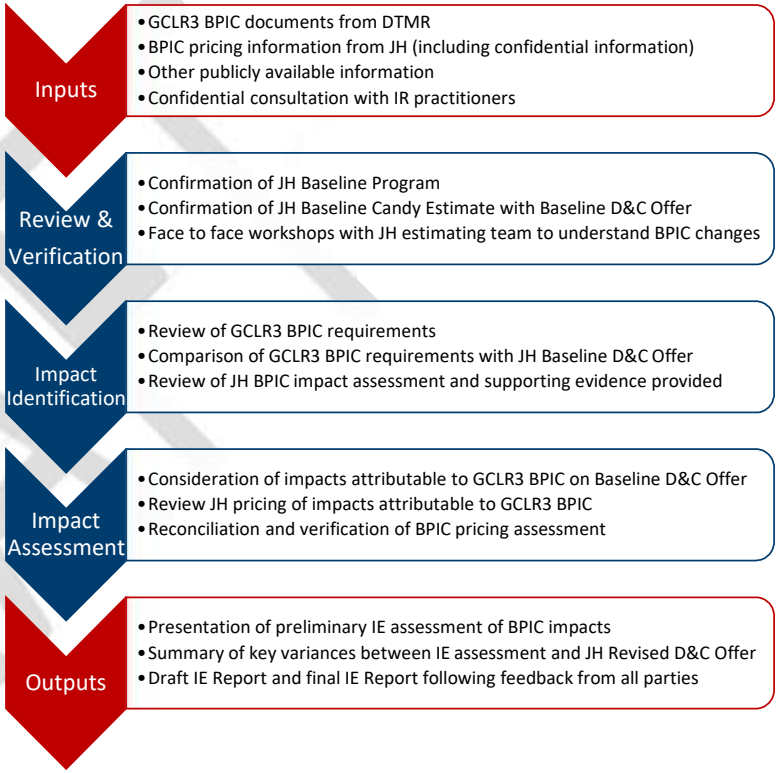
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2 Methodology

In order to fulfill the scope and requirements for the Independent Estimator role defined by the Terms of Reference, E3 Advisory has developed a methodology to review and validate the appropriateness of any changes to the JH Baseline D&C Offer. This includes the review of supporting documentation provided, to ensure any changes proposed by JH are impacts attributable to GCLR BPIC FRC 103C only.

A summary of the IE methodology is shown in Figure 3 to the right and further described in the following sections.

Figure 3: Independent Estimate Methodology Summary



2.1.1 Inputs & Information Relied Upon

The documentation and information relied upon by the IE is listed in Appendix 1, including whether the information has been provided by the State or John Holland.

Confidential Information

John Holland has provided certain confidential information in relation to the IE review, that is commercially sensitive. E3 Advisory and its subconsultants have entered into a confidentiality deed with John Holland in relation to confidential information.

E3 Advisory has set up a specific confidentiality plan for the GCLR3 Independent Estimator engagement, to ensure that confidential information is not shared outside of the authorised personnel.

Confidential information that has been relied upon by the Independent Estimator, is also listed in Appendix 1.

2.1.2 Review and Verification

The John Holland Baseline D&C Offer in the total amount of $633.5M is set out in the pricing proforma dated 7 June 2021. John Holland has advised that the estimate for GCLR Stage 3 was built up using the 'Candy' software package. It is understood[3] that John Holland has warranted to the State that the Candy estimate presented to E3 Advisory is unaltered from that prepared for the Baseline D&C Offer.

Notwithstanding the above, the Independent Estimator has also confirmed with its external estimators that the Candy estimate reconciles with the Baseline D&C Offer. Verification of accuracy of the Baseline D&C Offer or suitability of the price and program is excluded from the scope of the Independent Estimator.

The Candy estimates contain commercially sensitive information that is subject to the confidentiality processes referenced in section 2.1.1 above. John Holland provided two laptops which contained the Candy estimate files. These laptops were provided to the two external estimators approved by JH and the Candy files have only been opened in the presence approved E3 Advisory personnel.

The laptops were locked down with significantly limited functionality that hindered the IE review. For example, the Independent Estimator was unable to view and compare the Baseline and BPIC Revised Candy estimate files simultaneously, due to split-screen, screen sharing, printing and exporting functionality being excluded.

2.1.3 Impact Identification

John Holland has provided the Independent Estimator with various documents and information which set out the claimed BPIC impacts. The documentation and information provided by John Holland has been updated progressively both prior and subsequent to presentation of the Revised D&C Offer to GoldlinQ and the State on 11 October 2021. The independent Estimator has reviewed and assessed all documentation and information provided by JH, to identify the BPIC impacts including:

- the revised Candy Estimate File which totals $165.2M exclusive of margin;
- the BPIC Impact Summary[4] identifying the basis of BPIC impacts which totals $175.3M exclusive of margin; and
- further information provided on an ad-hoc basis, in relation to specific items included in the BPIC Impact Summary.

The Independent Estimator has also attended face to face workshops with the John Holland estimating team to gain a detailed understanding of the BPIC impacts identified by John Holland in relation to design and construction activities and program.

Separately, the Independent Estimator has undertaken its own review of the GCLR3 BPIC document to understand the terms and conditions, to assess the impacts on the JH Baseline D&C Offer that are attributable to the GCLR3 BPIC.

Impacts, risks and other factors identified by JH in the Revised D&C Offer, that are <u>not</u> attributable to the GCLR3 BPIC, have been excluded from the IE assessment, such as:

- general market conditions resulting in resource constraints and escalation;
- impact of other recent industry agreements placing upward pressure on wage rates and conditions;

[3] A draft copy of the deed poll was provided to E3 Advisory by email on 8 October 2021. However, E3 Advisory has not been provided with the executed deed poll.

[4] As per 21 October 2021 Submission.

- omissions in the JH Baseline D&C Offer;
- the introduction and requirements of the Best Practice Principles: Quality, Safe Workplaces, which preceded BPIC and was included in the JH Baseline D&C Offer; and
- the terms and conditions noted in BPIC documents, other than the GCLR3 BPIC.

2.2 Impact Assessment

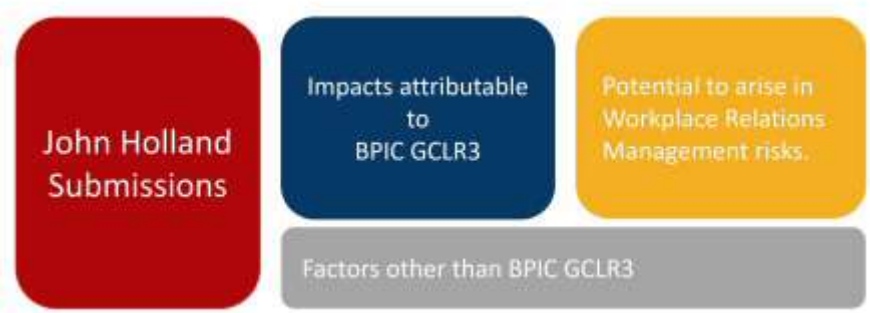
The Independent Estimator has engaged experienced design and construction estimators and planning professionals who are familiar with major contractor first-principles estimating, to review and assess each of the BPIC impacts identified by JH on its merits. The specifics of each calculation in each are detailed in each section of this report as relevant.

The IE's assessment assumes that the application and implementation of BPIC GCLR 3 terms and conditions, in particular the BPIC payments actually received by workers throughout the JH supply chain, will be reliably verified as a pre-condition for the related payments to be made to JH.

To assist the parties in understanding the GCLR3 BPIC assessment, the Independent Estimator has categorised its assessment as follows:

- impacts attributable to the GCLR3 BPIC;
- general Workplace Relations Management Risk factors (not specifically attributable to the GCLR3 BPIC); or
- factors other than the GCLR3 BPIC.

Figure 4: Summary of Independent Estimator Assessment Categories



2.2.1 Attributable to GCLR3 BPIC

Where an impact has been identified as being attributable to GCLR3 BPIC, this is supported by a reference to the relevant clause in the document.

2.2.2 Workplace Relations Management Risk

Where impacts included in the JH Revised D&C Offer are not attributable to the GCLR3 BPIC, and/or there has been little or no supporting documentation provided by John Holland to ensure the costs, program or risks impacts are attributable to the GCLR3 BPIC, these items have been categorised as general Workplace Relations Management Risks.

2.2.3 Factors other than GCLR3 BPIC

Where impacts identified by JH in the Revised D&C Offer are related to factors other than the GCLR3 BPIC, including those listed in section 2.1.3, the Independent Estimator has noted this variance, but has not sought to address the underlying calculation in its assessment.

BPP Requirements

The Best Practice Principles: Quality, Safe , Workplaces (BPP) was introduced by the Queensland Government in 2018. All government agencies covered by the Queensland Procurement Policy (QPP) must apply the BPP to major project of $100 million or more.

The BPP include:

- Best practice workplace health and safety (WHS) systems and standards;
- Best practice commitment to apprentices and trainees; and
- Best practice industrial relations (IR).

Application of the BPP was included in the competitive procurement process for the GCLR3 project and JH has provided various commitments to apply the BPP. These commitments are recorded in the various schedules attached to John Holland's tender submission.

The Independent Estimator has reviewed each of the impacts identified by against what was already committed in relation to BPP. Further background with respect to the Best Practice Principles is contained in Appendix C.

2.3 Outputs

The Independent Estimator has prepared the following documents and presentations to inform the parties regarding its assessment:

- Executive Presentation to the parties held on 22 October 2021;
- Information supporting the Independent Estimator assessment attributable to GCLR3 BPIC sent to the parties on 27 October 2021; and
- This draft report dated 9 November 2021.

2.3.1 Structure of this report

This report is structured such that the order of costs considered generally match the John Holland submissions.

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3 Direct Cost Impacts

3.1 Labour Rates

IE Assessment:

$18.1M due to increased base rates of pay and conditions.

3.1.1 Labour Rate Calculation

The GCLR BPIC3 includes provisions that cause a material increase to the rates of pay or conditions for labourers and workers. These provisions include:

- Clause 22 - increase in base rates of pay and change in classifications;
- Clause 14 & 33 – changes to allowances and oncosts; and
- Clause 13.2(b) – change in treatment of RDOs.

These provisions are captured in a contractor's estimate by the assumptions adopted in a labour rate calculation. The Independent Estimator has built up tender rates[5] and the revised BPIC rates[6] from first principles using the following assumptions:

Table 2: Labour Rate Assumptions

Assumption	Tender	Post BPIC
Working Hours	10 hours per day	10 hours per day
Roster	5.5 days (alternating Saturdays off)	5.5 days (alternating Saturdays off)
RDO's	12 RDOs taken. 14 RDOs banked.	All RDOs taken.

The revised BPIC rates were then applied to the baseline manhours with an adjustment made for early works[7] and vacuum truck manhours[8]. Further adjustments were made to the manhours to account for the reclassifications from the John Holland EBA to BPIC e.g. CW 6 was reclassified as CW 7.

This resulted in a weighted average increase of $29.59 per hour against 574,253 hours.

3.1.2 Direct Labour Rate Variances

Key Variances:

- **JH inclusion of 0.5 hour daily productivity loss.**
- **Overstatement by JH of payroll tax.**

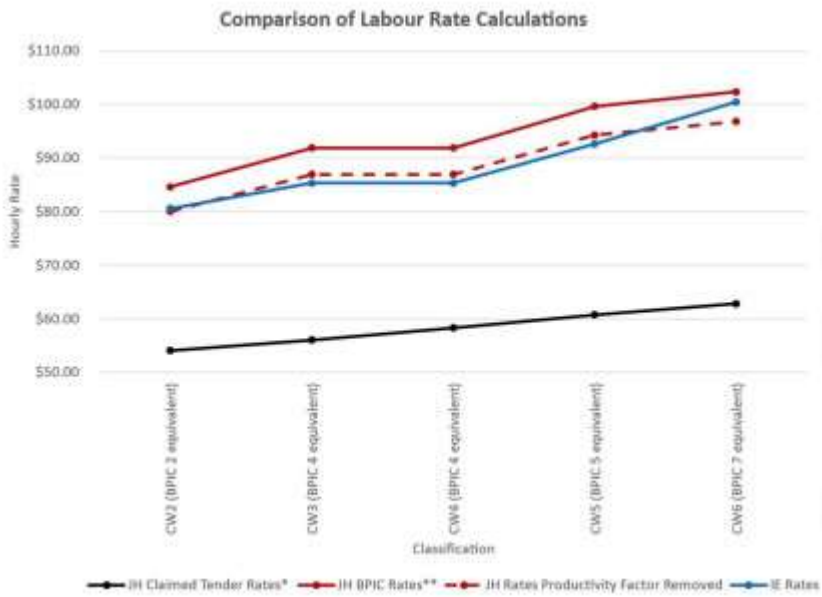
John Holland has claimed $22.5M compared to the Independent Estimator's assessment of $17.0M. The difference is primarily due to the inclusion of a 0.5-hour daily productivity loss within John Holland's calculation.

This productivity loss is not attributable to GCLR3 BPIC and has not been substantiated with further supporting documentation by John Holland. During the face-to-face workshops, John Holland has made anecdotal references to other jurisdictions without further justification.

[5] John Holland EBA JOHN HOLLAND PTY LTD CIVIL CONSTRUCTION AGREEMENT 2019
[6] GCLR3 BPIC
[7] 15,800 manhours were removed as Early Works.
[8] Vacuum trucks are to be performed as a subcontract. Accordingly, vacuum trucks are dealt with in section 3.3 of this report and 14,578 hours removed from the direct labour analysis..

As seen by Figure 5 below, the main variance between the Independent Estimator and John Holland is caused by the 0.5 hour productivity loss.

Figure 5: Comparison of Labour Rates



Notwithstanding the absence of supporting documentation for the loss of productive time to be attributable to BPIC, the Independent Estimator has calculated the loss of productive time and included this in its assessment under the Workplace Relations Management Risk category.

Other variances within the labour rate calculation is the overstatement of the payroll tax (John Holland allowed 5.66% while the legislated requirement is 4.95%[9]. This variance is not attributable to BPIC.

3.1.3 Direct Labour Manhour Variances

Key Variances:

- **Removal of JH Application of production losses to drainage, earthworks and pavement.**
- **JH inclusion of Vac truck manhours in direct labour and subcontractor assessments.**

John Holland has included allowances for reduced production for drainage, earthworks and pavements.

This is a risk provision with no basis provided by JH for the adoption of the reductions applied. As John Holland consider part of the disruption being the strict adherence to safety processes, it appears that this risk was already introduced by the adoption of BPP safety practices.

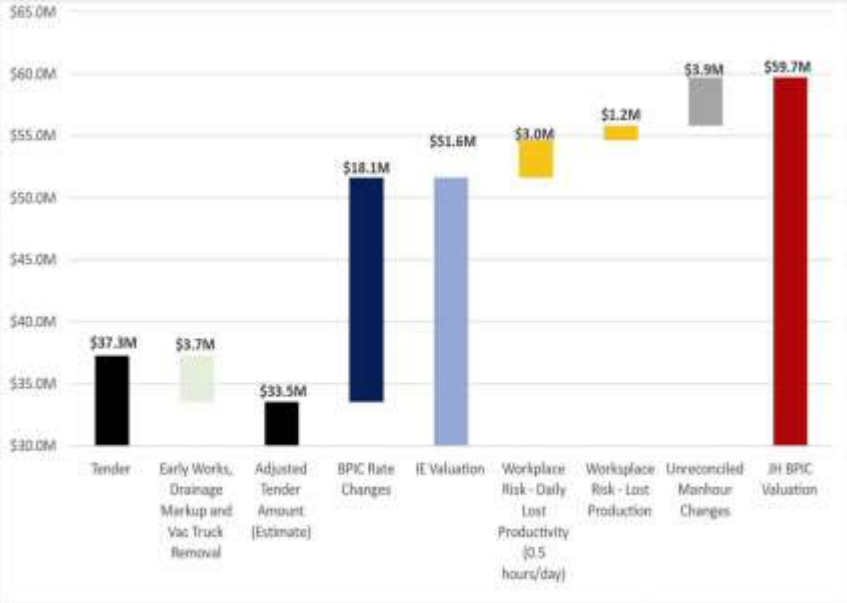
Accordingly, these production losses are not attributable to BPIC. The impacts described are overstated and rely on anecdotes from other jurisdictions. Notwithstanding a lack of supporting documentation, the Independent Estimator has categorised a 5% loss of productivity for drainage, earthworks and pavement activities as a Workplace Relations Management Risk.

[9] https://www.business.qld.gov.au/running-business/employing/payroll-tax/calculating/thresholds

3.1.4 Variance Summary

A summary of the variances between John Holland's valuation and the Independent Estimator's assessment is shown below:

Figure 6: Summary of Direct Labour Assessment



3.2 Wet Hire of Plant & Equipment

IE Assessment:

$5.3M due to increased base rates of pay and conditions for operators.

'Wet hire' refers to the practice of hiring plant & equipment from a third party, inclusive of fuel and an operator. It is assumed that John Holland will receive commitments from its wet plant hire suppliers to implement GCLR3 BPIC. This means that the following clauses will have an impact to relevant rates:

- Clause 22 - increase in base rates of pay and change in classifications;
- Clause 14 & 33 – changes to allowances and oncosts; and
- Clause 13.2(b) – change in treatment of RDOs.

These clauses are the same as those listed in section 3.1.1 above, which have a material effect on the direct labour.

JH has not provided supporting documentation for the labour rates applied by its wet plant hire suppliers. It is noted that wet plant hire suppliers may pay their operators wages and conditions that are higher or lower that the JH Enterprise Agreement rates. It is also noted that wet plant hire typically includes sole operators and other business employment arrangements to whom BPIC would not be directly applicable.

Accordingly, the Independent Estimator has undertaken the assessment of BPIC impacts based on:

- The increased labour rates as calculated as the difference between:

  - John Holland EBA rates;
  - Revised BPIC rates and classifications;
- Plant & equipment hours as calculated by:
  - adopting the revised manhours as per the post-BPIC Candy Estimate;
  - removing the manhours stated by John Holland to not be affected by BPIC; and
  - reconciling hours against the pre-BPIC Candy Estimate to ensure no duplication;

Notwithstanding a lack of supporting documentation, the Independent Estimator has included:

- the BPIC uplift on wet plant operator hours for the JH loss of productivity allowances as a Workplace Relationship Management Risk; and
- an additional allowance of $6.43 per hour for possible differences in pre-BPIC rates for wet plant operators, as a Workplace Relations Management Risk.

3.2.1 Key Variances

Key Variances:

- **Application of production losses to drainage, earthworks and pavement is not attributable to GCLR3 BPIC.**
- **Use of first principles calculations by IE, compared to informal market quotes received in a non-competitive process being adopted by JH.**

As shown below, the variance between John Holland's valuation and the Independent Estimators is driven by:

- Difference in manhours applied:
  - John Holland includes additional hours for production losses to earthworks, pavement and drainage activities;
- Difference in calculation of BPIC uplift:
  - The Independent Estimator has applied the difference in pre and post-BPIC labour rates; and
  - John Holland has relied on market quotes in the absence of further supporting documentation to ensure the impacts are attributable to BPIC only.

Figure 7: Summary of Variances



The production losses to earthworks, pavement and drainage have not been substantiated with further supporting documentation nor has the basis of calculation been described by John Holland.

The Independent Estimator has made an assessment on a first principles basis. The "market" quotes supplied by John Holland are not considered to provide an accurate and reliable representation of impacts attributable to BPIC only, for the following reasons:

- The initial quotes are distant in time (circa 18 months) from this assessment;
- The revised market quotes were received through an informal approach to the market rather than a formal competitive process;
- Limited market coverage and some new suppliers being introduced that are different to those used in the Baseline D&C Offer; and
- JH has not provided any further detailed analysis verifying that the changes in rates are attributable to GCLR3 BPIC only.

3.3 Subcontract Works

John Holland has committed to requiring Subcontractors to adopt BPIC rates and conditions. On this basis, the Independent Estimator has included in its assessment the impacts attributable to BPIC only.

3.3.1 Method of Assessment

The Independent Estimator has used experienced first-principles estimators to conservatively assess the labour component of the key subcontract packages proposed by JH in the Baseline D&C Offer and converted to hours based on typical subcontractor EBA rates.

For reasons similar to those set out in section 3.2, the Independent Estimator has then applied the BPIC uplift to the labour hours based on the difference between John Holland's EBA and the GCLR3 BPIC.

An allowance for 0.5 hours lost productive time per day has been allowed for subcontractor labour where appropriate and categorised as Workplace Relations Management Risk.

This approach has been validated by close correlation with the revised market pricing for several subcontract packages, however larger differences with the revised market pricing of some packages indicates factors other than BPIC that need to be excluded from the IE assessment.

For example, the landscape quotations showed a doubling in rate for supply and install of concrete which is in excess of the labour rate impact attributable to BPIC.

3.3.2 Key Subcontracts

The following key subcontracts have been assessed on the basis of additional detail being provided in supporting documentation.

Traffic Control

Traffic controllers are not specifically included as a classification for the wage rates in GCLR3 BPIC Appendix B, however they are a required role for the GCLR3 project which has a significant interface with traffic.

Consequently, the Independent Estimator has considered a traffic controller to be classified as a general labourer or CW1. It is noted that a traffic controller is classified by the Fair Work Ombudsman as CW2, in the Building and Construction General Onsite Award 2020.

The difference between CW1 and CW2 has been allowed as Workplace Relations Management Risk by the Independent Estimator.

If an amended GCLR3 BPIC defines traffic controllers as a CW2 then the Independent Estimator's assessment of impacts attributable to GCLR3 BPIC would increase by $2.8M, with a corresponding decrease in the Workplace Relations Management Risk allowance.

The John Holland Candy Estimate for the Baseline D&C Offer includes a shadow estimate of the manhours for traffic controllers, to which subcontractor hourly rates have been applied. The Independent Estimator has adopted these manhours and rates as the pre-BPIC baseline, with the following adjustments:

- Removal of the amount for vehicles which are not impacted by BPIC, by deducting the rate difference between a traffic controller with / without vehicle; and
- Removal of early work scope, to which BPIC does not apply.

The IE has also used the EBA for the traffic control subcontractor (Downer) used in the JH Baseline D&C Offer, to calculate the subcontractor markup on direct costs. This markup (16%) has been applied to the BPIC pricing difference, to ensure that impacts the JH Baseline D&C Offer are attributable to BPIC only

A comparison of the Independent Estimator's assessment compared to John Holland's submission is provided below:

Figure 8: Traffic Control Assessment



The variance is primarily caused by John Holland's adoption of the Lindores quote which assumes that a traffic controller will be classified as a CW2 and appears to capture other factors not attributable to GCLR3 BPIC.

Bombardier

Bombardier is a nominated subcontractor/supplier for the rail systems and additional trams. The submission provided by Bombardier is more detailed than the other subcontractors with sufficient detail to assess the impacts attributable to GCLR 3BPIC.

The Bombardier submission included:

- additional costs for direct labour; and
- prolongation costs due to program impacts.

The Independent Estimator has assessed:

- $0.6M for the BPIC uplift in labour component;
- $0.2M categorised as Workplace Relations Management Risk for 5% loss in productive time; and
- $0.4M for prolongation costs associated with additional fixed RDOs and $1.1M categorised as Workplace Relations Management Risk for loss of productive time and associated delay risks – refer to section 4 for Program Impacts.

3.3.3 Subcontractor Assessment Summary

The balance of subcontractors has been assessed as set out in Section 3.3.1. The Independent Estimator's assessment for the subcontracts is summarised by Table 3 across:

Table 3: Summary of Subcontract Assessment

Subcontract	Attributable to BPIC	Workplace Relationships Management Risk
Traffic Control	$26.6M	$2.8M
Bombardier (Rail Systems)	$1.0M	$1.4M
ITSE	$1.7M	$0.4M
Asphalt / Seal	$1.7M	$0.5M
Landscaping	$1.4M	$0.2M
TPIS & TPS Complete Solution	$1.0M	$0.2M
Track Install	$0.6M	$0.1M
Buildings	$0.6M	$0.1M
HDD – Water	$0.4M	$0.1M
Temp Traffic Signalling & Lighting	$0.3M	$0.1M
Cables, terminations & earthing	$0.1M	$0.0M
Balance of Subcontractors	$4.4M	$0.6M
Total	**$44.3M**	**$6.6M**

3.4 Direct Costs Assessment Summary

	John Holland Valuation	BPIC Assessment	Workplace Relationship Management Risk	
Direct Labour	$22.5M	$18.1M	$3.0M	• JH includes allowances for lost productive time as a result of increased union involvement (0.5 hours per day).
Wet Plant	$8.7M	$5.3M	$0.8M	• Wet plant is hiring of plant & equipment with an operator. Assume, BPIC applies to the operator. • BPIC reclassifies equipment operators to higher classifications.
Production Loss ***Direct Labour & Wet Plant***	$5.8M* **Partial Duplication*	Nil	$1.2M	• JH included further allowances for lost productivity as a result of increased union involvement • Basis of loss of production factor adopted by JH is not attributable to BPIC. • JH pricing adopted BPP provisions prior to BPIC. • IE adopted ~5% impact as a risk provisions due to the immaturity of the BPIC policy within the industry.
Subcontractors	$64.2M	$44.3M	$6.6M	• Subcontractors required to adopt BPIC conditions including the increased base rate of pay.

4 Program Impacts

4.1 Program

John Holland has assessed the impact of BPIC to the GCLR33 Completion Date by incorporating changes to the pre-BPIC Program[10]. The changes introduced by JH include:

- Additional fixed RDO arrangements;
- an allowance for loss of productive time;
- allowance for delay due to industrial relations matters;
- heat & weather requirements; and
- additional contingency.

For a change to cause an impact the program due to BPIC, it must:

- be attributable to BPIC;
- be modelled appropriately within the JH pre-BPIC program; and
- create a delay to the critical path activities in the JH pre-BPIC program.

4.1.1 Changes to RDOs

IE Assessment: 20 calendar days impact to the Completion Date due to adding a further 7 fixed RDO's per annum.

The John Holland pre-BPIC Program includes an allowance for 12 RDO's per year[11] as well as a Christmas shutdown of at least 2 weeks. This is consistent with the EBAs that John Holland committed to using for the project.

GCLR3 BPIC Clause 13.2 sets out requirements for Fixed RDOs in excess of John Holland's EBA's, including adoption of the building industry RDO calendar published annually. For the purposes of this analysis, the Independent Estimator has reviewed the CFMEU's RDO calendars for 2019 to 2021[12] which has the following impacts compared with John Holland's allowances:

Table 4: Changes to Fixed RDO Allowances (per annum)

Category	Tender Allowance	Calendar Allowance	Change
Industry RDOs	12	13	1
EBA RDOs			
Easter Shutdown	Nil	3	3
August (Show Holiday[13])	Nil	1	1
November (Melbourne Cup)	Nil	2	2
Total	12	19	7

[10] File named 03.02.02.04.04.02 210602 - GCLR3 - Sub 20 FC 04-J.xer
[11] This is explicitly stated by each calendar's title and confirmed by review.
[12]
[13] The CFMEU Calendar places the additional EBA between the Industry RDO and the Brisbane Show Holiday creating a mini-shutdown. The Gold Coast Show Holiday is typically at the end of August and the choice of taking the RDO's will be a matter subject to negotiation between the project and relevant unions.

The Christmas Shutdown adopted by John Holland in the pre-BPIC program generally aligns with the industry RDO calendar requirements.

John Holland has modelled the impact by adding in additional non-work days to its calendars. The Independent Estimator agrees that this is a valid method to model the delay.

The Independent Estimator has added the following allowances to the baseline John Holland program calendars:

- 3 days in April/May for the Easter Shutdown;
- 1 day in August; and
- 3 days in November (1 Industry RDO and 2 days EBA RDOs).

4.1.2 Industrial Relations Discrete Events Delay

IE Assessment: Nil – The IR risks described by JH are not attributable to BPIC, existed prior to BPIC and were accepted by JH in the Baseline D&C Offer.

John Holland has indicated that it anticipates an increase in project stoppages due to industrial relations matters. To address this, John Holland has introduced an additional allowance[14] to the pre-BPIC program that is:

> *"… intended to capture discrete events that may occur including industry wide action or action in response to a subcontractor or supplier (e.g. concrete supplier or crane hire), where the delay is sufficient enough to require the postponement or a change in sequencing of activities or reallocation of resources, resulting in a critical path delay"*

However, John Holland has not provided any supporting documentation to establish how this additional allowance is attributable to the GCLR3 BPIC. In the absence of supporting documentation from John Holland, the Independent Estimator has not identified a material change to the risk profile of these events.

The risks described by John Holland include non-project specific risks to GCLR3 and are likely to affect the project regardless of BPIC. The Independent Estimator has reviewed the pre-BPIC SRA analysis and has not identified a risk allowed for these events. This appears to be a tender omission, rather than an impact attributable to BPIC.

Accordingly, the Independent Estimator has categorised this a Workplace Relations Management Risk. The risk adopted by John Holland represents an unlikely and severe impact to the project.

Other project specific risks which do not appear to have been accounted for in the pre-BPIC SRA analysis include:

- specific risks identified as per John Holland's BPP commitments[15];
- union campaigns for a greenfield agreement; and
- union campaigns for increase in wages and conditions to match other significant projects within South East Queensland.

It is considered that the introduction of BPIC, materially mitigates and addresses these risks accepted by John Holland in the Baseline D&C Offer.

[14] Section 3.2 of *BPIC Program Impacts – Detailed Description* dated 7 October 2021.

[15] Appendix R17.07A Initial Workplace Relations Management Plan - Table 3

Furthermore, it is noted that John Holland's Baseline D&C Offer has relied upon EBAs that are due to expire in 2023. This introduces the risks associated with of renegotiation during the construction phase of GCLR3, that has been accepted by John Holland in the Baseline D&C Offer. This risk is now materially mitigated and addressed by the introduction of BPIC.

4.1.3 Industrial Relations Productivity Delay

IE Assessment: Nil – Impacts described by John Holland are not attributable to GCLR3 BPIC and are considered unlikely to affect the critical path.

John Holland has:

> *assumed an overall reduction in available productive time of half an hour per day (or 5%) across the duration of the program.*

This is consistent with John Holland's submissions with regards to direct labour costs. However, the reasons provided by John Holland are not attributable to BPIC as summarised in the following table:

Table 5: Extract from John Holland Program Submission

JH Stated Cause	IE Comment
Increased consultation requirements for any proposed workplace change and broadened dispute mechanism with a 'status quo' provision to delay any changes;	This is a workplace relations administrative matter that is covered by the BPP – Best Practice IR. When managed proactively, workforce consultation does not result in critical path production losses on site.
A prescriptive and exhaustive WHS issues and dispute resolution process;	John Holland has committed to BPP - Best Practice Safety. No specific reference to GCLR3 BPIC is made nor how it would not apply.
Impairment Policy (AOD testing);	John Holland has committed[16] to: *… meet the more onerous requirements of a Commonwealth funded project as defined in John Holland-APP-WHS-015-02 "Alcohol and Other Drugs".* This means that John Holland committed to complying with requirements of the *Code for the Tendering and Performance of Building Work 2016.* Schedule 4 (6) of the code requires that: *… the requirement that, as a minimum, frequent and periodic testing (at least once per month) of the workforce (both construction workers and site office workers) will be as follows:* *(i) where there are less than 30 workers on site – at least 10% of the workforce;* *(ii) where there are 30 to 100 workers on site – a minimum of 5 workers per month; and*

[16] Appendix R17.07A Initial Workplace Relations Management Plan

JH Stated Cause	IE Comment
	(iii) where there are greater than 100 workers on site – a minimum of 10 workers per month. This is the same requirements as GCLR3 BPIC, with the difference being that GCLR3 BPIC is more specific in specifying additional testing where positive tests occur consecutively. Regardless of BPIC, John Holland had the obligation to undertake the nominated testing.
Increased consultation with Union Delegates;	Consultation with Union Delegates does not cause the work as whole to stop. Costs associated with non-working time of Union Delegates addressed as part of indirect costs.
Increased frequency of HSC meetings likely to extend the period of non-work leading up to or prior to recommencement of inclement weather events (both forecast and actual), along with the introduction of additional HSE initiatives or protocols.	HSC meetings, initiatives and protocols are covered by the BPP – Best Practice Safety and, if managed proactively are expected to be undertaken without delaying the works.

The Independent Estimator has allowed these items as Workplace Relations Management Risk.

4.1.4 Heat & Weather

IE Assessment: Nil – Requirements quoted are not required under the GCLR3 BPIC. Further, analysis shows a long term average of less than 1 hour exceedance per year.

John Holland has included an allowance for extreme weather based on clauses included in the general Transport BPIC document. These clauses have not been included in the GLCR3 BPIC.

As such, this item has been excluded from the assessment of BPIC impacts. However, the Independent Estimator has reviewed John Holland's submission and analysis and makes the following comments.

The analysis relies upon 14 months of daily Bureau of Meteorology weather observations. 14 months of climate data is considered insufficient to draw realistic conclusions for the project.

The observations are from the weather stations at the Gold Coast Seaway and Coolangatta. A review of the locations show that the Gold Coast Seaway station is approximately 10km from the northern end of the job, while the Coolangatta Station is 10km from the southern end. Accordingly, the weather stations selected are relevant.

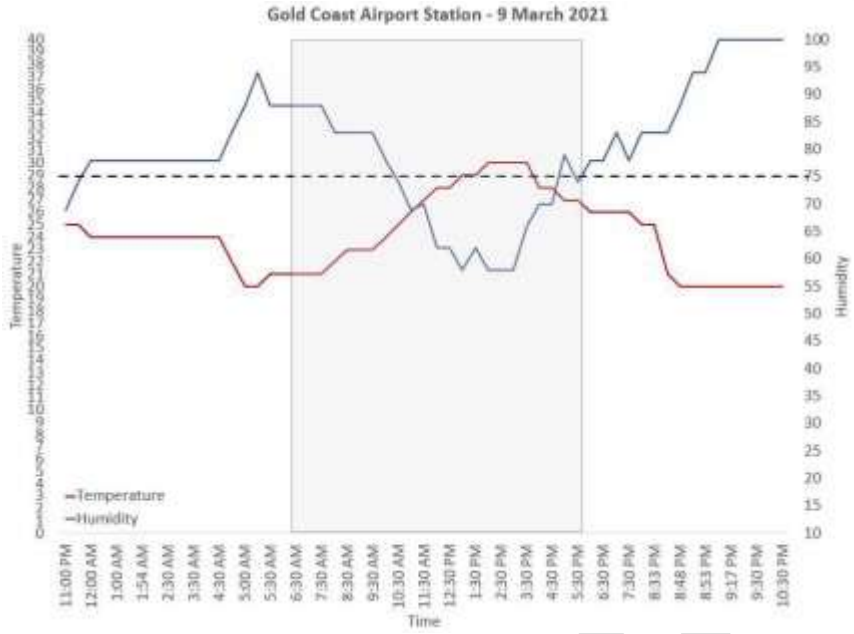
The observations include the following data:

- Maximum Temperature;
- Wind speed directions
- Temperature and Relative Humidity readings at 9am and 3pm.

John Holland's analysis identifies 6 days per year when the maximum temperature exceeds 29C and the humidity exceeds 75% at either 9am or 3pm. This is inconsistent with the criteria proposed by the Transport BPIC.

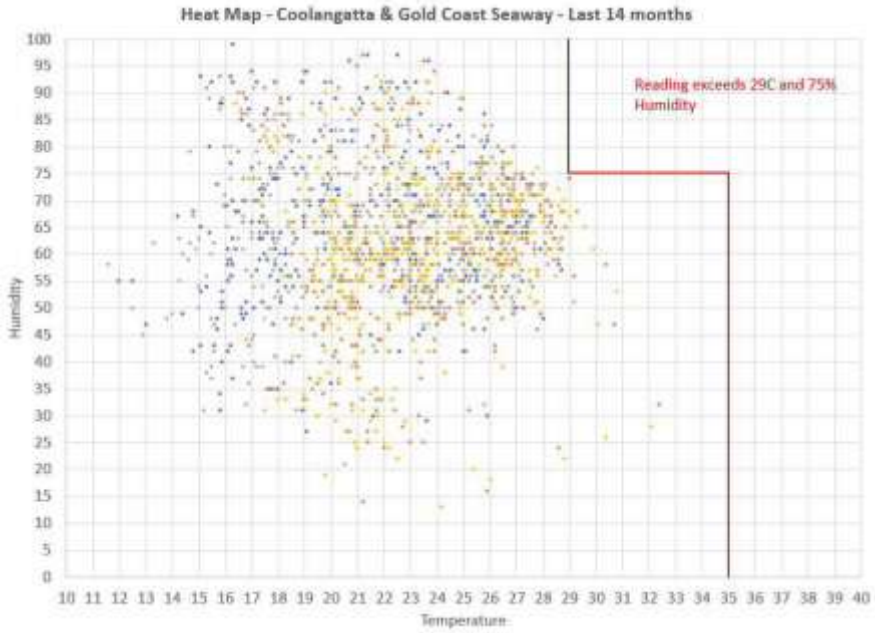
It is noted that temperature and humidity fluctuate throughout the day. Maximum temperature is unlikely to correspond with peak humidity, as shown below:

Figure 9: Example of Temperature / Humidity Hourly Readings



An analysis of the data relied upon by John Holland does not identify any exceedance events over the past 14 months.

Figure 10: Heat Map – John Holland Relied Upon Data



The Independent Estimator has also purchased an additional dataset from Meteoblue which includes hourly data from the last 35 years. This weather station is 5km from the northern end of the project.

An analysis of the data during this period reveals that only 32 hours exceed 29C and 75% humidity thresholds at the same time. Therefore, the long-term average is less than1 hour per year. Consideration of the following factors and exclusion from the data, would further reduce this level of assessment:

- exceedance before 3 hours of shift commencement;

- exceedance correlating with wet weather;
- exceedance within Christmas shutdown periods.

Accordingly, the Independent Estimator is of the opinion that the risk of exceedance is very low.

4.1.5 Contingency

IE Assessment: Nil – John Holland claimed impacts not attributable to GCLR3 BPIC and show a decrease in risk.

The pre-BPIC Baseline Program includes contingency at 106 calendar days[17], which John Holland stated to represent a P80[18] assessment. This was supported by a schedule risk analysis (SRA) which John Holland has provided.

The IE notes the following:

- the initial outputs of the Baseline SRA provided by John Holland suggest that an analysis was undertaken at some point in time using Oracle Primavera Risk Analysis[19]&[20] however;
  - it is unclear how this SRA was used and whether it was in support of the Baseline Program;
  - the native copy of this file was not provided to the Independent Estimator; and
- the native copy of the Safran[21] risk file supplied does not use the Baseline Program as provided by the State;
  - the duration from the deterministic completion date to the P80 completion was shown to be 110 calendar days[22];
  - inquiries were made to John Holland regarding these discrepancies but no satisfactory answer was provided.

John Holland has included an impact of an additional 9 working days in its program assessment. To support this item, John holland provided a further schedule risk analysis and the native copy of the associated Safran file.

The program associated with the Safran file does not align with the BPIC impact program submission made by John Holland.

This further SRA included risks that are not attributable to BPIC:

- procurement risk – no supporting documentation has been provided for this risk.
- further IR risk over and above the allowance set out in section 4.1.3 above.

Notwithstanding, these issues, the Independent Estimator notes that the revised SRA shows a decreased duration from the deterministic completion to the P80 completion at 108.6 calendar days[23].

In summary, the Independent Estimator has reviewed both files, run the schedule risk analysis again, and found that an increased duration between the deterministic and P80 completion dates was not substantiated.

[17] As per Activity CO-MS-SPB-1240 *D&C Contractor (JH) - SPB - Contractors' Contingency (Work Days)* which has a duration of 67 working days.
[18] A P80 risk assessment forecasts the date that 80% of scenarios will finish by or before.
[19] Primavera Riks is a proprietary software product used for valuing risk.
[20] The file appears to be titled '*200923 GCLR-SRA 16 Stg3 – KeyDep/TelecomProfile/DelayPrefr/DICL/OF3/OM (Post-mitigated)*'
[21]
[22] As measured against CO-MS-S3-300 *Completion excl Temp Works and Minor Defects*
[23]

The Independent Estimator considers that the introduction of further SRA risk is not attributable to BPIC.

DRAFT

4.3 Program Impacts Assessment Summary

	John Holland Valuation		BPIC Assessment		Workplace Relationship Management Risk		IE Comments / Notes
	Completion	Impact (CD)	Completion	Impact (CD)	Completion	Impact (CD)	
Baseline Program	30-May-25		30-May-25				
Additional RDOs	23-Jun-25	24 [18WD]	19-Jun-25	20			• Additional 7 non-working days per year as per industry calendar. Variance appears to be other John Holland adjustments to calendar.
Workplace Relations Management Risk - Productivity	8-Aug-25	46 [36WD]	19-Jun-25	Nil	1 Aug 25	43	• JH impacts are administrative issues not attributable to BPIC. Impact to critical path needs to be demonstrated.
Workplace Relations Management Risk – Discrete Event Delay	26-Aug-25	18 [15WD]	19-Jun-25	Nil	25 Aug 25	24* *Unlikely to be attributable to BPIC	• JH identified industry wide action and actions against individual subcontractors not attributable to BPIC • Considered to be BPP – IR – low likelihood of BPIC impact.
Additional Contingency	9-Sep-25	14 [9WD]	19-Jun-25	Nil	25 Aug 25	Nil	• JH allowances above already allow additional risks to project.
Heat Risk	1-Oct-25	22 [18 WD]	19-Jun-25	Nil	25 Aug 25	Nil	• Not included in GCLR3 BPIC. • Analysis of weather records relied upon John Holland show zero exceedance over past 14 months.

5 Indirect Cost Impacts & Time Related Costs

5.1 Increased Duration for Time Related Costs

IE Assessment: $3.1M attributable to BPIC

- **Variances driven by program assessment.**
- **Additional wet weather delays not considered for prolongation due to additional fixed RDOs.**

5.1.1 Time Related Indirect Costs

Due to the program assessment showing an increased duration of 20 calendar days for Fixed RDOs (refer to section 4) there is an expected increase in time related costs included in the JH Baseline D&C Offer for items such as:

- staff;
- offices & facilities;
- light vehicles; and
- other project running costs.

The Independent Estimator has assessed the pre-BPIC daily costs for each of the items noted above and applied the increased program durations on a line by line basis, as per the program assessment.

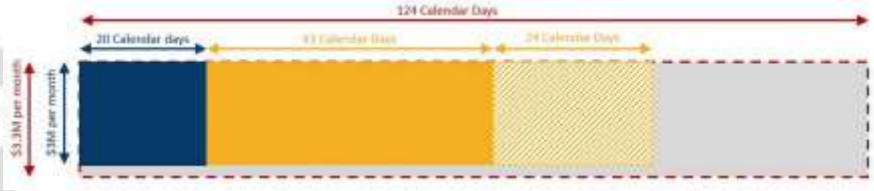
This resulted in an overall assessment of:

- $2.4M attributable to BPIC as caused by the requirement of additional fixed RDOs;
- $6.9M as Workplace Relations Management Risk.

The remaining variance is primarily caused by the difference in program assessments. However, John Holland has also adopted additional staff and uplifts which are considered in the following sections.

Figure 11 shows a summary of the time related cost variance, with the program assessment variance running horizontally and the average aggregate daily indirect cost rate variance running vertically.

Figure 11: Summary of Assessment



5.1.2 Time Related Direct Costs

In addition to the items covered in section 5.1.1 above, JH has introduced further time related costs from the Baseline D&C Offer that are also expected to increase due to the program assessment showing an increased duration:

- Traffic barriers; and
- Maintenance crews (environmental / traffic);

The Independent Estimator has assessed the pre-BPIC daily costs(making an adjustment for traffic controller BPIC uplift) and applied the increased durations as per the program assessment.

This resulted in an overall assessment of:

- $0.7M attributable to BPIC caused by the requirement of additional fixed RDOs;
- $1.9M as Workplace Relations Management Risk.

5.1.3 Fixed Time Delays

John Holland has included an allowance for additional labour costs associated with inclement weather events due to additional time spent on site due to program impacts.

As per the program assessment in section 4 above, the Independent Estimator has only assessed additional time attributable to GCLR3 BPIC for additional fixed RDOs.

No additional wet weather is attributable to this item.

The Independent Estimator has assessed $1.5M for Workplace Relations Management Risk.

5.2 Additional Staff Costs

IE Assessment: $3.1M attributable to BPIC

- **JH inclusion of positions and uplifts in excess of GCLR3 BPIC requirements.**

5.2.1 Additional Staff Positions

John Holland has included additional staff in the Revised D&C Offer that are not attributable to GCLR3 BPIC and has not provided supporting documentation for these positions. Table 6: Summary of Additional Staff Positions

JH Additional Positions	IE Assessment
Personnel – increase in Safety staff to labour ratios • Allow 1 x Senior Safety Advisor • Allow 2 x Safety Advisors (north / south)	Not attributable to GCLR3 BPIC. Strict commitments to Best Practice - Safety is already required by BPP. However, IE has allowed an additional Senior Safety Advisor within Workplace Relations Management Risk.
• Allow 1 x Superintendent	Not attributable to GCLR3 BPIC and no supporting documentation provided.
• Allow 1 x Civil Construction Manager	Not attributable to GCLR3 BPIC and no supporting documentation provided.
• Allow 1 x Senior Contracts Administration • Allow 2 x procurement admin (north / south) 12+6 months • Allow 1 x Payroll officer	Not attributable to GCLR3 BPIC. However, IE has allowed the following positions as a Workplace Relations Management Risk: • A senior contracts administrator for educating subcontractors on the requirements of BPIC and assessing BPIC application in the procurement process.

JH Additional Positions	IE Assessment
	• A payroll officer for JH BPIC compliance implementation and payment verification for subcontractors under the D&C contract.
• Allow 2 x Project Engineers (north / south)	Not attributable to GCLR3 BPIC and no supporting documentation provided.
• Allow 1 x IR manager	Consultation with IR practitioners confirm that additional consultation may be required in conjunction with the initial implementation of a multi-union agreement. The addition of an IR Manager in the IE assessment is attributable to GCLR3 BPIC due to the Appendix A definition of union including 5 listed unions.

5.2.2 Additional Staff Costs

John Holland has included uplifts and site allowances for all staff. The Independent Estimator notes that provisions regarding increases to John Holland staff remuneration are not attributable to BPIC.

Table 7: Additional Staff Cost Assessment

Additional Staff Cost	Assessment
• Increase in staff turnover from 20% to 25%	Not attributable to GCLR3 BPIC and nor supporting documentation has been provided for this cost. The project always had a union presence which John Holland acknowledged[25].
• Relocation of resources from Victoria	Victorian experience is not attributable to GCLR3 BPIC and is not relevant to the Queensland market.
• Increase to Supervisor, Safety Manager, Safety Advisor, Safety Coordinator TFR	Increase payments to salaried staff is not attributable to GCLR3 BPIC. The Independent Estimator has considered an uplift allowance in the TFRs for workforce and safety supervision as a Workplace Relations Management Risk.
• Allow 10% site allowance across all staff to maintain a gap between labour force and staff force	Additional payments to salaried staff is not attributable to GCLR3 BPIC. General retention of salaried staff is considered to be related to market factors other than BPIC.
• Training "IR for leaders"	This is considered to be part of BPP – Best Practice IR. However, the Independent Estimator has allowed $0.1M as a Workplace Relations Management Risk. It is likely to be

[25] Section 11 of John Holland's Appendix R17.06A Initial Employment Relations Management

Additional Staff Cost	Assessment
	more cost effective to fly a trainer to the Gold Coast rather than staff to Melbourne.
• Longer Inductions / onboarding	The Independent Estimator has allowed additional induction time attributable to GCLR3 BPIC – 1 hour for cultural awareness training and 1 extra hour of additional (unspecified) training as Workplace Relations Management Risk.
• Additional Training	Additional training courses have been allowed for based on relevant training providers[26].
• Additional Peggy Allowances	The increase in cleaning requirements is considered to be due to reasons other than GCLR3 BPIC – e.g. additional cleaning is part of the JH COVID Management Plan.
• Operator for IJC 25T franna	Not attributable to GCLR3 BPIC and John Holland has provided no supporting documentation to substantiate this impact.
• Union delegates	John Holland has allowed for union delegates to be 100% non-productive. The Independent Estimator has allowed 20% non-productive time for union delegates following consultation with IR practitioners and confirmation that BPIC allows for working union delegates only. An additional 20% non-productive time has been included as a Workplace Relations Management Risk.
• HSR Offices	Not attributable to GCLR3 BPIC and John Holland has provided no supporting documentation to substantiate this impact. HSRs are addressed in the JH commitments to BPP – Best Practice Safety.

5.3 Risk & Opportunity

John Holland has included additional Risks provisions that are not attributable to the GCLR3 BPIC document, as summarised in Table 8:

Table 8: Additional risks identified by John Holland

Claimed Risk	Assessment
Increases to Staff Site Allowance. John Holland consider an increase in wages will result in an increase in Site Costs.	This risk is not attributable to the GCLR3 BPIC which does not set out rates of pay for staff. This appears to be a risk raised in response to market forces.
An additional dogman in the drainage crew	This risk is not attributable to the GCLR3 BPIC.

[26] https://www.futureskills.asn.au/courses.html

Claimed Risk	Assessment
	No basis was provided to support the position.
Paid Family Violence Leave. John Holland has relied on references 'Transport BPIC' in assessing the risk.	The Transport BPIC does not form part on the GCLR3 BPIC document. No reference to such leave exists in GCLR3 BPIC. This has been included as a Workplace Relations Management Risk.
Drug & Alcohol Testing Nurse	John Holland committed[27] to: meet the more onerous requirements of a *Commonwealth funded project* as defined in John Holland-APP-WHS-015-02 "Alcohol and Other Drugs". This means that John Holland committed to complying with the *Code for the Tendering and Performance of Building Work 2016.* Schedule 4(2) of the code requires the use of objective medical testing methods. This has been allowed as a Workplace Relations Management Risk.
John Holland has included further delay provisions associated with the Heat Policy. John Holland has relied on references 'Transport BPIC' in assessing the risk.	Transport BPIC does not form part on the GCLR3 BPIC document. No reference to heat and humidity events exists in GCLR3 BPIC. As set out in sections above, there have been no material exceedance events over the past 30 years.
Additional Wages for Truck Drivers	Delivery drivers are expressly excluded from GCLR3 BPIC. No supporting documentation was provided to support John Holland's position.
An additional 5 days delay was included as a schedule risk analysis risk.	This additional 5 days does not align with John Holland's program submission. As set out in Section 4.1.5 above, additional duration due to the SRA is not supported.

5.4 Contract Value Allowances

John Holland has included amounts which are based on the overall project value which include:

- Bank Guarantees, Portable Long Service Leave, Safety, Defect Rectification;
- Safety Allowance
- Unallocated risk contingency

[27] Appendix R17.07A Initial Workplace Relations Management Plan

- Estimating / Budget uncertainty
- Business unit project support costs

The Independent Estimator has included amounts based on percentages from the John Holland Baseline D&C offer for these items on the basis that:

- it is common practice to include allowances of this type in a Contractor's bid;
- the allowances made in the baseline offer appear to be reasonable industry norms; and
- the overall contract value has increased due to reasons attributable to BPIC as described in sections above.

5.5 Escalation

John Holland has included amounts for escalation for various costs using indexation over time in its Baseline D&C Offer. The method used by John Holland to calculate the escalation is considered to be appropriate.

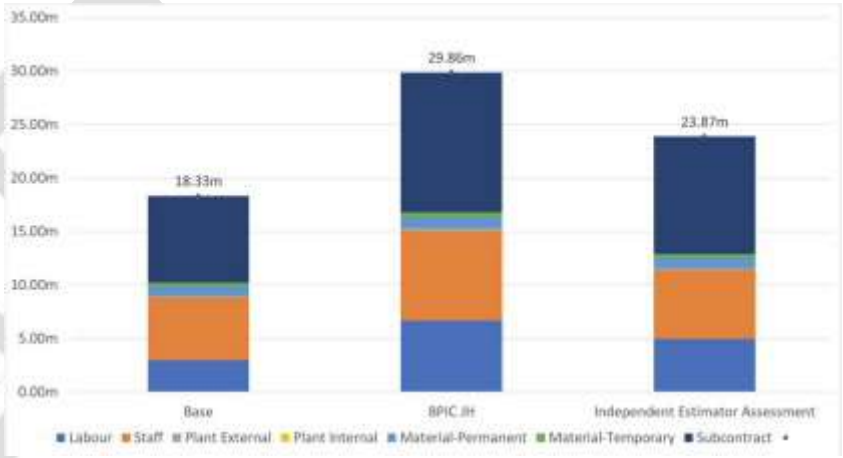
John Holland has also provided a revised calculation with its BPIC assessment.

The indices used in both the baseline proposal and BPIC impacts calculation are considered to be comparable and reasonable. Changes between the two calculations were due to the change in labour escalation set out by GCLR3 BPIC including clauses 15, 16 & 22.

Key variances between John Holland and the Independent Estimator assessment are due to:

- John Holland escalating amounts not attributable to BPIC, as set out in previous sections
- The Independent Estimator assessing only the BPIC Attributable Amounts against the JH Base case cashflow, impacted by the RDO delay.

Figure 12: Escalation summary



Key variances are limited to the amount and durations applicable to escalation.

5.6 Bid Preparation

John Holland has set out that it has incurred additional costs in preparing its valuation of the impact of BPIC. No supporting documentation has been provided to the Independent Estimator detailing an itemised breakdown.

The Independent Estimator acknowledges that John Holland has expended additional resources in preparing this proposal. Accordingly, the Independent Estimator has allowed this cost as claimed by John Holland, however this should be subject to full substantiation of actual costs, reasonably and properly incurred.

5.7 Indirect Costs Impacts & Time Related Costs Assessment Summary

	JH Valuation	IE Assessment	Workplace Relations Management Risk
Indirects Time Related	$14.8M	$2.4M	$6.9M
Manual Indirects Time Related	$4.7M	$0.7M	$1.9M
Fixed Time Delay	$5.3M	Nil	$1.5M
Additional Staff	$8.1M	$1.2M	$1.8M
Staff Uplift	$4.2M	Nil	$2.6M
Additional Indirect Labour	$6.0M	$1.4M	$1.4M
Delegates & HSRs	$4.5M	$0.4M	$0.4M
R&O and SRA	$5.7M	Nil	$0.2M
Escalation	$11.3M	$5.5M	$3.8M

	JH Valuation	IE Assessment	Workplace Relations Management Risk
Bid Preparation	$1M	$1M	Nil
Other	$1.3M	$0.2M	
Fees, Guarantees & Insurances	$3.0M	$1.1M	$0.5M
Contingencies	$3.9M	$1.8M	$0.7M
Margin	$18.8M	$8.7M	$3.5M

6 Observations and Key Variances

6.1 IE General Observations and Comments

- John Holland committed to the Best Practice Principles in its Baseline D&C Offer, prior to the introduction of BPIC. However, there appears to be instances where the John Holland Revised D&C Offer includes duplication of the costs to implement the BPP commitments that it has made.
- The approach taken in the John Holland Baseline D&C Offer of adopting the existing John Holland EBA presents significant risks in the project in the pre-BPIC environment, including:
  - it is significantly lower than contemporary major project rates
  - may be inadequate to attract and retain sufficient a highly skilled, experienced and motivated workforce as required by the BPP – Best Practice IR
  - it is likely to cause a moderate to high risk of a requirement to negotiate a project specific agreement (pre-BPIC).
- These risks are significantly mitigated by the introduction of BPIC, which seeks to ensure that:

  … a workforce with optimal levels of skills and experience can be attracted and retained for project delivery.

  The benefits and opportunities for risk mitigation has not been recognised by John Holland in its BPIC impact assessment and pricing.
- John Holland has adopted subcontract pricing in its Revised D&C Offer, which
  - has been obtained through informal rather than competitive processes;
  - has been obtained from different subcontractors to those used as the basis for the Baseline D&C Offer; and
  - has achieved very limited market coverage.

  In the absence of supporting documentation, such pricing is not considered to accurately reflect the impacts attributable to BPIC only.
- It is noted that the GCLR3 BPIC is intended to:

  … ensure that relevant stakeholders can interact in a positive, collaborative and productive way through to successful project completion.
- On the other hand, the John Holland Revised D&C Offer includes layers of cost and risks with potential overlap between costs allowed for mitigating and managing BPIC risks and the consequences of the risk being realised if it was not being managed properly.
- The Independent Estimator's allowance for Workplace Relations Management risk factors is currently based on the 'unmitigated' risk position adopted by John Holland in its Revised D&C Offer. It is expected that significant opportunity exists to mitigate these risks and reduce the overall BPIC impacts during detailed project planning and implementation.

6.2 Key Variances between IE and JH Assessments

Table 9: Summary of Variances

Category	Variance	
Time related costs	$11.6M	• Driven primarily by the difference in program assessments: – Heat and humidity risk is not included in the GCLR3 BPIC & analysis of data suggests long term average of 1 hour exceedance per year at most.
Traffic Control Subcontract	$7.8M	• Traffic controllers allowed as CW1 rather than CW2. However, the increase associated with a reclassification to CW2 is included as a Workplace Relations Management Risk. • The remaining variance is considered by the IE to be driven by other factors as previously set out in section 3.3.3 of this report.
Additional Staff & Uplift	$6.7M	• John Holland has included additional staff to manage the original scope of works which cannot be attributed to BPIC. • GCLR3 BPIC does not address rates of pay for salaried staff.
Margin	$6.1M	• Variance is driven by difference in overall BPIC Impact assessment.
Other Subcontract Variances	$5.6M	• Variance driven by assessment methodology: – The Independent Estimator has made its assessment from first principles; whereas – John Holland has relied on market quotes without supporting documentation to ensure all impacts are attributable to BPIC only.
Risk & opportunity	$5.6M	• The additional risks included by John Holland value issues which are not attributable to BPIC.
Production loss	$4.7M	• John Holland has included production losses to drainage, civil and pavement works without supporting documentation.
Labour & Wet Plant	$4.1M	• Production loss appears to be duplicated within calculations for direct labour and wet plant. • Plumber reallocation is not attributable to BPIC. • Other miscellaneous variances.

Category	Variance	
HSRs & Union Delegates	$3.7M	• John Holland has assumed that Union Delegates will be non-working, while the Independent Estimator has allowed productive time. • Health & Safety Representatives are not attributable to BPIC (HSRs were already required by BPP commitments[28]).
CV Related Costs	$2.8M	• Variance is driven by difference in overall BPIC Impact assessment.
Inductions & Training	$1.1M	• John Holland allowances exceed the durations attributable to BPIC.
Additional peggies & franna drivers	$2.1M	• Additional peggies & Franna drivers not attributable to BPIC.
Total	**$4.7M**	• Note - total variance identified in John Holland BPIC Impact Summary exceeds total variance between the Baseline and Revised D&C Offers due to duplications between categories.

6.3 Verification of JH Commitments

Approximately 60% of the impacts attributable to GCLR3 BPIC as listed previously will be passed on to workers (subject to demonstration of compliance by John Holland).

John Holland has not set out procedures for its

It is expected that as a minimum John Holland would be expected to:

- receive commitments in its contracts with subcontractors and suppliers, that any payments made in relation to BPIC will actually be passed on to works, including any lower tiers of its supply chain; and
- actively and positively verify those commitments have been implemented; and
- facilitate and support independent open book audits to verify all BPIC related payments have actually been passed on to workers.

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Appendix Section

A	Terms of Reference
B	Information Relied Upon
C	Best Practice Principles
D	Further Supporting Documents

Appendix A Terms of Reference

Appendix B Documents Relied Upon

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Table 10: Documentation received from the State

Date	Document Name
2/06/2021	Pricing Proforma_07_06_2021 submission
5/06/2021	Third DC Commitment Deed Poll - JH signed
1/09/2021	GCLR3 Impact Assessment Potential Suppliers by Work Package - Statuses 210831
7/09/2021	Order of Magnitude Impact Assessment_Sept2021
7/09/2021	GCLR3 BPIC Impact Assessment OoM Assumptions 210831
7/09/2021	210903 - GCLR3 - Sub 21 RFC5781 FC 04-Jun -- -- OF Rev 6 OM Rev 7 --
7/09/2021	RFC GCLR3 BPIC Combined
7/09/2021	GCLR3 BPIC Calendar_Sept21
7/09/2021	GCLR3_BPIC_Impact_Assessment_AppB
7/09/2021	BPIC Independent Estimator - ToR FINAL
9/09/2021	GCLR3_BPIC_Impact_Assessment_FINAL
10/09/2021	GC LR Stage 3 D&C Tenderer Probity & Process Deed Poll
10/09/2021	GCLR3 Impact Assessment Potential Suppliers by Work Package 210903
10/09/2021	BPIC OoM - State RFI_JH Response
27/09/2021	210430 RFC_3499.13 Basis of Schedule_clean
27/09/2021	Attachment A - 210217 - WBS Levels
27/09/2021	Attachment C - 210427 - Hard and Soft Lags
27/09/2021	Attachment D - 210115 - Management Plans
27/09/2021	Attachment E - 210427 - Activity Duration Groupings
27/09/2021	Man Hour Proforma 11_05_21
27/09/2021	PSR Annexure 4 Part 2 - Attachment 1 - D&C Program v1.4
27/09/2021	GLQ R23 Attachment 23.02B - Draft COVID-19 Mitigation Plan (Schedule 28)
27/09/2021	GLQ R28 Best Practice Principles (Stage 3)_20200929
27/09/2021	PSR Annexure 17 Part 2 - Appendix A - Contract Management v2.2
27/09/2021	PSR Annexure 17 Part 2 - Coversheet - Contract Management v2.2
27/09/2021	R17.02A JHG_ProjMgt Plan_PostTender Update
27/09/2021	R17.04A_JHG_ProjTrainMgtPlan
27/09/2021	R17.06A_JHG_EmplRelMgtPlan
27/09/2021	R17.07A_JHG_WorkplaceRelationsManagement Plan
27/09/2021	R28.2_JHG_BestPracticeApprent&Trainee
27/09/2021	R28.3_JHG_BestPracticeIndRelat

Date	Document Name
27/09/2021	R28.4_JHG_ComplProcTend&GovPol
27/09/2021	R29.01_to_29.02_JHG_LocBen
27/09/2021	R29.01A_JHG_LIPP
27/09/2021	Response to Best Practice Industrial Relations_final
28/09/2021	Appendix R03.03A_JHG_Safety_MgtPln
28/09/2021	Appendix R03.03B_JHG_WHS_MgtPln
28/09/2021	Appendix_28.01A_To_E
28/09/2021	PSR Annexure 3 Part 2 - Attachment 1 - Safety Management v2.2
5/10/2021	BPIC Dec2020
8/10/2021	Overview of Brisbane Metro and GCLR3 BPIC
8/10/2021	3439-7902-0310-v5 - GCLR - Deed Poll - John Holland DC Offer_JH

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Table 11: Documentation received from John Holland

Date Received	Filename	Description of Documents
24/09/2021	GCLR BPIC - Subby Summary	Partial Tender Basis (View only files) & BPIC Price Impact Summary
24/09/2021	BPIC Price Impact	
24/09/2021	GCLR BPIC - Labour Rates	
24/09/2021	GCLR BPIC - asphalt price	
24/09/2021	GCLR BPIC - traffic rates	
24/09/2021	BPIC Price Impact	
27/09/2021	Labour Rates - GCLR BPIC_V01	BPIC Labour Rates
29/09/2021	GCLR Base - resource list.pdf	Resourcing and Indirects
29/09/2021	GCLR Base + BPIC - resource list.pdf	
29/09/2021	IJC comparision.xlsx	
29/09/2021	GCLR Resource List	
30/09/2021	Labour Rates - GCLR BPIC_V02	R&O, Escalation, Schedule, & Updated Subbies and Schedule
30/09/2021	GCLR BPIC - Risk Register	
30/09/2021	GCLR Fixed Time Delay	
30/09/2021	GCLR BASE - Escalation	
30/09/2021	GCLR BPIC - Escalation	
30/09/2021	BPIC Subby Impact_V02.xlsx	
30/09/2021	210929 - GCLR3 - BPIC + HEAT Full.pdf	
30/09/2021	GCLR Staff Histogram Tender + BPIC	
30/09/2021	210929 - GCLR3 BPIC plus Heat --.xer	
30/09/2021	GCLR Temp Traffic Costs	
1/10/2021	GLCR Base - R&O.xlsm	Subbie Quotes, R&O, JH EA, & BPIC Impact, Updated Resourcing (V2) and Indirects (2)
1/10/2021	John Holland QLD EA	
1/10/2021	BPIC Price Impact_02_10_21.xlsx	
1/10/2021	IJC comparision_V02.xlsx	
1/10/2021	GCLR Resource List_V2.XLS	
1/10/2021	GCLR BPIC Quotes.zip	
2/10/2021	GCLR BPIC Quotes	
6/10/2021	GCLR Stage 3A Rates	Traffic Subbie Rates

12/10/2021	210602 - GCLR3 - Sub 20 FC 04-Jun OF Rev 6 OM Rev 7	Schedule & Updated BPIC Impact and Indirects (V03)
12/10/2021	FW P6 Query	
12/10/2021	_BPIC Price Impact (1)	
12/10/2021	IJC Comparison_V03	
12/10/2021	Pricing Tracker BPIC Submission_V02	
13/10/2021	210929 GCLR3 SRA Rev23b Safran Risk Model	Schedule Risk, BPIC Staffing Schedule, & Updated Risk and Subbies
13/10/2021	210505 GCLR3 SRA#20 Safran Risk Model	
13/10/2021	210929 GCLR3 P00287-SRA-023b	
13/10/2021	210505 GCLR3 SRA#20 P00287-SRA-020	
13/10/2021	Staff Candy Histogram	
13/10/2021	GCLR - BPIC Risk Register R02	
13/10/2021	BPIC Subby Impact_V03	
13/10/2021	GCLR Temp Traffic Costs	
14/10/2021	BPIC Price Impact_V03	Updated BPIC Impact
19/10/2021	GCLR SUBBY RESOURCE COMP	Subbie Resources
21/10/2021	Pricing Tracker BPIC Submission_VO2	Updated Pricing Tracker (V2)

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Appendix C Best Practice Principles

Best Practice Principles

The Best Practice Principles: Quality, Safe , Workplaces (BPP) was introduced by the Queensland Government in 2018. All government agencies covered by the Queensland Procurement Policy (QPP) must apply the BPP to major project of $100 million or more.

The BPP include:

- Best practice workplace health and safety (WHS) systems and standards
- Best practice commitment to apprentices and trainees
- Best practice industrial relations (IR)

The BPP requires agencies to apply the BPP when appointing contractors and contractors will undertake to apply the BPP to subcontractors and suppliers performing work under the contract.

Agencies already requiring contractors to apply the QPP when awarding contracts within the project, will also include explicit contractual provisions which require the application of the BPP.

Therefore, the BPP must be applied by the contractor on the GCLR3 project.

Application of the BPP

Application of the BPP was included in the competitive procurement process for the GCLR3 project and JH has provided various commitments to apply the BPP, including the application of BPIC to the selection and management subcontractors, the management of workforce (including subcontractors) on site, proposed arrangements for employment and initial management plans for the BPIC elements.

Based on JH BPP commitments:

- best practice WHS is understood to include – the application of leading industry systems and standards that ensure safe and productive workplaces on the project
- best practice IR is understood to include - the application of contemporary market competitive wage rates and conditions to the project workforce (including subcontractors) and a consultative management approach, that attracts and retains a highly skilled and motivated workforce to the project.

Proposed conditions of contract for the GCLR3 project include provisions that require JH to fulfil the commitments made in relation to the BPP.

John Holland Best Practice Commitments – Industrial Relations

John Holland has noted the successful management of its employees and employee representatives, with zero lost time due to industrial action in jurisdictions with higher levels of union activity (Canberra Light Rail).

John Holland has undertaken to achieve its BPP commitments through the procurement process, selection and management of quality and experienced subcontractors .

It is noted from the BPP-IR commitments that John Holland has identified potential industrial relations risks (and associated mitigation measures) including (BPPIR p4):

- Not providing sufficient analysis and screening of subcontractors from an employee relations and BPP perspective
- Inadequate management of occupational safety and environmental issues
- Not providing an adequate response to, or resolution of, issues raised by unions with membership on the project
- Protected industrial action by subcontractors
- Unprotected industrial action in advance of claims relating to Project or industry-wide conditions
- Workforce participating in industrial action carried out under 'WHS' concern
- Sufficient amenities issues
- Union claims for 'Project Agreement' to cover subcontractor employees
- Grievances between direct hire and labour hire workforce employees regarding terms and conditions

The existence of these known risks and associated mitigation and management of these risks is therefore understood to be included and allowed in the John Holland Baseline D&C Offer, however the Independent Estimator was unable to identify any quantitative assessment or allowance for these risks in the pre-BPIC pricing.

It is therefore considered that the introduction of BPIC provides a material mitigation of the risk profile assumed and allowed by JH in the Base Offer pricing (e.g. likely risk of the JH Enterprise Agreement being inadequate to attract and retain a highly skilled and motivated workforce with associated productivity and time related issues, and making it necessary for a project agreement at contemporary industry rates for a major project of this scale, profile and complexity).

It is also noted that this reduction in base risk profile will serve to off-set any perceived increase in Workplace Relations Management Risk potentially associated with BPIC (e.g. multi union agreement).

In particular, this base case risk reduction and offset of potential secondary BPIC risks, has not been recognised in the JH pricing of BPIC impacts which is consequently considered to be potentially overstated in this regard.

John Holland Best Practice Commitments – Workplace Health & Safety

John Holland has committed to the highest standards of safety management, including in the procurement process, selection and management of its subcontractors.

It is noted from the BPP-IR commitments that JH has identified specific workplace practices in relation to WHS:

- The importance of regular and effective communication and consultation with workforce (including subcontractors) on safety issues
- Processes and consultative forums for health and safety management arrangements
- Allocated roles and responsibilities for workforce consultation on safety matters
- Consultation with workforce on the establishment of workgroups at each controlled workplace
- Consultation with workforce on the nomination, election and appointment of HSRs for each discrete workgroup

- Engagement of HSRs in general workplace activities (e.g. post-weather inspections, incident investigation and actions, inspections, review equipment and WHS management arrangements, etc.)
- Provisions for HSR to intervene and involve the WHS committee, in the event WHS issues or disputes being identified
- Establishment and operation of WHS committees for multiple workplaces
- Grievance process and issue resolution pathway

Specific COVID management provisions including:

- requirements for additional frequency of cleaning and sanitising
- recognition of the need and provision for additional facilities, amenities and workplace practices to maintain social distancing

Independent Estimator's Review

There is a possibility that John Holland's BPIC impact valuation and pricing may include duplication of costs understood to be allowed for in the Base Offer pricing. The Independent Estimator has reviewed each BPIC related impact against what was already expected due to BPP, including:

- Inadequate recognition of pre-existing BPP requirements and commitments provided in the JH Baseline D&C Offer
- Inadequate recognition of pre-existing management features and mitigation factors proposed by JH to be implemented in its Baseline D&C Offer, for known and identified risks
- Potential for duplication of costs within the BPIC impacts pricing, including multiple layers of costs and risk (e.g. pricing of potential impacts and pricing of associated mitigation measures without recognition of the mitigated impacts in the relevant pricing and the addition of further risk allowances.

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The State refers to the Operator Franchisee 3 (OF3) response to the Request for Clarification #OFiM3-103-C and notes the current offer position is conditional upon on a multi-union agreement, that includes the AWU being reached prior to Financial Close. The State understands that an agreement of this form has not been obtained, and OF3 now considers it unlikely that one will be obtained.

OF3 is requested to confirm whether OF3 (and its D&C Contractor):

(1) would proceed to financial close before 16 December 2021 in circumstances where no such multi-union agreement is in place, and if so any revised offer conditions;

In good faith John Holland (JH) approached the State's request to implement the GCLR3 BPIC in a good compliant manner, applying the 'best practice industrial relations' principles, a key pillar of the Queensland Government's Best Practice Principles. Accordingly, JH commenced engagement with all relevant unions identified in the GCLR3 BPIC as requested and remains committed to securing a 'multi-union' agreement that includes the AWU.

Achieving a 'multi union' agreement was fundamental to our offer and JH considers this critical to the success of the GCLR3 project and to the BPIC policy more broadly. As such JH will continue to explore all possible avenues to have the AWU involved in the project and requests that the State continue to assist in this regard. We ask that the State work with JH to take all available actions to influence the AWU and have them engaged in this process.

That said, JH is willing to commit to and proceed to financial close without a 'multi union' agreement lodged or approved with the Fair Work Commission (FWC), provided the State is willing to accept any time and cost risk, above and beyond that considered in our current fixed price offer, associated with related IR disputation on the project. JH recognises the difficulty in defining the IR risk and is willing to work with the State to outline the parameters for this to be agreed. Additionally, JH will take all reasonable steps to mitigate any of the potential IR risk on the project.

If this risk profile is accepted by the State, JH is willing to commit to the fixed price offer presented on 8 October 2021 (price and program) and will continue to assist the State and GoldlinQ in progressing the project to Financial Close by 16 December 2021.

(***2) intend to progress any alternative pathways to obtaining an industrial / enterprise agreement(s) with employment conditions consistent with that articulated in the current offer.***

If the response to (2) is no, OF3 is requested to advise whether its D&C Contractor intends to withdraw from the procurement process.

If alternative options are proposed:

- ***Articulate the alternative IR option(s) the D&C Contractor proposes to adopt.***
- ***What steps and processes would the D&C Contractor adopt to practically and effectively implement the alternative IR option(s) (including consultation with the relevant stakeholders)?***
- ***What are the risks if the alternative IR option(s) were pursued?***
- ***Any additional offer conditions relating to the alternative IR option(s)***
- ***What are the likely / potential timeframes (and associated impact on financial close timing) for the alternative IR option(s)?***

JH notes that it has engaged with the State in considering potential alternative pathways and to date these have not been considered appropriate due to the increased risk associated with the alternative options. JH remains willing to consider alternative pathways with conditions consistent with the current offer, but as stated previously, remains of the view that none of these provide a positive outcome for the project or the BPIC policy.

Alternative Options

JH has considered the following previously, and considers these the only options available to progress, but highlights the challenges and risks associated (and notes that each will require a change in the risk allocation):

(a) Seek to agree and finalise terms and conditions with the Building Trades Group (BTG) of unions (CFMEU, ETU, PPTEU and AMWU). JH would then have the following options:

i. Greenfield EA – JH could consider lodging with the Fair Work Commission (FWC) the EA as a greenfield EA for the project. JH notes that the AWU will very likely challenge any greenfield EA for the project in the FWC on the basis of 'majority coverage'. In the event such a challenge was successful, JH would be forced to commence 'brownfield' negotiations for the project or revert to another industrial instrument. Risks associated with brownfield negotiations in this scenario are consistent with the risks associated with progressing with 'brownfield' negotiations in 2 (a) ii below and are summarised in 2 (b).

ii. As suggested by the State, commence brownfield negotiations in place of progressing and lodging a greenfield EA negotiated with the BTG unions with the FWC. Whilst JH consider there to be considerable risks and concerns with this approach, we remain willing to consider how this option may be implemented. It is our understanding that this proposal from the State is based on the below process:

- JH agree terms with the BTG unions as part of the ongoing discussions for a greenfield EA.
- The State would then intervene and discuss with the BTG unions their concerns regarding impacts to the BPIC policy of a sustained legal challenge to the Greenfield EA, when inevitably challenged by the AWU. The State would then be responsible for discussing with and ensuring the BTG unions are aligned and committed to supporting JH in implementing this approach.
- As detailed below and consistent with the JH response in 1 above, JH would only consider this option on the basis of the State accepting the time and cost risk.

(b) Risks associated with brownfield negotiations are many and JH holds considerable concern about the impact to the project in the event these risks as realised. In summary, our concerns with brownfield negotiations are primarily the risk of a technical challenge, the lack of certainty regarding terms and conditions, as well as the time required to finalise an agreement. Specifically, there is no mechanism to bring negotiations to a close via the FWC.

JH does not see brownfield negotiations as a favourable outcome for any party involved in this process and would need to be satisfied that there was sufficient relief for the impacts associated with brownfield negotiations prior to further consideration of the options in 2 (a) and (b).

TS-35

Re: GCLR3 Tender Revalidation and BPIC IR Principles

From: Andrew English-JHG <[redacted]
To: Kirstyn Smith [redacted], Amanda Yeates [redacted], contact.Peter A Papantoniou [redacted], Ryan Dodd-JHG [redacted]
Cc: Phil Mumford [redacted]
Date: Sun, 19 Dec 2021 17:39:26 +1000

Kirstyn

I can confirm that your account is accurate bar one element, cost arising above the $150m BPIC cap.

This was discussed as a cap adjustment event where if granted, the costs above $150m would be treated as before on a cost reimbursable basis with no gain share available.

Many thanks.

Andrew

Get Outlook for iOS
From: Kirstyn Smith [redacted]
Sent: Friday, December 17, 2021 5:06:13 PM
To: Amanda Yeates [redacted]; contact.Peter A Papantoniou [redacted] Andrew English-JHG [redacted]; Ryan Dodd-JHG [redacted]
Cc: Phil Mumford [redacted]
Subject: GCLR3 Tender Revalidation and BPIC IR Principles

Hi all,

Thank you for your time this morning. As requested, please find below my record of what was discussed and agreed by the parties in today's meeting.

Agreements in Principle

1. **Tender Revalidation**

GCLR Stage 3 baseline price to be reset to a $667M (inclusive of the $34M), subject to full detail and justification by John Holland of the $34M to satisfy the Queensland Audit Office (QAO) requirements during January 2022.

Actions:

- John Holland (Andrew English) to review the pricing for the TPS and validate timing of procurement during Early Works.
- GoldlinQ (Phil Mumford) to facilitate the workstream for the alternate TPS process.
- State to provide description of the requirements of the QAO by 24 December 2021.

2. **BPIC IR**

BPIC assessment and impact to be treated as open book. Acknowledging that the State's current budget allocation for BPIC is $150M:

a. John Holland Direct Costs of ~$101.2M (for subcontractor, wet plant, direct labour - per JH RFC) to be paid, subject to ordinary evidence during delivery.

b. Remainder (up to $150M), to be treated on a cost reimbursable basis, where actual costs incurred are paid but capped at $49M, however acknowledging that the State is open to incentivizing a gain share arrangement with John Holland for any savings achieved (to $150M). For clarity, no gain share is available above $150M.

Actions:

- All parties to confirm acceptance of GCLR BPIC IR Principles (as per my email dated 16 December 2021) by Monday 20 December 2021.
- Contractual drafting to be finalized and agreed between the parties by 31 January 2022, with a view for approvals to occur in February 2022.
- Tier 1 forum to manage the $150M cap going forward.

Thanks,
Kirstyn

Kirstyn Smith
Commercial and Legal Manager

GoldlinQ Gold Coast Light Rail G:link

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Subject:

GCLR3 Status Update

From: Loren Hickey-JHG [redacted]
To: Andrew English-JHG [redacted]
Cc: Norman Lovemore-JHG [redacted]. Ryan Dodd-JHG [redacted] Anthony Kelly-JHG [redacted] Andrew Priem-JHG [redacted], Dean Hooker-JHG [redacted] Monica Chaplin-JHG [redacted] Ellen Stewart-JHG [redacted], Trent Smith-JHG [redacted]
Date: Wed, 09 Feb 2022 19:08:30 +1000
Attachments: FW: D&C Pricing Proforma and cashflow, including path to finalisation of price and program (257.54 kB)

Hi Andrew,

As requested, please find attached notes on progress for GCLR over the past two days.
Apologies they are not as concise as I hoped but should adequately prepare you for discussions tomorrow. Happy to be available early tomorrow morning for discussion if required.

Commercial Framework

- BPIC Rider Part A – JH feedback provided Tuesday 8 February. Preliminary State feedback was provided this evening 6:44pm. GLQ yet to provide feedback
- The States comments to Part A remain non-committal with several our mark-ups being noted as 'still under review'.
- BPIC Rider Part B: JH feedback provided Tuesday 8 February with follow up meeting held this afternoon. State feedback provided this evening 6:44pm. GLQ yet to provide feedback.
- BPIC Rider Part C. Remains with JH to provide feedback. JH to provide this ASAP Thursday 10 Feb.
- The Commercial Principles (Reimbursement Schedule). Not yet agreed. Key sticking point is agreeing the most applicable method of assessment re: subcontractors. Process of the assessment of time impacts (productivity and disruption) are also not yet agreed.
- JH is yet to receive feedback on the proposed breakdown of the heads of cost issued Monday.
- To make 14 February, Commercial Principles need to be finalised COB tomorrow to enable drafting by JH into the relevant riders. The feedback on the BPIC Riders are critical to this also.
- BPIC Rider and Reimbursable Schedule will require additional work (in the two weeks following 14 February) to flesh out the detail necessary to understand how the TOC breakdown is agreed against final charge rates (prior to financial close).
- Next scheduled meeting is 3:30pm 10 February (tomorrow)
- Full and final feedback on the BPIC Riders from both the State and GoldlinQ (noting that JH still need to provide Part C) is critical and should be noted as a key point for escalation.

Deliverables (subject of the RFC)

- Tender Returnables

- Schedule 27 and Schedule 4 to be provided prior to 11 February
- JH has requested – via the GLQ Transaction Team – specific instruction on what the Client Team deems necessary to be updated in Returnable 17 of our original tender for the purpose of BPIC (and, in the interest of time, why this is necessary over and above the commitments made in the D&C Contract).

- SAS to be provided prior to deadline under RFC of 11 February
- Pricing Proforma
  - JH Provided Draft Pricing Proforma Monday 7 February.
    - No additional conversations with respect to the independent estimator's report – or any other gap findings - had been held since late last week.
    - Minor feedback was received for GLQ regarding some updates to proforma. These have been incorporated (see below point).
  - Updated Pricing Proforma issued Wednesday 9 February 2pm as per request
    - This updated proforma allows for the GE price (reduction of circa $7m from the revalidation price) and still includes the $1.2m cost gap identified by the IE (as further conversation/ negotiation on the matter have not occurred).
    - This Pricing Proforma also includes the corresponding Cash Flow. This point is in response to Phil Mumford's comment in your Monday meeting that Cash Flow should be issued by Friday. He already has it within the Proforma.
    - Following the submission of this proforma Peter Pap called Dean (4:45pm this afternoon) to discuss the $1.2m point of difference between JH and IE in our escalation revalidation and the $3m staff cost point between JH and IE (and subsequently the State) do not agree with.
    - Please see attached Dean's notes on this conversation. It is the bid teams view that we should not give back either the $1.2m or the $3m as these are real costs to the project. It is likely Amanda may discuss this with you tomorrow.
- Program
  - Feedback, OF3 Program and O&M Program originally scheduled to be received from the State and GLQ Friday 4 February was received this morning, 9 February, via Dataroom RFC
  - The RFC requested that the integrated program be returned tomorrow Thursday 9 February
  - JH has notified the client that this timeframe maybe unrealistic but have committed to responding by COB Friday 11 February.

Council Update

- We have a in principle agreement on the Interface Agreement subject to CoGC providing a clean copy of the final drafting by COB Friday
- It is likely that the previously flagged residual issues remain. Once clean document is received, we will discuss this remaining risk item with the State.
- It is likely JH can live with this residual risk (as it is only for our convenience, and we have greatly improved our original position) but we will work this through and discuss with Martin prior to offering this.

Loren Hickey
Pre-Contracts Manager, Infrastructure

JOHN HOLLAND

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Make flexibility work – if you receive an email from me outside of normal business hours, it's because I'm sending it at a time that suits me.
I'm not expecting you to read it or reply until normal business hours.

TS-37

Gold Coast Light Rail Stage 3
BPIC Impact Assessment: Methodology

Author: Loren Hickey
Date: 26 July 2021

JOHN HOLLAND

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1 Introduction

1.1 Purpose of this Plan

BPIC is Best Practice Industry Conditions for Transport Civil Constructions Projects, a newly introduced Queensland Procurement Policy for all State Government projects over $100m. A specific version of the BPIC has been developed for application to the Gold Coast Light Rail Stage 3 Project (Project).

This Plan has been developed to provide guidance to GoldlinQ and the State on John Holland's approach to the impact of BPIC on the D&C Contract (Stage 3), including proposed timeframes for response to the Clarification #OFiM3-103-C dated 5 July 2021 (RFC).

As previously agreed under the Third Commitment Deed Poll dated 4 June 2021:

As an overriding principle, the parties agree that the Code for the Tendering and Performance of Building Work 2016 (the Code) applies to the Project and any arrangements with respect to the BPIC must be Code compliant.

It remains of paramount importance that John Holland remains Code compliant in respect of this assessment and the delivery of the Project.

1.2 IR Considerations

As a code covered entity under the Federal Government's Building Code, John Holland is prohibited from requiring, or applying undue pressure on a subcontractor, to:

- provide terms and conditions to its employees which are in excess of their enterprise agreement or award entitlements (i.e. mandate that they apply the BPICs); or
- impose obligations to be part of a particular scheme or fund (e.g. income protection, redundancy fund etc – which the BPICs do).

The implication to John Holland being sanctioned in respect of breach of the Building Code is that it will be prevented from tendering or performing federally funded work for a period of up to 12 months. John Holland will not put at risk its ability to tender and perform Commonwealth funded work and as such Building Code compliance will remain John Holland's most important consideration throughout this process and through to delivery.

In the context of this overriding principle:

- Any request of current subcontractors to review their submission, or engagement with new subcontractors, will emphasise that BPIC will not and does not form part of any evaluation process, that a response is voluntary and only if they are interested in doing so.
- We will also remind all prospective subcontractors that the application of any alternate industrial conditions cannot result in over-agreement payments or any other breach of the Building Code.
- Whilst we understand the preference for the BPIC document to be issued to all subcontractors as part of this impact assessment process, ongoing consideration and advice is being sort on this matter.

2 RFC Governance

2.1 Key Dates

Clarification #OFiM3-103-C Received	5 July 2021
Methodology Issued	27 July 2021
Industry Briefings Commence*	2 August 2021
Commence issuing RFQs	9 August 2021
Order of Magnitude Impact (Cost/Time)	Late August 2021
Line by lines commence & internal reviews	Late September 2021
RFC Submission	1 October 2021
Financial Close / Contract Award	November / December 2021
Contract Completion	TBC

** Actual dates and approach to be provided by the State – refer to Section 2.2.*

For further information, refer to Appendix A – Tender Preparation Program.

2.2 State Led Industry Briefings

Based on our understanding, it is imperative that the State's briefings are broad ranging, educational, and reflect the pertinent aspects of the State's Best Practice Principles contained in the Queensland Procurement Policy. Furthermore, in order to meet the timeframes set out within this plan, the State's Industry Briefings need to be held as soon as possible, ideally prior to RFQs being issued to the market and continuing throughout the impact assessment process. Being a relatively new Policy, with limited industry understanding and exposure, the following aspects may be beneficial and considered when planning the requested industry briefings:

- GCLR3 is one of many projects that the State, through its procurement processes, is seeking to achieve best industry practice by providing guidance on what it perceives as BPICs and a Reputable Supplier;
- Briefings are accessible and tailored to maximise the communication of the State's policy settings, along with providing support and guidance to the supply chain around implementation should they seek to support the State's initiative.
- Briefing locations and times;
- The specific needs of SMEs, social enterprises and ATSI businesses;
- The specific needs of Service providers, plant & equipment providers, materials suppliers;
- Coverage across sectors and disciplines – civil, electrical, plumbing, rail, communications and others;
- Production of guidance notes which are made easily accessible and publicly available along with the Transport BPIC and other project-specific BPICs including the GCLR3 BPIC;

Ideally, follow up briefings and more support material such as Q&As should continue to be made available, including throughout the permanent works phase, engaging the supply chain as deeply as possible.

As this is a State led initiative with broader application than the GCLR3 Project, and potential Building Code implications, John Holland will not be present for these briefings, nor do we wish to contribute to their content or roll out, save for the considerations provided above.

2.3 Cost of Impact Assessment

This impact assessment is likely to take 13 weeks to complete, with considerable effort required to prepare for; engaging with the market; assessing and validating responses; compiling internal and external submissions; and collaboratively working through the final approval process. It is John Holland's expectation that direct costs associated with such will be reimbursed.

2.4 RFC Process and Submission

The timing and uniqueness of the impact assessment, and the potential to significantly impact the Project and our Business is not fully understood or assessed at this time. Accordingly, this assessment necessitates compliance with the full John Holland governance processes including Tender Assurance and Reviews prior to finalisation of our submission.

2.5 Requirements for anticipated post response activities

In acknowledgement of activities required to be undertaken post submission by both the State and GoldlinQ, the team has allowed 4 weeks to work through the assessment and any questions required to reach financial close.

Given the complexity of this change, and in line with our commitment to work collaboratively to resolve this outstanding matter, JH wishes to discuss the introduction of an Independent Estimator to work with JH and to support the State's internal governance and audit process.

3 Assessment Methodology

3.1 Introduction

The Assessment will be broken into the following component parts:

- Direct Costs
- Indirect Costs
- Contract Value-related Costs
- Program
- Risk & Opportunity / Contingencies
- Other impacts

3.2 Direct Costs

John Holland will seek to assess impact on all direct costs. Based on the feedback and responses received from the market, along with internal risk assessments, the approach to subcontracting or self-performing work packages will be critically reviewed throughout this assessment and may change from nominated delivery method in pre-BPIC documentation.

The proposed approach for assessing the impact to both subcontracted and self-perform packages is further detailed below, however before re-engaging with the market, a full assessment of the vendor list for all packages will be undertaken and, if deemed necessary, expanded as we will endeavour to achieve broad market coverage for all contestable works. This assessment will consider factors including, but not limited to:

- Market capability and capacity, with a particular focus on specialist skills and methodologies;
- Maturity, specifically in relation to managing Industrial Relations risk;
- Financial vulnerability, particularly around SMEs, social enterprises & ATSI businesses;
- Subcontractor's traditional delivery models and reliance on sub-tiers and labour hire; and
- Packages / sectors where market forces may influence the impact assessment.
- Other common elements critical to the integrity and robustness of the impact assessment, and influential in the assessment of residual risks are:
- Timely and effective Industry Briefings – refer to Section 2.2 above;
- Development of RFQs that will maintain Building Code compliance at all times (supported by legal review) and elicit a strong response from the market; and
- Use of consistent pricing and other returnable schedules for comparison purposes, providing the ability to quarantine recent market fluctuations, if any, unrelated to this assessment.

3.2.1 Direct Cost: Subcontract

Further to Section 3.2, specific actions required to assess subcontract packages will be undertaken, including but not limited to:

- Subcontractor vetting, undertaken in Candy (John Holland's estimating software), heavily scrutinising returned submissions with outlying cost and/or time impacts. This will follow our standard processes for moderating, risk adjusting or, where deemed necessary, discarding submissions based on comparison and consideration of:
  - Other submissions;
  - First principles build-ups; and
  - Benchmarking where available.
- Internal assessment of other potential BPIC impacts for inclusion in our response, either priced or provisioned through risk allocation, will also be considered such as:
  - program implications;
  - levels of supervision;

- additional support, including reduction in payment terms for SMEs, social enterprises and ATSI businesses; and
- use of platforms such as ICN Gateway and associated administration.

3.2.2 Direct Cost: Self-Perform

Further to Section 3.2, specific actions required to assess self-perform packages will be undertaken, including but not limited to:

- Labour rate review, including allowances, comparison and alignment of classification (e.g. CW2, CW3 etc) and other rate-related impacts such as redundancy payments, travel and industry training levies;
- Consider productivity and lost time related impacts (e.g. length of meal times, hot weather policy, crew composition, AOD testing, conducting Union business);
- Requirement for employee representatives, increased HSRs,
- Review composite plant rates (dry hire plant with direct engaged labour);
- Seek updated market coverage for labour and wet hire plant for comparison purposes;
- Update Candy, compare where possible applicable benchmarking or areas where reliable market coverage is available; and
- Internal assessment of other potential BPIC impacts for inclusion in our response, either priced or provisioned through risk allocation, will also be considered such as:
  - program implications;
  - levels of supervision; and
  - labour related items such inductions, onboarding, PPE, training.

3.3 Indirect Costs

Indirect costs include:

- Staff;
- Site running and onsite overheads;
- Support services such as peggies and store persons; and
- Onboarding costs such as recruitment, PPE, inductions and training.

All of these elements will be reviewed to consider the associated impacts, including but not limited to:

- Staffing
- Additional roles (e.g. supervision ratios, Contract Administration and HSE professionals);
- Parity of staff salaries in relation to equivalent annual labour earnings;
- Increased staff durations;
- Site-based facilities and running costs including Increases in office space, cribbing and ablutions due to increased personnel, extended durations, additional requirements (e.g. AOD testing, shower facilities); and
- Increased site establishment requirements such as access control and turnstiles, covered access ways and area lighting, parking and personnel transfer, more robust anti-tamper construction plumbing and electrical installations, security, and surveillance.

3.4 Contract Value related costs

Costs that are related to Contract Value (CV) will be updated in line with overall adjustment to the Contract Value as a result of this assessment. This will include, but is not limited to the following:

- Bank Guarantees
- Portable Long Service Leave (Qleave)
- Business unit costs
- Margin

3.5 Program Impacts

The Program will be fully reviewed to take into consideration those time related impacts outlined above, along with specific time related items such as those listed below (but not limited to). Once these additional impacts and/or constraints are included in the program, a comprehensive Schedule Risk Analysis, as per our tender process, will be undertaken. Any time related costs not captured through the various processes outlined in previous Sections above, will be included in the assessment as cost impacts where necessary.

- Productivity analysis;
- Reduced flexibility on overtime, working days and working hours;
- Reduced flexibility on RDOs:
  - 13 fixed RDOs required to align with industry calendars; and
  - 13 flexible RDOs with an extensive consultation process.
- Reduced flexibility and increased lost time due to specific heat related conditions:
  - 35°C; and
  - 29°C and 75% humidity.
- Application of the Impairment Policy (AOD);
- Inductions and training;
  - Asbestos and Silica Dust Awareness Training
  - Workplace Impairment Training
  - Preliminary Impairment Assessment
  - Cultural Awareness Training
  - Union Delegate Training

3.6 Risk & Opportunity Assessment

Throughout this assessment process, where there is a residual risk or opportunity, these will be reflected in a register established for this purpose. At the appropriate time, refer to Appendix A, an internal risk workshop will be held to moderate the various inputs made throughout the impact assessment process.

Prior to the aforementioned risk workshop, consideration will also be given to the following items which may be in addition to or associated with elements above, including residual risks based on responses / feedback from the supply chain, but require a holistic assessment. These may include but are not limited to:

- Increased industrial delays and disruption;
- Challenges to any approval process of a Greenfield Agreement (once lodged with the Fair Work Commission) associated with the proposed unions potentially not having majority coverage (required under the Fair Work Act 2009). Of specific concern is the AWU who have majority coverage in the civil sector and who you advised have not participated in discussions to date;
- Additional allowances, concessions or requirements as an outcome of the collective bargaining process, should a Greenfields Agreement be adopted for the project (e.g. heat policy);
- Reduced flexibility associated with working RDOs, overtime, weekends etc;
- Implementation / delivery risks, such as:
  - procurement delays (e.g. subcontractors withdrawing, supply chain implementation); and
  - extra-over costs associated with acceleration / overtime / nightshift to maintain program as a result of industrial delays and disruption.

Once the estimate has been sufficiently developed (time, cost and risk) a contingency analysis will be conducted (using Monte Carlo simulation and assessment to P80 value which will be adopted by John Holland) to gauge the certainty around the estimate, an appropriate allowance will be made.

3.7 Other Impacts

Running concurrently alongside and informed by the time, cost and risk assessment process outlined throughout Section 3, a full review of all tender commitments and targets will be undertaken. This will include, but is not limited to:

- BPP Commitments (such as apprenticeship and training hours / numbers, local and indigenous spends, local staff and workforce employment etc);
- Variation / Dayworks rates (e.g. labour, wet hired plant); and
- Pre-Priced Elements.

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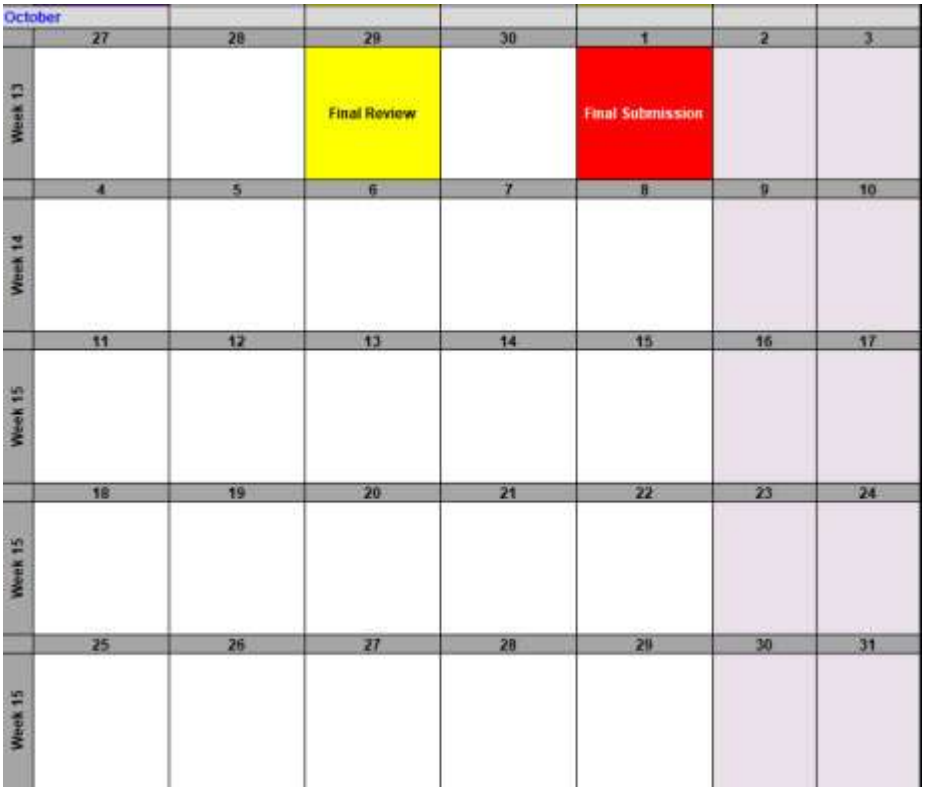
Appendix A Tender Preparation Program

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
July							
	5	6	7	8	9	10	11
Week 1	GCLR Specific BPIC Document received						
	12	13	14	15	16	17	18
Week 2							
	19	20	21	22	23	24	25
Week 3		GCLR3 Exec Status Update Meeting					
	26	27	28	29	30	29	1
Week 4		Management Review Submission of proposed approach					

August							
	2	3	4	5	6	7	8
Week 5	Industry Briefing		Circulate procurement register (internal)	Self perform / subcontractor strategy			
	9	10	11	12	13	14	15
Week 6	send out RFQ		Update Construction program	Initial Risk and Opportunity Workshop			
	16	17	18	19	20	21	22
Week 7					SRA Run		
	23	24	25	26	27	28	29
Week 8	Program Review		Executive Review - Draft cost & program submission to client		Final Executive Review - Draft cost & program submission to client (if requried)		

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Gold Coast Light Rail Stage 3

BPIC Impact Assessment:

RFC103C Responses

Date: **20 August 2021**

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2 Item 2 – John Holland's approach to engaging subcontractors, including industrial instruments covering subcontractors 6

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4 Item 4 – Other relevant matters 8

i. Purpose

In accordance with the Third Commitment Deed Poll, Schedule 5 Cl1.3, the Department of Transport and Main Roads (DTMR) issued the *Best Practice Industry Conditions for Transport Civil Construction Projects – Gold Coast Light Rail Stage 3 Project* (GCLR3 BPIC) under cover of Clarification #OFiM3-103-C (RFC103C) to GoldlinQ and John Holland (JH).

Along with a copy of GCLR3 BPIC, RFC103C posed numerous questions associated with GCLR3 BPIC, in relation to both the current Impact Assessment process and its' potential implementation should John Holland be awarded the GCLR3 major works package (Project). In the spirit of the Third Commitment Deed Poll, the responses reflect our current understanding at the time of submission and are subject change as the parties work to finalise the impact assessment and contractual arrangements.

ii. Code Compliance

In accordance with the Third Commitment Deed Poll, and more specifically Schedule 5 Cl1.5:

As an overriding principle, the parties agree that the Code for the Tendering and Performance of Building Work 2016 (the Code) applies to the Project and any arrangements with respect to the BPIC must be Code compliant.

1 Item 1 – John Holland approach to its self-performing work

a) Establish and maintain a positive industrial relations environment for this project including:

i. How John Holland in using its best endeavours, intends to reflect the intent and outcomes of the GCLR3 BPIC as part of its industrial relations strategy;

JH Response: *JH intends to negotiate a* ***code compliant****, project specific GCLR3 Greenfield Enterprise Agreement (GCLR3 EA). Based on consultation held to date with interested parties, which remain ongoing, it is expected that the GCLR3 EA would be a multi-party agreement, largely reflecting the GCLR3 BPIC guidance document.*

As previously advised to GoldlinQ and DTMR, there are several conditions contained in GCLR3 BPIC that we continue to have dialogue around with interested parties that JH would seek to amend, to provide increased flexibility and certainty during construction phase, along with reflecting our current established work practices.

On the basis that JH is successful in negotiating the GCLR3 EA, it would provide coverage to all directly engaged workforce employees on the Project.

Furthermore, dependent on how the GCLR3 BPIC guidance document is drafted into the D&C Contract, and so far as permitted under the Code, JH would provide all tenderers the GCLR3 BPIC at time of Tender, along with other relevant, project and package specific information.

ii. Given the GCLR3 BPIC what additional matters John Holland has considered above the existing industrial relations strategy to progress best practice industrial relations on this project;

JH Response: *The overarching strategy for all our projects is to leverage the existing collaborative relationships John Holland has with our employees, trade unions and delivery partners. We achieve this through well-established industrial relations (IR) policies and procedures which provide a tried and tested framework, attested to by our proven track record of delivering projects within industrial landscapes not dissimilar to GCLR3.*

We also adopt a best practice approach involving consultation and negotiation with our employees and their representatives, which will minimise and avoid potential IR risks at the earliest possible stage and as close to the source as possible. Again, we achieve this through the implementation of reliable, repeatable, and robust processes and protocols, ensuring best for project outcomes whilst maintaining compliance with relevant legislative and regulatory requirements, including the Code and Queensland's Best Practice Principles.

iii. Whether the GCLR3 BPIC changes the approach to self-performing work, and if so, the impacts of these changes and how they will be managed;

JH Response: *The ongoing BPIC Impact Assessment process will review the previously proposed ratio of self-perform versus subcontract however at this stage we are not in a position to outline any potential changes.*

With this noted, from our current and previous experience across the SEQ region, JH has a loyal, core workforce that through our supervisory team we maintain open communication with. JH also recognises the opportunities presented by the Project to engage apprentices, trainees, as well as the potential to attract a more diverse workforce in non-traditional roles.

iv. Whether a Greenfields agreement as an alternative to existing John Holland enterprise agreements has been further considered as part of the industrial relations strategy;

JH Response: *As noted above under 1-(a)-I, JH intends to negotiate a code compliant, project specific GCLR3 Greenfield Enterprise Agreement with <u>all</u> Unions. The most significant challenge to this, which remains unresolved, is the complete lack of the AWU's involvement (which we understand to be their own choice as advised by DTMR) in DTMR's development of the GCLR3 BPIC guidance document.*

This has been reinforced through our consultation process where the AWU has communicated their unwillingness to be party to an agreement that includes the CFMEU. Even more alarming is the recent feedback from the AWU that their expectations, if they were to be party to a GCLR3 EA, are better reflected by the Brisbane Metro EA recently negotiated with Acciona – these conditions are not consistent with GCLR3 BPIC.

This is of significant concern, as the AWU would likely have majority coverage of workers onsite presenting a potentially fatal flaw in having a multi-party GCLR3 EA approved by the Fair Work Commission, let alone achieving one of the stated intentions of the GCLR3 BPIC which is "to ensure that a workforce with optimal levels of skills and experience can be attracted and retained for project delivery and ensure that relevant stakeholders can interact in a positive, collaborative and productive way through to successful project completion."

This is a key area that JH will continue to look to the State to assist by seeking alignment and support of the national and/or state union bodies with the State's BPP.

v. How, in consideration of the information contained in the GCLR3 BPIC, John Holland intends to clearly articulate any additional impacts in relation to both costs and schedule, and the reasons why these are considered different to the existing D&C offer;

JH Response: *To be addressed through the Impact Assessment process.*

vi. How John Holland intends to take reasonable steps to engage with all relevant stakeholders, including employee unions with an interest in the project, should a Greenfield agreement be negotiated with a view to ensuring industrial harmony is achieved and maintained for the project;

JH Response: *JH continues to maintain proactive and open working relationships with all union bodies and other relevant stakeholders as necessary. More specifically in relation to the Project, JH has been meeting since January 2021 to align expectations and identify potential areas of disconnect. JH will continue to consult with relevant stakeholders and provide feedback to GoldlinQ and DTMR as appropriate.*

vii. What approach will John Holland undertake in the event a proposed Greenfields agreement is negotiated that does not include all relevant unions as parties, and how it intends to maintain a positive industrial relations environment should these circumstances arise; and

JH Response: *As noted above in 1-a-iv, our preference is an all-inclusive GCLR3 EA. Naturally, if negotiations breakdown we would consider our options. If a single union did not wish to engage (or be party) with respect to a GCLR3 EA, we would evaluate factors such as coverage for eligible workers, scopes of work potentially impacted, probability of disruption to the project, likelihood of disputation, consideration of a dispute resolution process and of course the position and alignment of the other union(s).*

The resultant outcomes from this undesirable position may include continuing to finalise the GCLR3 EA, opening up the risk of being successfully challenged when lodged with the Fair Work Commission, or it may require the additional scopes of work to be packaged up and delivered via subcontract. Serious consideration will need to be given to potential options if this risk materialises further.

In any event, JH would continue to engage with all the relevant unions throughout the Project's duration via consultative committees and the like, but again highlighting how problematic this becomes if the AWU is not even willing to engage in any constructive process.

viii. If John Holland intends to negotiate a Greenfields agreement, will the replacement NSW Rail and Signalling Agreements contain a 'carve out' provision similar to that contained in the Qld Civil Agreement?

JH Response: *Consideration of this matter remains ongoing. The GCLR3 BPIC guidance document does not currently consider rail related activities i.e. there are no specific classifications, allowances etc included. As consultation progresses, potential options will be further developed. JH will continue to keep GoldlinQ and DTMR informed of our progress.*

2 Item 2 - John Holland's approach to engaging subcontractors, including industrial instruments covering subcontractors

a) John Holland's commitment to engaging and using Reputable Suppliers and subcontractors;

JH Response: *JH has demonstrated a commitment to the engagement of reputable suppliers and subcontractors previously and will continue that approach on the project. A key aspect our assessment of subcontractors and suppliers will be a review of their compliance with the Building Code and the State's Best Practice Principles.*

In addition, and again in a manner consistent with our Building Code obligations, all subcontractors will be required to demonstrate how they meet the definition (or at least the intent of the definition) of a reputable supplier or subcontractor as part of the JH tender process.

N.B. JH will never assess or evaluate subcontractor's tender responses against GCLR3 BPIC.

b) What work packages John Holland intends to procure via subcontract arrangements;

JH Response: *JH has provided a full listing of packages that were considered suitable for a subcontract delivery model. The decision to self-perform or subcontract is multi-faceted and needs to take into factors such as market capacity, specialist skillsets or plant, resource levels, activity duration, licencing or accreditation requirements, programme drivers and supervisory / engineering capacity and skills to name a few. A similar assessment to that completed during original tender will again be undertaken during the BPIC Impact Assessment process. Delivery methods will continue to be reassessed throughout the duration of the Project as the engineering and design develops and we re-engage again with the market.*

c) John Holland's proposed list of subcontractors (by work package) for the project;

JH Response: *JH has provided a full listing of packages that were considered suitable for a subcontract delivery model, including potential delivery partners.*

d) (based on John Holland's experience on other projects in Queensland that reference best practice industry conditions) which work packages and subcontractors are more likely to use their best endeavours to take the GCLR3 BPIC into account;

JH Response: *This is very subjective, but as a generalisation, delivery partners that operate across the building and/or industrial sectors, less so those who operate solely in the traditional civil sector. JH has and will continue to advocate for and lobby the State to embark on a widespread awareness, education and training program targeted at the civil sector. In our opinion, this will require the State to commit significant investment and resources.*

e) How John Holland intends to provide the GCLR3 BPIC to subcontractors in relation to this work;

JH Response: *This is contingent on how DTMR and GoldlinQ incorporate GCLR3 BPIC into JH's D&D Contract. We request proposed drafting to be provided to JH as soon as practicable to enable us to consider Code compliance alongside potential mechanisms.*

f) How is it proposed that John Holland will use its best endeavours to take the GCLR3 BPIC into account when evaluating, selecting and engaging subcontractors for the project, including how it is intended that John Holland will use its best endeavours to engage subcontractors (as Reputable Suppliers) who will provide terms and conditions of employment which are consistent with modern and progressive industrial practices;

JH Response: *TBC*

g) How John Holland intends to inform the State, should it propose to select a subcontractor that achieves a low score for best practice industrial relations;

JH Response: *TBC*

h) In the circumstances outlined in (d) and (g), what strategies will John Holland employ in relation to pricing, to ensure that price represents actual project impacts of the implementation of best practice industrial relations;

JH Response: *TBC*

i) If John Holland selects subcontractors that achieve a low score for best practice industrial relations including as evaluated against the GCLR3 BPIC, does John Holland consider this to be an industrial relations risk and if so, how it proposes to mitigate this industrial relations risk;

JH Response: *TBC*

j) TMR notes the local industry / content commitments that GoldlinQ has provided as part of its current offer. TMR wishes to maintain these commitments. GoldlinQ is requested to articulate how, in the context of GCLR3 BPIC guidance material, it intends to revise its proposal whilst maintaining these commitments.

JH Response: *TBC*

3 Item 3 – Assurance and Performance

a) How GoldlinQ and John Holland will ensure compliance, including monitoring and reporting mechanisms in relation to Best Practice Principles and best practice industrial relations for those components that are:

i. self-performed; and

JH Response: *TBC*

ii. performed by subcontractors.

JH Response: *TBC*

b) In relation to work to be performed by subcontractors, the proposed strategies that will be undertaken by GoldlinQ and John Holland to manage issues of non-performance on any commitments made in their respective tenders in relation to the Best Practice Principles, including best practice industrial relations.

JH Response: *TBC*

4 Item 4 – Other relevant matters

a) In relation to item 2, the State advises that it will undertake an interactive session at a time and place to be agreed with GoldlinQ and John Holland, that will provide:

i. An overview of the project;

ii. An overview of the government policies relevant to the project, specifically the Best Practice Principles, including the GCLR3 BPIC;

iii. Information for subcontractors in the supply chain; and

iv. A forum for attendees to raise relevant queries for written response.

JH Response: *This is included in the BPIC Impact Assessment Methodology.*

b) In relation to the identified work packages relevant to item 2, and to remove any doubt, the GCLR3 BPIC:

i. is not to be considered for the recently commenced early works package, including any respective best endeavours application;

JH Response: *Noted.*

ii. does not extend to (except to the extent ordinarily covered by Awards relevant to the civil construction industry) professional, administrative or incidental workers situated in a site office either for the duration of the project, periodically or on an "as needs" basis including those that visit the site but are not situated in the site office (for example but not limited to engineering, architectural and design, surveying or quantity surveying services);

JH Response: *Noted.*

iii. is not to be considered for non-contestable public utility plant (PUP) works, such as those to be undertaken by APA Gas, Energex, NBN and Telstra;

JH Response: *Noted.*

iv. is intended to be applied to materially significant on-site works only, and therefore does not include;

i. off-site prefabrication of made-to-order components to form part of the project, unless it is performed on an auxiliary or holding site;

ii. the transportation (delivery to or removal) and supply of goods, material or equipment to and from the project;

iii. warranty, repair and maintenance work performed on plant and machinery utilised on the project;

iv. goods and services rendered on a temporary and/or intermittent basis, for example but not limited to cleaning services, general office and building maintenance, tree lopping services, geotechnical, material, soil testing or laboratory testing services.

JH Response: *Noted.*

TS-39

From: Trent Smith-JHG
Sent: Tuesday, 14 September 2021 12:22:08 PM
To: Ryan Dodd-JHG;Andrew Priem-JHG
Subject: GCLR BPIC

Gents,

Further to discussions last week and for today's meeting, I have tried to summarise the key issues, potential options and a recommended way forward.

AWU v CFMEU

The Transport BPIC, GCLR BPIC and Major Project (>300M) BPIC were clearly developed to provide access for the Building Trades Group (CFMEU, ETU, AMWU, PPTEU) to upcoming civil projects. The AWU have majority coverage of the sector and most tier 1 and 2 civil contractors having an EA with the AWU (or the AWU were at least participants in negotiations). Despite this coverage, the AWU have little to no density in the subcontractor sector, with most contractors under the Modern Award or employee collective (non-union).

As you know, the AWU position to date is to refuse to sign an EA endorsed by the CFMEU. They have also refused to engage with TMR in relation to the development of the BPIC documents for civil.

For JH to negotiate a Greenfield Enterprise Agreement (EA) for the project consistent with the BPIC, JH must engage with all the unions with coverage or at least the union with majority coverage over classifications on the project. The AWU position presents an issue for JH in negotiating a Greenfield Agreement as they have majority coverage of civil and rail classifications and have advised that they will challenge any civil EA for which they are not party. Based on the nature of GCLR, there may be an option to demonstrate majority coverage through the CFMEU (plant operators, carpenters, scaffolders, rigging , craneage), ETU (electrical), PPTEU (plumbers) and AMWU (metal trades).

The JH position throughout has been one Greenfield EA with *all* unions, however based on the above, the options for JH on GCLR are to negotiate an AWU only EA (for the civil scope and consider separate Mech / Elec or subcontract option) or exclude the AWU and proceed with the CFMEU, ETU, PPTEU and AMWU.

Pro's and *con's* of both approaches are as follows:

AWU Only		**Exclude AWU**	
Pros'	***Con's***	***Pro's***	***Con's***
Increased flexibilities and less restrictive clauses (unlikely to have delegates, RDO, no hot weather etc).	Lack of certainty regarding terms and conditions. AWU position is Brisbane Metro (well above BPIC) or '*at least better than BPIC*'.	Certainty regarding terms and conditions (aligned with	Restrictive, less flexible CFMEU style conditions (typical

		BPIC).	building terms and conditions).
Likely easy path to approval of Greenfield EA (given majority coverage).	Other unions may still challenge the approval of the EA.	Potentially greater stability with unions aligned and engaged (AWU have no presence 'on the ground').	Likely AWU challenge to EA, may well be successful given their 'majority coverage' of civil and rail classifications. Unsure of way forward at this point (i.e. Brownfield EA with no certainty or subcontract out all works (increased IR/Code risk).
Maintenance of industry status quo, that is, continue to recognise the AWU as the civil union.	Increased IR activity (likely protracted campaign) from the other unions. Considerable exposure given project set up (12km route with multiple access points).	Potentially secure pipeline of work (as 'preferred' contractor), with demonstrated ability to implement Government policy.	Failure to comply fully with union expectations will likely lead to industrial disruption.
Decreased ABCC focus.	Significant impact across other JH projects in the region, specifically building projects (Gatton and Logan).		AWU may take action due to being excluded i.e. refusal to engage with JH on future projects interstate (albeit unlikely).

	Potential ramifications for future projects – due to CFMEU political influence.		Increased ABCC focus.

Options to Progress

1. Commence advising client that in the absence of the AWU being involved in the GCLR BPIC, JH cannot continue. We would consider there to be too much risk associated with an AWU challenge to a Greenfield EA and then what that would mean for a project EA (i.e. commence negotiations with the AWU seeking increased t&c's or commence brownfield negotiations with no certainty on terms and conditions). This EA risk coupled with the push back from industry reagrding the BPIC (from contractors and subcontractors) represents a risk profile that we would not be comfortable proceeding.

2. Proceed with the AWU only. I do not think this is a realistic option given risk to our building business and the GCLR project.

3. Engage with the building unions only in hope we can satify the majority coverage on basis of the dual coverage of some roles and the electrical scope etc. Risks of this approach is highlighted in table above.

Recommendation

Option 1 represents the least risk. I do have concern about industry take up of the BPIC and how this is managed (i.e if we have been compensated for BPIC implementation and subbies do not adopt – there will be considerable blow back).

I am aware however that 'walking away' at this point or being prepared to walk away on basis of AWU engagement may not really be an option given the ramifications for the future pipeline if we were to get our key client offside. If this is the case, and we could not manage a strategic exit from the project, then I think our only option is option 3. That is, we run the gauntlet re the Greenfield EA appoval process and if it was successfully challenged by the AWU, then we would need to engage a small number of employees and negotiate a Brownfield EA (these employees would nominate the union as their bargaining rep and we would hope the unions would honour their word on the terms and conditions).

The whole of enterprise risk associated with option 2 prevents this being a relaistic option for JH. If we were a civil only business, then this would be worth more considertion.

Cheers,

Trent Smith
Group Manager Industrial Relations
People

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Executive Briefing

Topic	Qld BPIC Civil Strategy
Date	24/09/2021
Author	Trent Smith

This Paper outlines the considerations for determining the most appropriate enterprise-wide strategy for implementing the Queensland (**Qld**) Government's *Best Practice Industry Conditions* (**BPIC**) on upcoming civil projects. Whilst the strategy decision is initially relevant for the Gold Coast Light Rail Project (**GCLR**), the decision for GCLR will dictate our IR approach to future State Government funded projects.

1. Background

As you are aware, the Qld Government have implemented the BPIC on building projects in the last 12-18 months (including the JH project – Gatton Prison). The Government have now commenced implementation on civil projects, most notably GCLR (subject to a bespoke BPIC document) and the Centenary Bridge Upgrade (**CBU Project**), for which JH was recently shortlisted. The BPIC will apply for all future Department of Main Roads (**DTMR**) projects with two documents, the Transport BPIC (projects <$300M) and the Major Project BPIC (projects >$300M).

The BPIC is essentially the CFMEU Pattern Enterprise Agreement (**EA**), and in the case of GCLR, with increased rates that align with the ETU Pattern EA. The policy is clearly aimed at increasing the CFMEU (and the other unions, ETU, PPTEU and AMWU that make up the Building Trades Group (**BTG**)) influence in the civil sector, which is illustrative of the level of influence they have within the Qld Government, an influence that even the AWU acknowledge.

2. AWU v CFMEU

The JH position throughout GCLR and for future relevant DTMR projects has been one Greenfield EA with *all* unions to manage the potential enterprise-wide risk with excluding either the AWU or CFMEU (or indeed the other BTG unions).

For JH to negotiate a Greenfield EA for future projects consistent with the BPIC, JH must engage with all unions with relevant coverage or at least the union with majority coverage over classifications on the project. The AWU have majority coverage of civil and rail classifications.

(a) AWU Position:

Whilst the AWU have majority coverage of the civil sector, with most tier 1 and 2 contractors having an EA in place with the AWU (or the AWU were at least participants in negotiations), they have little to no density in the subcontract market. Most subcontractors in the sector are under the Modern Award or an employee collective (non-union) EA.

The AWU position to date has been to refuse to sign any EA endorsed by the CFMEU in Qld or Victoria. The AWU do have a demarcation arrangement with the CFMEU in NSW, but this is based on the specific relationship in NSW, and they are not willing to extend this any further. They have also refused to engage with DTMR in relation to the development of the BPIC documents for the civil industry on the basis that they consider it to be a 'CFMEU EA' and see no benefit from inviting the CFMEU into the civil sector. Likely having seen how this has played out in Victoria, where the CFMEU now have 95% of the subcontract market.

Further, the AWU have advised that they will challenge any civil EA for which they are not party. This is a considerable issue for GCLR (and future DTMR projects of similar scope) given they

would appear to have majority coverage for predominantly civil projects.

In a more recent development, Daniel Walton (AWU National Secretary) has requested a meeting with Joe Barr to discuss the upcoming pipeline of projects nationally. During recent discussions he has suggested that any move away from the AWU in Qld will likely provoke a response from the AWU in other states. This was taken to mean that the AWU may choose not to engage with JH for future upcoming major projects in NSW. Whilst this is a concerning comment, and the impact if they followed through would be significant for major projects in NSW, I do think it is unlikely they maintain this threat or position moving forward. [redacted]

It is important to note that the AWU do not have the level of influence in Qld compared to past years and have been suffering a steady decline in membership. There is a view within industry that they are at risk of becoming irrelevant in the coming years as the CFMEU ramp up their efforts to take control of the sector. Their decline is being seen in Victoria, where they now have little to no influence over the civil sector (and even parts of their tunnelling coverage appear under risk).

(b) CFMEU Position:

The CFMEU (and the other BTG unions) are willing to sign an EA with the AWU as a party to the EA.

The CFMEU have extensive coverage and density across building contractors that may potentially operate across the civil sector (specifically formwork, traffic control etc.), but at this stage have little to no coverage across predominantly civil only contractors. They will however see this as their opportunity to take control of the civil sector and will employ their usual aggressive tactics, coupled with the support of Government.

There may be an opportunity to demonstrate majority coverage through the CFMEU (some civil classifications are dual coverage, such as plant operators, carpenters, scaffolders, rigging, craneage etc.), the ETU (electrical scope), PPTEU (plumbers) and AMWU (metal trades), but based on the AWU's current position we could expect that they will challenge the approval of any such Greenfield EA and would likely have reasonable prospects of succeeding with such a challenge.

(c) Government Position:

The catalyst for the BPIC policy was the CFMEU being omitted from the Cross River Rail (**CRR**) EA. The CFMEU and the ETU both have considerable influence within the Government, the left faction controls the ALP in Qld and this faction relies heavily on the support of the BTG.

If the CFMEU continue to be excluded from DTMR projects, we can expect significant backlash. This pressure will also be exerted through Government and DTMR and may start to impact DTMR and the State's approach to future procurement.

In short, the AWU position is entrenched and unless something shifts dramatically in the short-term, the only approaches available to JH for Greenfield EAs will be AWU only or exclude the AWU and engage with the BTG. The *Risks* and *Opportunities* associated with both approaches are over the page.

AWU Only		Exclude AWU	
Opportunity	***Risk***	***Opportunity***	***Risk***
Increased flexibilities and less restrictive clauses (unlikely to have delegates, RDO, no hot weather etc.).	Lack of certainty regarding terms and conditions AWU position is Brisbane Metro (well above BPIC) or '*at least better than BPIC*'.	Certainty regarding terms and conditions (aligned with BPIC)	Restrictive, less flexible CFMEU style conditions (typical building terms and conditions)
Likely easy path to approval of Greenfield EAs (given majority coverage of the civil sector).	Other unions may still challenge the approval of the EA.	Potentially greater stability with unions aligned and engaged (AWU have no presence 'on the ground').	Likely AWU challenge to EA, may well be successful given their 'majority coverage' of civil and rail classifications. Unsure of way forward at this point (i.e. Brownfield EA with no certainty or subcontract out all works (increased IR/Code risk).
Maintenance of industry status quo, that is, continue to recognise the AWU as the civil union in Qld.	Increased IR activity (likely protracted campaign) from the other unions. Considerable exposure given GCLR project set up (12km route with multiple access points).	Potentially secure pipeline of work (as 'preferred' contractor), with demonstrated ability to implement Government policy. *(DTMR have a significant pipeline of work).*	Failure to comply fully with union expectations will likely lead to industrial disruption.
Decreased focus from the regulator.	Significant impact across other JH projects in the region, specifically building projects (Gatton and Logan) *(This is the most significant risk to the building business and would have a major impact on recently commenced building projects).*		AWU may take action due to being excluded i.e. refusal to engage with JH on future projects interstate (they have made this threat) *(This is the most significant risk for infrastructure. Would impact major infrastructure projects interstate (primarily NSW) and warrants due consideration).*
	Potential ramifications for future DTMR projects – due to CFMEU political influence.		Increased regulator focus.
	CFMEU refuse to finalise the JH Building EA (currently under negotiation).		Industry backlash, most civil contractors are aligned in pushing back on CFMEU engagement in the civil sector. JH would be seen to be 'breaking ranks.

3. *Competitor Analysis*

*(a) Queensland Major Contractors Association (**QMCA**)*:

The QMCA represents several civil contractors, most notably JH, CPB and Acciona. Other members are tier 2 to 3 competitors (such as Seymour Whyte, Bielby, Fulton Hogan). The QMCA have been vocal in their opposition to the introduction of BPIC.

Most recently the QMCA have coordinated a session for their members and the AWU. The discussions, very much led by CPB, were intended to allow the AWU to 'pitch' their solution to the BPIC issue, that is, exclusive AWU civil EAs. All contractors at this event (except for JH) confirmed that their approach to managing the BPIC will be AWU only civil EAs. Whilst this position demonstrates the apprehension the industry has for the introduction of CFMEU terms and conditions into the civil sector, **none of these competitors have a building business in Qld and have completely different risk profile to that of JH**, so therefore avoid the issues JH faces.

(b) CPB Contractors:

CPB do not have any current building projects in Qld, and it appears they have little interest in tendering for any significant building works in the short term. CPB have been under constant pressure and attention from the CFMEU on the CRR, where they have implemented an AWU only project-specific EA. CPB will advise that current tunnelling works have continued largely unaffected by the CFMEU attention, but the most pressing time for the project is yet to come. The real pressure will come when they commence building works and are dealing with predominantly CFMEU subcontractors.

CPB have also implemented the AWU only deal on the Cooroy to Curragh (**C2C**) project that is in accordance with the BPIC (but with slightly higher rates for increased flexibilities).

It's important to reiterate that CPB have a different risk profile to JH, given the lack of building. They are in constant dispute with the CFMEU and were not shortlisted for the CBU Project, which is quite telling.

(c) Besix Watpac:

Predominantly a builder, but do operate in the civil sector, and have been shortlisted for the CBU Project. They have a clear position of CFMEU only engagement and will not entertain an AWU EA for civil works. They are potentially positioning themselves as the 'preferred' contractor for DTMR given their willingness to engage with the CFMEU and other unions in the BTG.

4. *Options to Progress*

The most appropriate option, given it is their policy, is to continue to pressure DTMR and the State to do whatever they need to do to bring the AWU back into the 'fold' and correct the problem they have created. We have and will continue to apply this pressure but based on the AWU's recent comments this appears an increasingly unlikely option, particularly in the short term for GCLR. As such, the following outlines the potential options for resolution, noting that each is likely to be unpalatable to another part of the business:

(a) Delay any commitment:

If we are unable to finalise the BPIC impact assessment with DTMR and the State in the coming weeks and we are unable to agree terms for the major works contract, then we may avoid any immediate decision on this issue. We are however expecting the CBU Project to be awarded later this year, so we will likely be in this position again and will need to make a clear decision on a way forward. That said, if Watpac were to win the CBU Project, then they would engage with the CFMEU

and potentially set the new standard. This would alleviate to some degree the issues relating to reputational damage, but the risk of the AWU response would probably remain pervasive at that point, albeit this would not be as much of an issue given the profile of the project.

Obviously extracting ourselves from the GCLR Project would need to be carefully managed to ensure that we do not destroy the relationship with our primary infrastructure client that is about to embark on unprecedented infrastructure spend.

(b) Proceed with the AWU only:

This would be viewed as a declaration of 'war' by the CFMEU and the GCLR Project could expect a sustained and ongoing campaign (as would the DTMR and the State). In addition, the current building projects would very likely grind to a halt. We have previously experienced a campaign from the CFMEU in 2013/2014 and the impacts of this dispute were felt for many years.

(c) Engage with the building unions (CFMEU, ETU, PPTEU and AMWU):

This option would involve attempting to demonstrate that we can satisfy the majority coverage to negotiate a Greenfield EA (on basis of the dual coverage of some roles and the electrical scope etc.). Risks of this approach are highlighted in table above, but in short in the event we were unsuccessful in negotiating a Greenfield EA, then that would result in having to commence 'Brownfield' negotiations, that is engage a few workforce employees and commence negotiations for a project-specific agreement. This risk (certainly from a GCLR perspective) would need to be pushed back on the client given the uncertainty that comes with Brownfield negotiations.

The most significant risk to this approach would be any AWU action in response (such as a refusal to engage on Greenfield EAs into the future). As explained above, I am not convinced the AWU will follow through on this threat, given the potential ramifications for them of adopting such a position, but must be considered.

5. Recommendation

There is no easy way forward on this issue, each of the options represent a risk to another part of the business. This is the reality of the current IR climate, where JH as a multi-disciplined contractor is seen as the 'big fish' by all the unions.

In order of preference:

(a) As stated above, we must continue to pressure DTMR and Government to correct this and re-engage with the AWU. If they were to achieve this, then that would be the way forward and no further consideration of any other options would be required.

(b) If we can delay this decision (Option 4(a)), then this would be the next preferred option at this stage given the inherent risk associated with the implementation of a new policy on a major light rail project. There is benefit in JH being able to 'sit back' and understand how industry and contractors adapt and react to the policy.

(c) I do note that Option 4(a) may only be delaying the inevitable and may not even be possible in the circumstances. In which case we will be forced into a decision for GCLR or possibly as soon as the CBU Project if awarded. If this is the case, we will need to choose a union in the context of the risk considerations above. I do make the point that, and as uncomfortable as it is, I cannot see how we can progress with Option 4(b) based on the inherent risk to both the GCLR Project and the building business in Qld but understand the reservations with becoming a sole CFMEU contractor and the threat to upcoming NSW projects.

The focus on Monday's discussion will be to land a position in respect of 5(c) above.

TS-41

GCLR3 - Weekly Outputs - SB Update Points Pre-AY/JW Meeting

From: Ryan Dodd-JHG <[redacted]
To: Steve Butcher-JHG <[redacted]
Cc: Monica Chaplin-JHG <[redacted], Trent Smith-JHG [redacted], Loren Hickey-JHG [redacted] Andrew English-JHG [redacted]
Date: Wed, 29 Sep 2021 11:48:00 +1000

Steve,

We just finished our weekly client team meeting on BPIC impact assessment status.

Key points for your session today that were communicate during our session (which Peter P advised you had maybe cancelled and is keen to reschedule asap?)

- On IR strategy – we reiterated the need a multiparty agreement to make this work that includes the AWU. All on call were aligned on this after Trent described all options – we need to escalate involvement by the State to get involve in bringing these parties together. JH is issuing a draft agreement to all unions today. Neil Scales had committed to get all unions together to align on working together on this project in the spirit of the policy, but this was cancelled – need to get this back on track with ministerial support. Amanda can help here.
- We've maintained our 'tender' program relating to BPIC submission and are on track for agreed deliverables by 8 October (which is next Friday, 7 working days to go [Note: PH in Qld on Monday])
- All Independent Estimator required deliverables from JH provided
- JH price and program impact assessments are complete – there may be changes due to late market response and exec reviews this/next week, but the work has been done
- We discussed assumed BPIC program impact in detail – currently approx. 6 months impact

Ryan

Ryan Dodd
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TS-42

From: Trent Smith-JHG
Sent: Tuesday, 2 November 2021 1:23:37 PM
To: Joe Barr ([redacted]);Andrew English
Subject: BPIC EA Considerations

Hi Joe and Andrew,

Hopefully the below provides some clarity regarding a way forward in the event the AWU maintain their position and refuse to engage with respect to BPIC and multi-union agreements.

1. *Greenfield Enterprise Agreement (EA)* – JH has recently received advice that there is likely a path to a Greenfield EA if we were to negotiate with the Building Trades Group (BTG) of unions (CFMEU, ETU, PPTEU and AMWU), and excluding the AWU. The advice confirms that based on a detailed analysis of the required classifications, the BTG unions would be able to demonstrate majority coverage for GCLR3.

   However, we are aware that the AWU will challenge any EA made that excludes them and that is intended to cover predominantly civil projects. As discussed previously, irrespective of outcome, legal challenge and the negative publicity associated is not a good way for the State to kick off their new policy. In addition, we are aware that the State may have advice contrary to ours, and suggesting a Greenfield EA application may not get to majority coverage without the AWU.

2. *AWU Challenge to the Greenfield EA negotiated with the BTG* – This may delay the approval of the EA whilst a challenge is heard in the Fair Work Commission (FWC), however this would be expected to be a delay of a couple of weeks rather than any substantial delay. The matter would be heard by the FWC initially and they would either approve the agreement or uphold the challenge and the EA would be dismissed. The likely outcomes that flow from the FWC decision are as follows:

   a. *FWC approves the EA, AWU commence appeal*:

      Under this scenario, the EA has been approved and would be operative from the commencement date. This would mean that JH would mobilise the project under the EA, whilst the AWU pursue and appeal with the FWC. Dependent on the outcome of any appeal with the FWC, it could be referred onto the Federal Court. The AWU may seek interlocutory orders to prevent JH from using the EA whilst under appeal, but this would be very unlikely to succeed and indeed the appeal in general would be very unlikely to succeed. The FWC would likely take a dim view of the AWU seeking to prevent the Greenfield EA from applying and having lesser terms and conditions apply to employees on the project.

   b. *AWU challenge successful, Greenfield EA application is dismissed*:

      Under this scenario (and noting our advice in 1 above that suggests this to be unlikely), JH would immediately commence brownfield negotiations with employees (and their representatives) directly rather than commencing any appeal. Brownfield negotiations would involve the following:

- Engaging a small number of workforce spread across the required classifications (civil, electrical, plumbing etc) under an existing instrument and commencing negotiations with them for a Project-specific EA.
- Employees would be able to nominate a relevant union to represent them in negotiations.
- It would be expected that employees (and their representatives) would push for terms and conditions consistent with those provided in the Greenfield EA (that has by now been successfully challenged), however there is nothing to prevent employees from seeking superior terms and conditions than those provided in BPIC.
- Given the above, the client would need to take on any time and cost risk associated with Brownfield negotiations.
- This process could take a minimum of a month (and could be potentially commence during early works, but dependent on claims from employees could take much longer.

It should be noted that at no stage would it be feasible to suggest that the BPIC 'falls away' if the Greenfield EA is challenged successfully. Unions will fully expect JH to enter brownfield negotiations for the project and any refusal would be met with considerable back lash from all the unions. We should not proceed at this point if the client is unwilling to compensate for the implementation of BPIC via Brownfield negotiations.

Hope the above assists, and we can discuss further tomorrow.

Cheers,

Trent Smith
Group Manager Industrial Relations
People

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Queensland Government

5 November 2021

Department of
Transport and Main Roads

Gold Coast Light Rail Stage 3

Issued to: GoldlinQ

Clarification #OFiM-105-C

Returnable 28 & 17:
Third Commitment Deed Poll, Schedule 5, Clause 1.3: relevant information with regards to BPIC for this project

The State refers to the Operator Franchisee 3 (OF3) response to the Request for Clarification #OFiM3-103-C and notes the current offer position is conditional upon on a multi-union agreement, that includes the AWU being reached prior to Financial Close.

The State understands that an agreement of this form has not been obtained, and OF3 now considers it unlikely that one will be obtained.

OF3 is requested to confirm whether OF3 (and its D&C Contractor):

(1) would proceed to financial close before 16 December 2021 in circumstances where no such multi-union agreement is in place, and if so any revised offer conditions; and

(2) intend to progress any alternative pathways to obtaining an industrial / enterprise agreement(s) with employment conditions consistent with that articulated in the current offer.

- If the response to (2) is no, OF3 is requested to advise whether its D&C Contractor intends to withdraw from the procurement process.
- If alternative options are proposed:
  - Articulate the alternative IR option(s) the D&C Contractor proposes to adopt.

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- What steps and processes would the D&C Contractor adopt to practically and effectively implement the alternative IR option(s) (including consultation with the relevant stakeholders)?
- What are the risks if the alternative IR option(s) were pursued?
- Any additional offer conditions relating to the alternative IR option(s)
- What are the likely / potential timeframes (and associated impact on financial close timing) for the alternative IR option(s)?

OF is requested to respond by **COB 8 November 2021.**

TS-44

From: Trent Smith-JHG
Sent: Monday, 8 November 2021 1:01:39 PM
To: Anat Hassner-JHG;Leon Izmiritlian-JHG
Cc: Andrew English;Steve Butcher-JHG
Subject: Risk Considerations
Attachments: Risk Considerations - BPIC and GCLR3.docx

Hi all,

Please see attached table summarising state by state the risks and mitigations (AWU relationship management) associated with excluding AWU from BPIC and proceeding with the building unions.

I don't know whether I have enough detail re potential costs – but please feel free to provide any comment or feedback.

Cheers,

Trent Smith
Group Manager Industrial Relations
People

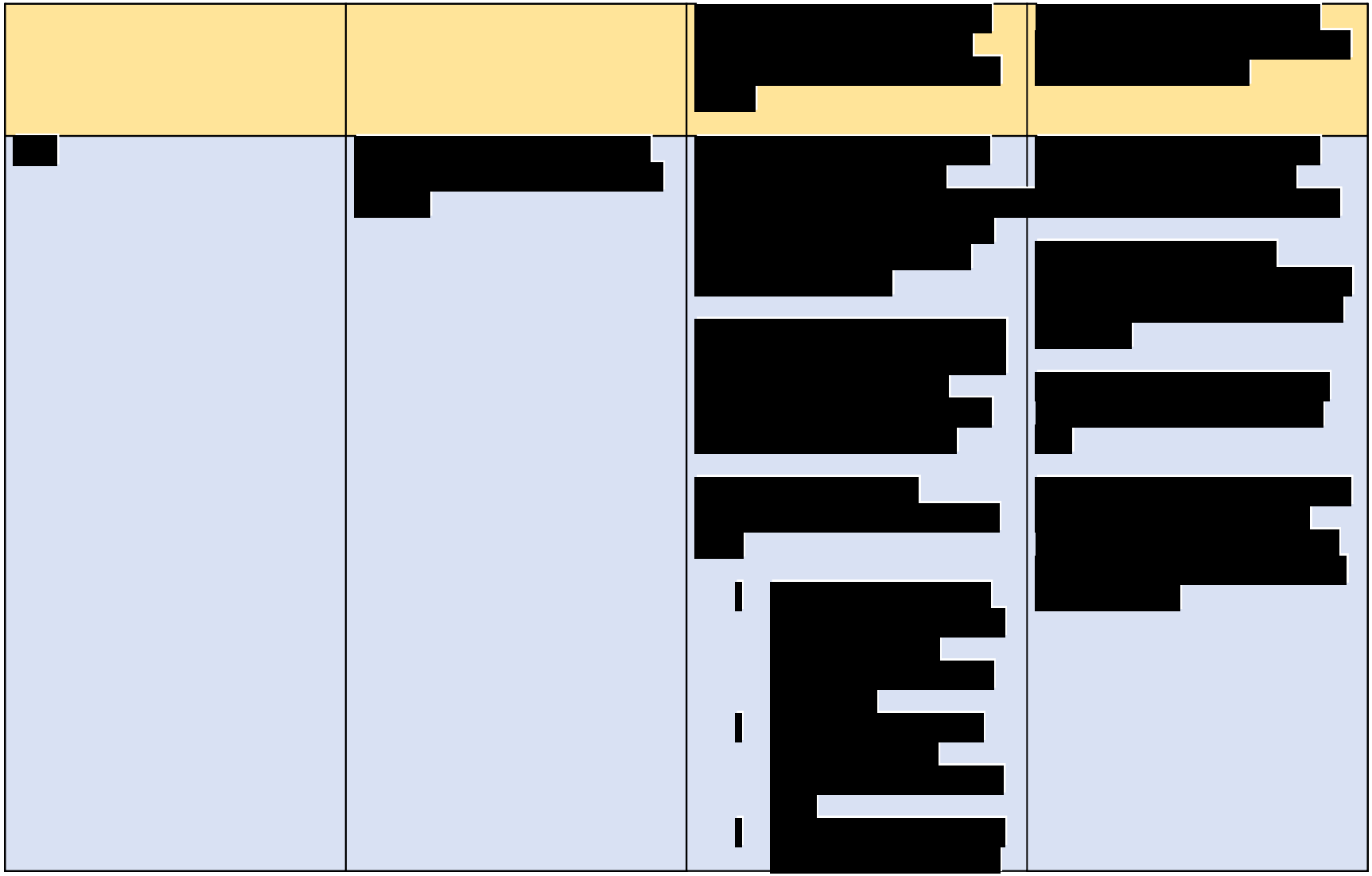
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Risk considerations State by State based on excluding AWU from the BPIC for GCLR3:

State	Risks	Risk Mitigation (AWU relationship Management)	Likelihood of Risk occurring & Projected Cost
Victoria	[redacted]	[redacted]	[redacted]
	AWU disputation at the WGTP project in response to Vic and BPIC decision. [redacted]	[redacted]	[redacted]



		[redacted]	
Qld and GCLR3	AWU challenge any EA made that excludes them in the FWC.	JH would remain committed to having the AWU party to GCLR3. This would include attempting to influence them right up to the point of lodging (as late as early Jan). JH has internal legal advice confirming there is a path to a greenfield EA excluding the AWU. All time and cost risk associated with the AWU not being involved will need to be referred to the client. This includes the considerable time / cost risk associated with brownfield EA negotiations (i.e. delay in mobilisation).	Very high, AWU have been clear that they would challenge the EA on basis of majority coverage. Little time / cost risk to JH if client accepts majority of this risk.

		Other impacts regarding building trade union involvement in the EA have been considered in the tender.	
	AWU refusal to engage with JH on future BPIC projects.	Ongoing dialogue with the AWU. They are in fact sympathetic of our position, but unlikely to shift their position regarding multi-union EAs. JH are only considering project specific EAs for civil BPIC projects, this (at least technically) allows us to consider AWU agreements into the future. Albeit will be difficult given likely reaction of the CFMEU.	Very likely. No cost impact.
	Industry reputation - 'breaking ranks' from the QMCA group.	This is a risk that would have been realised with a multi-union agreement. QMCA position is AWU only EAs and no engagement with the CFMEU. JH risk profile is completely different to that of the QMCA contractors that are civil only. Watpac (QMCA member) are currently in process of negotiating civil EA with the CFMEU.	JH will be singled out by industry for inviting the CFMEU into civil projects. Flip side to this is the client (TMR and the State) likely seeing JH as the preferred option moving forward.

TS-45

FW: GCLR3 Update

[redacted]

From: Trent Smith-JHG [redacted]
Sent: Thursday, 18 November 2021 10:33 PM
To: Anat Hassner-JHG <[redacted]>
Cc: Donna Hoblos-JHG <[redacted]
Subject: GCLR3 Update

Hi both,

Confirming that we met with the client again today to talk through the risks associated with lack of AWU involvement in the GCLR3 EA negotiations (using the flowchart sent earlier and the attached summary table of risks). There was plenty of discussion and challenge from the client, particularly for any risk outside of the finalisation of the EA for the project.

It is clear that the State have a preference for brownfield negotiations (I think primarily based on their concern with the precedent of CFMEU only EAs for future projects). For all the reasons outlined in the flowchart doc, we do not think this is a suitable option, but will continue these discussions with the client.

Nest steps are as follows:

- We are expecting a revised RFC from the client based on discussions today regarding the implementation timeline and risks (addressed in attached doc, but will be required to respond formally if they do issue the RFC).

- Andrew E and Steve B scheduled to meet with Amanda Yates (TMR Deputy Director General) Monday morning.
- State requested flowchart and attached table for discussion at the above meeting Monday (happy for these to be provided on a without prejudice basis given exec / lawyers are yet to review).
- Documents and detail from today's meeting to be provided to Andrew E and Steve B tomorrow.

Once we get the revised RFC I will circulate, I will also keep you posted re any developments for the meeting Monday.

Andrew E and Steve B were briefed on today's meeting by the pre-contracts team (we were still going with the client!).

Cheers,

Trent Smith
Group Manager Industrial Relations
People

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TS-46

Strictly Confidential – prepared for the purpose of obtaining legal advice

BPIC IR Risk Summary - DRAFT ONLY – without prejudice and subject to change

#	Risk	Implications / Impacts	Time	Cost
1.	Greenfield Agreement – without AWU	- Likely challenge by AWU in FWC (refer risks #2-10) - Greater potential for disruption on site (refer risk #11)	Y	Y
2.	Greenfield Agreement – Challenge in FWC – challenge unsuccessful	- Delay in mobilisation whilst the challenge plays out - Change in subcontracting strategy to mitigate delay with potential increase in cost - Legal costs associated with the challenge - Adverse Media coverage	Y	Y
3.	Greenfield Agreement – challenge in FWC – challenge successful	- Per risk #2 - Default to brownfield negotiation (refer risks #6-10)	Y	Y
4.	Greenfield Agreement – appeal – appeal unsuccessful	- Continue recruitment/progress works under the approved Greenfields EA - Legal costs associated with appeal - Adverse Media coverage	N	Y
5.	Greenfield Agreement – appeal– challenge successful	- Per risk #4 - Default to brownfield negotiation (refer risks #6-10)	Y	Y
6.	Brownfield Agreement - Negotiation	- Delay in mobilising labour - uncertain timeframe for bringing brownfield negotiations to a close - Change in subcontracting strategy to mitigate delay with potential increase in cost - Risk of additional terms and conditions over and above the baseline Greenfields Agreement - Risk of challenge by unions	Y	Y
7.	Brownfield Agreement – challenge in FWC – challenge successful	- No EA - no ability to self-perform - Delay to procurement / change in procurement strategy - Increased cost of procurement	Y	Y
8.	Brownfield Agreement – challenge in FWC – challenge unsuccessful	- Per risk #2	Y	Y
9.	Brownfield Agreement – appeal – appeal successful	- Continue with mobilisation under approved Brownfields agreement during appeal period but then need to cease upon decision - no ongoing ability to self-perform - Delay to procurement / will require change in procurement strategy / Potential for increased cost of procurement	Y	Y
10.	Brownfield Agreement – appeal – appeal unsuccessful	- Continue with recruitment/mobilisation under approved Brownfields agreement - Legal costs associated with appeal	[N?]	Y
11.	Lack of AWU involvement per risk item 1– risk of increased industrial disruption during construction	- Different conditions operating on site– potential cost increase	Y	Y

		- Industrial disharmony / disruption on site– potential impact on productivity		

Brownfield Negotiations concerns (based on State proposal of bypassing Greenfield):

a) BTG unions acceptance and commitment to this process.

b) A party successfully challenging the brownfield EA on the basis of "fairly chosen" or "genuine agreement". JH considers this a high risk based on the proposed process for implementing particularly given the advanced stage of current Greenfields negotiations.

c) Based on the proposed process, the project EA will effectively be the document agreed with the BTG unions and the AWU are unlikely to participate unless it is the AWU only and it is a document that reflects their position, previously stated to be the Brisbane Metro EA.

d) Any deviation from the 'agreed' project EA with the BTG unions to accommodate the AWU will inevitably lead to significant disruption and disputation from the BTG Unions.

e) No certainty regarding terms and conditions. Despite having an agreed document with the BTG unions, there is nothing to prevent employees to make claims for superior terms.

f) No certainty regarding the time required to finalise an agreement. There is no mechanism to try and bring negotiations to a close via the FWC (there is the potential to seek good faith bargaining orders in the FWC, but nothing that guarantees an outcome). Given industrial action risk that is present whilst bargaining under the Fair Work Act 2009 (Cth), you could not mobilise until such time as the EA is agreed and lodged.

Noting – risks (e) and (f) apply in any brownfield scenario.

Start Here

Continue Greenfields Negotiations

YES

Conclude Greenfield Negotiations
(Target agreement by mid December 2021)

Good faith negotiations continue with all interested parties.

JH maintaining records including invitations, responses, attendance, and status of items under negotiation.

All parties confirming agreement subject to any ABCC / FWC undertakings.

ABCC state 4 week turnaround

Request ABCC Compliance Assessment
(Target submission by mid December 2021)

Financial Close or other mutually agreed commitment is a JH pre-condition to lodgement with FWC

Lodge EA for Approval with FWC
(Target lodgement by Mid February 2022)

State requested to support / influence the involvement of all parties regardless of path(s) taken.

Potential legal proceedings (FWC Full Bench / Federal Court)

EA Challenged

NO

YES

FWC Decision
(Estimate 4-8 weeks)

NO

JH able to commence Onboarding Direct Employees (save for interlocutory judgement)

Challenge Successful
(Estimate 4-8 weeks)

FWC Approve EA

YES

FWC Reject EA

FWC Approve EA

FWC Decision
(Estimate 4-8 weeks)

NO

NO

A party may challenge the EA on basis of 'fairly chosen', 'genuine agreement' or other technical ground.

Appeal Successful
(Estimate 12-16 weeks)

YES

EA Challenged

YES

Decision Appealed

YES

Decision Appealed

YES

Appeal Successful
(Estimate 12-16 weeks)

NO

Appeal Successful
(Estimate 12-16 weeks)

NO

YES

Lodge EA for Approval with FWC

YES

YES

Approval Stands

YES

Alternative option is to abandon negotiations & subcontracting all works.

No mechanism within the FWA to bring negotiations to an outcome.

NO

Vote Carried
(EA Endorsed)

Commence Brownfield Negotiations

Greenfields Agreement no longer an option once employees have been engaged on the project.

Engage Workforce
(Estimate 2-4 weeks)

Possible for a party to commence action through the FWC for bargaining orders if required.

Employees may nominate bargaining representatives for negotiations or represent themselves.

Issue NERR

Commence / Continue Formal Negotiations

Conduct Ballot
(Estimate 4 weeks from NERR issue)

No certainty regarding claims - superior T&C's to those reached / anticipated through Greenfield's negotiations likely outcome.

Minimum 21 day negotiation period required from Notice of Employee Representative Rights being issued to a ballot being called.

FWC Reject EA

Department of
Transport and Main Roads

19 November 2021

Gold Coast Light Rail Stage 3

Issued to: GoldlinQ

Clarification #OFiM-#-C

The State refers to the correspondence received by the D&C Contractor (John Holland) via email, with the subject “BPIC RFC Response” dated 12 November 2021.

In relation to that correspondence, reference is made to the inference that the State has made suggestions or proposals in relation to the industrial relations strategy to be employed by John Holland. The State will not be responsible for implementing any part of the industrial relations strategy.

To remove any doubt, the State is seeking through the Request For Clarification (RFC) process to gain a better understanding of the industrial relations options presented by John Holland to implement an Enterprise Agreement by 28 February 2022 and its potential to impact the schedule, risks and costs of the project, including the timing of financial close of Stage 3. The State reiterates that the industrial relations strategy is, and remains, an issue for John Holland.

The State further confirms that, notwithstanding John Holland's request for the State *'to work with the D&C Contractor to take all available actions to influence the AWU and have them engaged in this process'* , it is not in a position to assist with this request.

The State understands from discussions on 17 and 18 November 2021 that, should the option of a multi-union agreement (including the AWU) (**Option 1**) not be obtained within a reasonable period, John Holland’s preferred alternative approach would be for it to seek to finalise terms and conditions with the Building Trades Group (BTG) of unions (CFMEU, ETU, PPTEU and AMWU), and proceed to lodge a Greenfield Enterprise Agreement with the Fair

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Work Commission (**Option 2**). Should there be a successful challenge to this Enterprise Agreement, the State understands that John Holland would then proceed to commence brownfield negotiations (**Option 3**).

GoldlinQ is requested to clarify:

1. Is the sequence of options outlined above the approach that will be adopted by John Holland?
2. The reasons why John Holland considers this sequence of options the lowest risk solution for the project. For example, why John Holland considers Option 3 is only preferred following Option 2 and Option 3, and not before, given John Holland have previously confirmed by correspondence dated 6 October 2021 that AWU would likely have majority coverage of workers onsite.
3. What is John Holland's proposed methodology (including the required steps, processes and timing) to progressing the sequence of options outlined above prior to Stage 3 financial close?

   Given the confirmation provided above, the methodology should assume that the State will not take any role in those negotiations.
4. Would John Holland please provide:
   a. a flowchart describing the key steps, intervals and decision points; and
   b. an indicative program based on the best estimate of timeframes associated with the options outlined above (setting out the time and process interval at which decisions would need to be made to transition from one option to the next)?
5. For Options 2 and 3, would John Holland please provide in table / matrix format:
   a. the specific risks in each option as appropriate to each relevant step;
   b. the mitigations that John Holland will put in place for each of these specific risks;
   c. any other specific risks in each option as relevant to John Holland's subcontract supply chain; and
   d. to the extent not already priced within the BPIC impact assessment or able to be mitigated in the view of John Holland, the proposed form of contractual and risk treatment within the Stage 3 Works Deed and D&C Contract.

DRAFT

For Option 3, the risks should be described for a scenario where (1) Stage 3 financial close is deferred until a brownfield Enterprise Agreement has been certified by the Fair Work Commission, and (2) a scenario where the parties proceed to Stage 3 Financial Close following lodgement of the Enterprise Agreement with the Fair Work Commission.

Notwithstanding, the State's expectation is that John Holland will use its best endeavours to expedite and finalise negotiations in relation to the preferred Option 1, or if not obtained in a reasonable period Option 2, such that the relevant enterprise agreement can be lodged with the Fair Work Commission during December 2021.

Please provide a response to this RFC by COB 23 November 2021.

DRAFT

TS-48

From: Trent Smith-JHG
Sent: Monday, 22 November 2021 10:51:30 AM
To: Joe Barr [redacted])
Cc: Anat Hassner-JHG;Donna Hoblos-JHG
Subject: IR Update - ELT Discussion
Attachments: 3464-4094-9015-v2 - GCLR - RFC responding to BPIC RFC Response (November 2021) _DAM.docx, GCLR3 EA Negotiations Flowchart RevC.pdf, BPIC_IR Risk_R2.docx

Hi Joe,

I understand that the ELT Meeting tomorrow will cover the ongoing IR issues/discussions in [redacted] Queensland. A short update on both is as follows:

Qld – BPIC

- Following our response to the client confirming that we would proceed with the GCLR3 project without a multi-union EA inclusive of the AWU, the client has now issued a new RFC (attached for reference). They are now requesting confirmation of our 'preferred' approach (greenfield or brownfield) and the timeline/implementation risks associated. We are currently preparing this response for issue later this week.
- Disappointingly, the client has been very clear in the RFC that they will take no further action to assist JH in influencing AWU involvement. They have also made clear that they will not assist JH with the implementation of their policy (despite offering assistance in respect of the brownfield proposal previously).
- JH discussions with the Building Trade Group (BTG) unions are continuing. With AWU still declining to attend any meetings. The hope is discussions will be finalised by Mid-Dec.
- JH has advised the client that the earliest date for lodgement of an EA will be Mid-Feb due to requirement to have the document code assessed by the ABCC following the completion of negotiations (it is also important that we delay this for as long as possible to allow the finalisation and lodgement of major Sydney project EAs if possible – noting the risk of AWU response to BTG only EA).
- For a number of reasons (and if the AWU continue to refuse to be involved), JH sees the greenfield option (as opposed to brownfield) with the BTG as the most appropriate way forward in the circumstances. Reasoning will be addressed in the RFC back to the client.
- Client appears to be pushing for the brownfield option (I think that they are now concerned about what a BTG only EA precedent might mean for their project pipeline, as well as the risk of AWU challenge). Noting we do have advice that there is likely a pathway to a greenfield with the BTG only (we have not yet shared this with the client to date, given that up until last week our position was multi-union EA inclusive of the AWU only).
- Please see attached flowchart and risk table in draft form that will be used in RFC response to the client.

[redacted]

[redacted]

Cheers,

Trent Smith
Group Manager Industrial Relations
People

JOHN HOLLAND

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Department of
Transport and Main Roads

19 November 2021

Gold Coast Light Rail Stage 3

Issued to: GoldlinQ

Clarification #OFiM-#-C

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To remove any doubt, the State is seeking through the Request For Clarification (RFC) process to gain a better understanding of the industrial relations options presented by John Holland to implement an Enterprise Agreement by 28 February 2022 and its potential to impact the schedule, risks and costs of the project, including the timing of financial close of Stage 3. The State reiterates that the industrial relations strategy is, and remains, an issue for John Holland.

The State further confirms that, notwithstanding John Holland's request for the State *'to work with the D&C Contractor to take all available actions to influence the AWU and have them engaged in this process'* , it is not in a position to assist with this request.

The State understands from discussions on 17 and 18 November 2021 that, should the option of a multi-union agreement (including the AWU) (**Option 1**) not be obtained within a reasonable period, John Holland’s preferred alternative approach would be for it to seek to finalise terms and conditions with the Building Trades Group (BTG) of unions (CFMEU, ETU, PPTEU and AMWU), and proceed to lodge a Greenfield Enterprise Agreement with the Fair

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Work Commission (**Option 2**). Should there be a successful challenge to this Enterprise Agreement, the State understands that John Holland would then proceed to commence brownfield negotiations (**Option 3**).

GoldlinQ is requested to clarify:

1. Is the sequence of options outlined above the approach that will be adopted by John Holland?
2. The reasons why John Holland considers this sequence of options the lowest risk solution for the project. For example, why John Holland considers Option 3 is only preferred following Option 2 and Option 3, and not before, given John Holland have previously confirmed by correspondence dated 6 October 2021 that AWU would likely have majority coverage of workers onsite.
3. What is John Holland's proposed methodology (including the required steps, processes and timing) to progressing the sequence of options outlined above prior to Stage 3 financial close?

   Given the confirmation provided above, the methodology should assume that the State will not take any role in those negotiations.
4. Would John Holland please provide:
   a. a flowchart describing the key steps, intervals and decision points; and
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   c. any other specific risks in each option as relevant to John Holland's subcontract supply chain; and
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DRAFT

For Option 3, the risks should be described for a scenario where (1) Stage 3 financial close is deferred until a brownfield Enterprise Agreement has been certified by the Fair Work Commission, and (2) a scenario where the parties proceed to Stage 3 Financial Close following lodgement of the Enterprise Agreement with the Fair Work Commission.

Notwithstanding, the State's expectation is that John Holland will use its best endeavours to expedite and finalise negotiations in relation to the preferred Option 1, or if not obtained in a reasonable period Option 2, such that the relevant enterprise agreement can be lodged with the Fair Work Commission during December 2021.

Please provide a response to this RFC by COB 23 November 2021.

DRAFT

Clarification #OFiM-#-C

The State refers to the correspondence received by the D&C Contractor (John Holland) via email, with the subject "BPIC RFC Response" dated 12 November 2021.

In relation to that correspondence, reference is made to the inference that the State has made suggestions or proposals in relation to the industrial relations strategy to be employed by John Holland. The State will not be responsible for implementing any part of the industrial relations strategy.

To remove any doubt, the State is seeking through the Request For Clarification (RFC) process to gain a better understanding of the industrial relations options presented by John Holland to implement an Enterprise Agreement by 28 February 2022 and its potential to impact the schedule, risks and costs of the project, including the timing of financial close of Stage 3. The State reiterates that the industrial relations strategy is, and remains, an issue for John Holland.

The State further confirms that, notwithstanding John Holland's request for the State 'to work with the D&C Contractor to take all available actions to influence the AWU and have them engaged in this process' , it is not in a position to assist with this request.

The State understands from discussions on 17 and 18 November 2021 that, should the option of a multi-union agreement (including the AWU) (Option 1) not be obtained within a reasonable period, John Holland's preferred alternative approach would be for it to seek to finalise terms and conditions with the Building Trades Group (BTG) of unions (CFMEU, ETU, PPTEU and AMWU), and proceed to lodge a Greenfield Enterprise Agreement with the Fair Work Commission (Option 2). Should there be a successful challenge to this Enterprise Agreement, the State understands that John Holland would then proceed to commence brownfield negotiations (Option 3).

GoldlinQ is requested to clarify:

1. ***Is the sequence of options outlined above the approach that will be adopted by John Holland?***

John Holland (JH) reiterates that the best outcome for the project, and the State's BPIC policy, is a 'multi-union' Enterprise Agreement (EA) inclusive of the AWU. Given the importance of securing AWU involvement in the project EA, JH is disappointed that the State remains unwilling to assist in achieving an outcome that gives the project the best opportunity for success. JH holds concern for the future of the BPIC policy if the AWU are not engaged and the civil industry effectively 'splits' in terms of union engagement.

Further, and as stated in our response to RFC6618 dated 12 November 2021, JH does not view the alternative options (Options 2 and 3) as providing a positive outcome for the project or the BPIC policy however feel we are left with little alternative but to consider these options to enable the project to proceed.

The sequence, outlined above, does reflect JH's current view. However, as previously advised, JH will consider alternative pathways to Option 1 once all avenues are reasonably exhausted with the AWU and only then on the basis that it is contractually protected in respect of the potential time and cost impacts associated with the lack of involvement by the AWU, including in respect of pursuing Options 2 and/or 3.

2. ***The reasons why John Holland considers this sequence of options the lowest risk solution for the project. For example, why John Holland considers Option 3 is only preferred following Option 2 and Option 3, and not before, given John Holland have previously confirmed by correspondence dated 6 October 2021 that AWU would likely have majority coverage of workers onsite.***

JH confirms that there are considerable risks associated with both Options 2 and 3. JH does not prefer either of these options and remains committed to achieving Option 1. It is however likely to continue to become more difficult for JH to engage the AWU without the necessary influence and assistance from the State. Therefore, as confirmed in RFC6618, JH is willing to consider alternative pathways that do not include involvement from the AWU. As such, JH is now exploring these potential options in more detail, which will include obtaining detailed legal advice regarding the risk profile associated with these options.

Rather than JH considering Option 2 a 'preferred' option, JH considers Option 3 a 'less palatable' option by comparison for the project and the State. JH has advised the State and GoldlinQ in detail during meetings held on 17 and 18 November 2021 and follow-up correspondence, as requested, on 19 November 2021 the concerns JH holds for ceasing current greenfield discussions with the BTG unions and progressing to brownfield discussions. In summary these concerns are as follows:

1. The proposal of moving to Option 3 prior to Option 2 was presented to JH by the State. It was JH's understanding that the State were willing to assist in achieving this outcome, and

most importantly controlling the messaging and initial discussions with the BTG unions given the extensive history and consultation by the State in the development of the GCLR3 BPIC and BPIC policy more broadly. Furthermore, it was JH's understanding that this would be done on the basis that the State had concerns regarding the greenfield agreement process, and they would ensure the BTG unions aligned in committing to a brownfield agreement negotiation process.

Based on the above, JH would see little prospects of success in attempting to achieve alignment from the BTG unions in the absence of any assistance from the State.

2. In addition, JH highlights the following risks with proceeding directly to Option 3:

   a) A party successfully challenging the brownfield EA on the basis of "fairly chosen" or "genuine agreement". JH considers this a high risk given the advanced stage of current greenfield negotiations.

   b) Based on the proposed process, the project EA will effectively be the document agreed with the BTG unions and the AWU are unlikely to participate unless it is an AWU only document that reflects their starting position, which the AWU has continued to maintain is the Brisbane Metro EA.

   c) Any deviation from the 'agreed' project EA with the BTG unions to accommodate the AWU will inevitably lead to significant disruption and disputation from the BTG Unions.

   d) **No certainty regarding terms and conditions.** Despite having an agreed document with the BTG unions, there is nothing to prevent employees making claims for superior terms.

   e) **No certainty regarding the time required to finalise an agreement**. There is no mechanism to bring negotiations to a close via the FWC (there is the potential to seek good faith bargaining orders in the FWC, but nothing that guarantees an outcome). Given industrial action risk that is present whilst bargaining under the Fair Work Act 2009 (Cth), JH could not mobilise until such time as the EA is approved.

Noting – risks (d) and (e) apply in any brownfield scenario.

JH considers the risk outlined in 2 (a) above to be a major impediment to the success of this Option. Not to mention that it will likely lead to the same outcome as Option 2, in that the AWU remain removed from the process and still likely to challenge any EA made. It is JH's view that this Option 3 may further isolate the AWU and may in fact alienate all unions from the commencement of the project, imposing a lasting impact on the project and the BPIC policy.

The risk of a challenge to any greenfield EA negotiated in accordance with Option 2 remains of concern, not only due to the likelihood of a challenge being upheld, but also due to the likely reputational damage associated with a long, drawn out and public campaign impacting all parties involved, the project and the BPIC policy more broadly.

JH is currently seeking further advice on Option 2, but it is hoped that JH's self-perform strategy for the project (i.e. electrical, plumbing, building scopes) will assist in the development of an argument regarding the majority coverage. It must be noted that running this argument does not come without added risk and may impact the project's opportunity to mitigate future delays by converting self-perform packages to subcontracts, as well as increasing policy tension and impacting Schedule 27 QPP commitments (% direct hire roles, local participation % etc). The professional and experienced manner by which JH has undertaken the ongoing greenfield EA negotiations, specifically repeated attempts to engage with the AWU, may also improve the prospects of success.

3. What is John Holland's proposed methodology (including the required steps, processes and timing) to progressing the sequence of options outlined above prior to Stage 3 financial close?

Please refer to the "Enterprise Agreement Options Flowchart" attached. Key milestones as addressed, but indicative dates are summarised as follows (subject to agreement being reached regarding time and cost risks):

- JH to finalise negotiations with the BTG unions by mid-December 2021 (this may result in concessions on certain outstanding items in negotiations, for which JH will bear the risk to the extent they have been included in our revised offer).
- JH to lodge the draft GCLR EA with the ABCC for assessment for compliance with the Building Code by mid-December (ABCC states this will take approx. 4 weeks but may be later given the intervening Christmas/New year period).
- JH to lodge the draft GCLR EA with the FWC for approval mid-February (approval process, including likely challenge from the AWU if not party, to take between 4-6 weeks).
- JH to continue engagement with the AWU up until lodgement of the draft EA with the FWC.
- JH to mobilise direct employees in line with our programme when/if the draft EA is approved by the FWC.
- JH to mitigate any delay during the approval process, where possible, with the engagement of subcontractors and/or labour hire personnel, noting the associated risk outlined in our response to Question 2.

- JH to commence brownfield negotiations immediately upon confirmation from the FWC in the event that the greenfield agreement application has been refused (as above, approval process will be approx. 4-6 weeks following lodgement in mid-February).

Given the confirmation provided above, the methodology should assume that the State will not take any role in those negotiations.

4. ***Would John Holland please provide:***

   a. ***a flowchart describing the key steps, intervals and decision points; and***

      Please refer to the "Enterprise Agreement Options Flowchart" attached.

   b. ***an indicative program based on the best estimate of timeframes associated with the options outlined above (setting out the time and process interval at which decisions would need to be made to transition from one option to the next)?***

      Please refer to the "Enterprise Agreement Options Flowchart" attached.

5. ***For Options 2 and 3, would John Holland please provide in table / matrix format:***

   a. ***the specific risks in each option as appropriate to each relevant step;***

   b. ***the mitigations that John Holland will put in place for each of these specific risks;***

   c. ***any other specific risks in each option as relevant to John Holland's subcontract supply chain; and***

      Risks for Options 2 and 3 are summarised in the attached "GCLR3 Risk Matrix".

   d. ***to the extent not already priced within the BPIC impact assessment or able to be mitigated in the view of John Holland, the proposed form of contractual and risk treatment within the Stage 3 Works Deed and D&C Contract.***

      JH propose that the time and cost risks associated with the lack of AWU involvement in the project moving forward are adequately addressed by the State in the Works Deed, and subsequently the D&C Contract (e.g. as a Compensation Event), and any other upstream documents as required.

For Option 3, the risks should be described for a scenario where (1) Stage 3 financial close is deferred until a brownfield Enterprise Agreement has been certified by the Fair Work Commission, and (2) a scenario where the parties proceed to Stage 3 Financial Close following lodgement of the Enterprise Agreement with the Fair Work Commission.

The timing of Stage 3 Financial Close does not change the risks. The only difference is that certain risks, up to the date of Stage 3 Financial Close, will have presented and therefore will be quantifiable prior to Stage 3 Financial Close.

Current Negotiations
(Starting Point)

Continue Greenfields Negotiations

YES

Conclude Greenfield Negotiations
(Target agreement by mid December 2021)

Good faith negotiations continue with all interested parties.

JH maintaining records including invitations, responses, attendance, and status of items under negotiation.

All parties confirming agreement subject to any ABCC / FWC undertakings.

ABCC state 4 week turnaround

Request ABCC Compliance Assessment
(Target submission by mid December 2021)

Financial Close or other mutually agreed commitment is a JH pre-condition to lodgement with FWC

Lodge EA for Approval with FWC
(Target lodgement by Mid February 2022)

Potential legal proceedings
(FWC Full Bench / Federal Court)

EA Challenged

NO

YES

FWC Decision
(Estimate 4-8 weeks)

NO

Challenge Successful
(Estimate 4-8 weeks)

YES

JH able to commence Onboarding Direct Employees (save for interlocutory judgement)

FWC Approve EA

FWC Reject EA

Decision Appealed

YES

Appeal Successful
(Estimate 12-16 weeks)

NO

YES

Decision Appealed

YES

Appeal Successful
(Estimate 12-16 weeks)

NO

YES

Approval Stands

Alternative option is to abandon negotiations & subcontract all works.

Commence Brownfield Negotiations

Greenfields Agreement no longer an option once employees have been engaged on the project.

Engage Workforce
(Estimate 2-4 weeks)

Employees may nominate bargaining representatives for negotiations or represent themselves.

Issue NERR

Commence / Continue Formal Negotiations

No certainty regarding claims - superior T&C's to those reached / anticipated through Greenfield's negotiations likely outcome.

FWC Approve EA

FWC Decision
(Estimate 4-8 weeks)

NO

Appeal Successful
(Estimate 12-16 weeks)

YES

A party may challenge the EA on basis of 'fairly chosen', 'genuine agreement' or other technical ground.

YES

EA Challenged

NO

Lodge EA for Approval with FWC

YES

No mechanism within the FWA to bring negotiations to an outcome.

NO

Vote Carried
(EA Endorsed)

Possible for a party to commence action through the FWC for bargaining orders if required.

Conduct Ballot
(Estimate 4 weeks from NERR issue)

Minimum 21 day negotiation period required from Notice of Employee Representative Rights being issued to a ballot being called.

FWC Reject EA

State requested to support / influence the involvement of all parties (AWU, AMWU, ETU, PPTEU and CFMEU) regardless of path(s) taken.

BPIC IR Risk Summary – without prejudice and subject to change

#	Risk	Implications / Impacts	Time	Cost	Potential JH Mitigation
1.	Greenfield Agreement – without AWU	- Likely challenge by AWU in FWC (refer risks #2-10) - Greater potential for disruption on site (refer risk #11) - The supply chain which traditionally is affiliated with the AWU may choose to not participate in the project. This coupled with limited coverage of the supply chain by the CFMEU may result in supply chain "gaps", increased pricing, programme delays due to availability and inability to meet QPP commitments.	Y	Y	JH considering broadening of the required classifications that will be self-performed. May assist in countering any challenge on the basis of majority coverage.
2.	Greenfield Agreement – Challenge in FWC – challenge unsuccessful	- Delay in mobilisation whilst the challenge plays out - Change in subcontracting strategy to mitigate delay with potential increase in cost - Legal costs associated with the challenge - Adverse Media coverage	Y	Y	JH would be consider absorbing this initial EA approval risk (to the point of initial FWC approval only) upon agreement to the current revised offer price. Mitigation would be the mobilisation of subcontractors/labour hire to meet project requirements whilst initial FWC approval process is conducted.
3.	Greenfield Agreement – challenge in FWC – challenge successful	- Per risk #2 - Default to brownfield negotiation (refer risks #6-10)	Y	Y	Revert to brownfield negotiations as soon as possible.
4.	Greenfield Agreement – appeal – appeal unsuccessful	- Continue recruitment/progress works under the approved Greenfields EA - Legal costs associated with appeal - Adverse Media coverage	N	Y	JH continue to mobilise direct workforce whilst any appeal proceeds.
5.	Greenfield Agreement – appeal– challenge successful	- Per risk #4 - Default to brownfield negotiation (refer risks #6-10)	Y	Y	JH to commence brownfield negotiations as soon as possible.
6.	Brownfield Agreement - Negotiation	- Delay in mobilising labour - uncertain timeframe for bringing brownfield negotiations to a close - Change in subcontracting strategy to mitigate delay with potential increase in cost - Significant risk of protected industrial action in support of the brownfields agreement – causing delay to programme, legal costs and increased EA costs.	Y	Y	JH to utilise all possible mechanisms under the Fair Work Act 2009 (Cth) (FW Act) to finalise negotiations as soon as possible.

		- Risk of additional terms and conditions over and above the baseline Greenfields Agreement - Risk of challenge by unions			
7.	Brownfield Agreement – challenge in FWC – challenge successful	- No EA - no ability to self-perform - Delay to procurement / change in procurement strategy - Increased cost of procurement	Y	Y	JH to consider adopting subcontract strategy to meet program requirements. JH to comply and meet all 'technical' requirements for brownfield negotiations under the FW Act.
8.	Brownfield Agreement – challenge in FWC – challenge unsuccessful	- Per risk #2	Y	Y	
9.	Brownfield Agreement – appeal – appeal successful	- Continue with mobilisation under approved Brownfields agreement during appeal period but then need to cease upon decision - no ongoing ability to self-perform - Delay to procurement / will require change in procurement strategy / Potential for increased cost of procurement	Y	Y	JH continue to mobilise direct workforce whilst any appeal proceeds.
10.	Brownfield Agreement – appeal – appeal unsuccessful	- Continue with recruitment/mobilisation under approved Brownfields agreement - Legal costs associated with appeal	[N?]	Y	
11.	Any delivery related risks and disruptions arising from or in connection with not proceeding with Option 1 – risk of increased industrial disruption during construction	- Different conditions operating on site – potential cost increase - Industrial disharmony / disruption on site – potential impact on productivity	Y	Y	

TS-50

RE: GCLR3 - Exec Update email

From: Loren Hickey-JHG [redacted]
To: Andrew English-JHG [redacted]>, Steve Butcher-JHG [redacted], Ryan Dodd-JHG <[redacted]>, Norman Lovemore-JHG <[redacted]
Cc: Monica Chaplin-JHG <[redacted]>, Trent Smith-JHG [redacted]>, Andrew Priem-JHG <[redacted], Russ Beynon-JHG <[redacted], Ellen Stewart-JHG [redacted] Dean Hooker-JHG <[redacted], Patrick Longmore-JHG [redacted]
Date: Tue, 30 Nov 2021 06:00:15 +1000

Hi Andrew and Steve

Further to my original email on Thursday, there is not too much further to update you on ahead of your meeting with Amanda tomorrow at 10am, however I thought it prudent to outline a couple of key items the bid team would appreciate you ensuring is reiterated to Amanda and John.
Much of this is old ground but seems to be getting lost in translation backdown the line on their side.

Pricing

1. Negotiation of the BPIC Impact Assessment Price / Risk Sharing Approach
    a. Phil and Peter called a meeting with Ryan late on Friday afternoon, in which he reiterated our previous advice i.e. save for errors, the price is not negotiable, particularly in light of the shift away from the multi-union agreement. This is also the same in respect of any risk sharing mechanisms – with such discussions pre-dating the move away from the multi-union approach.
    b. Phil/Peter indicated that they are receiving mixed messages on our approach to the BPIC impact assessment/risk sharing approach.
    c. It would therefore be helpful to reiterate the same message with Amanda and John.
2. Extension of Tender Validity beyond 6 December
    a. The team is currently assessing external market forces to understand any changes to pricing assumptions arising from the further delay in FC (staff escalation, increases in costs of materials etc).

IR Risk Profile

1. The team are currently responding to a set of principles provided by GoldlinQ on Friday 26 Nov. In general, however, John Holland will seek to hold the position represented in recent RFC responses in relation to the increased IR Risk profile presented by any move away from the multi-union agreement.

Council Interface Agreement

1. The JH team and City of Gold Coast team are meeting tomorrow (30 November)
2. There are only 2-3 outstanding principles left to finalise – which we expect will be resolved in this meeting.
3. JH were however disappointed to learn from Council today that they have not yet commenced drafting (an action they took on some time ago)
4. Once these principles are finalised, any residual risk areas will then be discussed with the State. (These have not been shared with the State to date as we are not confident that we have understood Council's position until we see the drafting.)

Timing to reach final agreement on contractual documents by 17 December 2021

1. With this date only three weeks away it is essential that the above points are concluded in the coming week to:
    a. Enable the successful extension of the early works agreement beyond 6 December and
    b. Ensure that the timeline set out by the table in Amanda's original email are met before the Christmas break

Thanks, and as always please let me know if you need to talk through any of the above prior to your meeting.

Loren Hickey
Pre-Contracts Manager, Infrastructure

JOHN HOLLAND

Level 3, 1000 Ann St,
Fortitude Valley QLD 4006
P. [redacted]
M. [redacted]
W. johnholland.com.au

Make flexibility work – if you receive an email from me outside of normal business hours, it's because I'm sending it at a time that suits me.
I'm not expecting you to read it or reply until normal business hours.

[redacted]

TS-51

FW: BPIC RFC

To: Rod Heale-JHG [redacted]>, Anat Hassner-JHG [redacted] Steve Butcher-JHG [redacted] Andrew English-JHG [redacted], David Lehmann-JHG [redacted]

Cc: Ryan Dodd-JHG [redacted], Donna Hoblos-JHG [redacted], Leon Izmiritlian [redacted]>, Meaghan Hunter [redacted], Jarrod McCorkell-JHG [redacted]

Date: Sun, 05 Dec 2021 11:32:24 +1000

Attachments: OFIM3-105-C RT28.pdf (388.97 kB); Qld BPIC Strategy UPDATE - 5 November 2021.pdf (173.35 kB)

Hi all,

Please see attached Request for Clarification (RFC) from the client re GCLR3. The client mentioned yesterday that this was coming. We will need to discuss Monday morning (response is due COB Monday), but based on our current position we will be responding that our offer is contingent on a multi-union EA with the AWU, and by extension that would mean that if this was not achieved we would not proceed with the project. I will start the response on this basis for review and discussion Monday.

The attached follows confirmation from senior TMR representatives that the State and TMR would not be taking any further action to influence the AWU.

A summary table of the key risks and potential mitigations with our current position are as follows:

Risk	***Potential Mitigation***
Project does not continue or TMR commence new tender process (based on the State being unwilling to try and influence the AWU any further). Considerable political and reputational fallout for all parties (State, TMR and JH).	Our response would be clear that we are willing to proceed with the project but must have all unions party to the EA. Noting that it is the State's policy and their responsibility to resolve this issue. Political fallout and management of this with our key Qld client would need to be carefully considered and managed.
Based on above, JH would likely be blamed for the project stalling or falling over. Politically the State and TMR would need to save face and therefore 'point the finger' at JH. Suggestion being that we cannot manage IR risk. Major implications for the future pipeline of work in Qld. We are aware that Scott Gartrell (State IR Consultant) who is heavily involved in this process is assessing tenders for the CBU and Coomera Connector projects.	As above.
BTG Unions have invested considerable time into the development of BPIC and have been clear with JH that if the project does not continue due to BPIC, there will be 'repercussions' industrially for JH. Their concern is that the	Industrial issues will need to be managed at the project, but we could expect considerable risk of increased disputation.

policy may fall over if not implemented on GCLR3. This may impact our ability to win work in other areas of the business in Qld, such as Building (specifically any state funded projects).	We would need to engage with key State Government client bodies (outside of TMR) to manage fallout.

We have discussed the alternate options previously, and I have included these in the update attached (these remain unchanged from previous discussions).

Rod – I will liaise with Nicole regarding a time for Monday.

Cheers,
Trent.

[redacted]

JOHN HOLLAND

Executive Briefing

Topic	QLD BPIC Civil Strategy Update
Date	05/11/2021
Author	Trent Smith

This Paper:

1. provides a short update regarding the ongoing issues with the AWU and their lack of involvement in GCLR3 negotiations; and
2. outlines the potential issues for consideration with the alternate options available based on the AWU position.

This Paper should be read in conjunction with the previous papers that provided the background and key considerations in more detail.

1. AWU Engagement Update

The State and Department of Transport and Main Roads (**DTMR**) have now clearly articulated to us that they are unwilling to intervene any further on this issue. DTMR have advised that the Premier's office is not willing to make any approaches to the AWU given concern they will very likely refuse (I suspect some private off the record discussions have occurred and they have determined that there is little prospect of changing the AWU position).

As part of these discussions the State has also raised an alternate option for our consideration, which would involve moving to brownfield negotiations and bypassing negotiations for a greenfield EA. This option is not recommended and is addressed in a separate email to the operations team.

The State and DTMR continue to press JH on our alternate options for delivery and we have responded, in accordance with Joe Barr's message to Neil Scales (DTMR Director General), that the only way this policy and project can be a success is a joint EA with all unions. We have moved the language away from 'plan b' and 'plan c'.

The concern is that maintaining the above position will be interpreted as JH not willing to proceed without the AWU and by extension not willing to proceed with the project.

2. Alternate Options

If the AWU engagement is unsuccessful (as is now expected) and the option of removing ourselves from the GCLR3 project is not considered appropriate, the two (2) options remain unchanged from previous papers and discussion.

To focus further discussion, I have included the key considerations below along with the potential mitigation or response in red (where such a response is available).

(a) *Proceed with AWU only*:

- Would be considered by the CFMMEU as a 'declaration of war' and the GCLR3 Project could expect a sustained and ongoing campaign (as would the DTMR and the State). All the unions have been sold the belief that this will be the 'flagship' BPIC project and expect to be involved.
- Would likely impact the delivery method, with a shift away from self-perform to majority

subcontract as the ETU and PPTEU are unlikely to endorse an AWU EA or engage in separate negotiations for an EA that contains electrical and plumbing coverage.

- Current building projects would very likely be adversely impacted by the CFMMEU's actions.
- Refusal from the CFMMEU to finalise a new JH Building EA for QLD, impacting future tendering.
    - The above are very real risks that have been reiterated by both the CFMMEU and the other unions during more recent discussions. The only response would be to manage any action from the unions and take appropriate legal action where able. It would be recommended that JH withdraw from the project than proceed with this approach, not just for the above reasons, but DTMR have made clear that they do not want 'industrial issues' on their projects and such campaigns will impact future tendering in any event.

(b) Engage with the building unions (CFMMEU, ETU, PPTEU and AMWU):

- Potential difficulty in securing Greenfield EA on basis that AWU have majority coverage.
    - JH legal advice has confirmed (based on detailed analysis of required classifications) that there is likely a pathway to securing a Greenfield EA without the AWU. The risk of an AWU challenge remains, as does the negative publicity for the project and the policy, however we need to remain cognisant of this advice when discussing the issue with the State and DTMR.
- 'Breaking ranks' from other civil contractors (QMCA) that have indicated they will pursue AWU only strategy (these businesses have a different risk profile with no building division).
    - Comments regarding the introduction of CFMMEU conditions to civil projects is a valid and very real concern. Unfortunately, our proposed solution of an all-union Greenfield Agreement will see this risk realised in any event. The BPIC is a CFMMEU document, and the CFMMEU will win the fight on the ground (irrespective of whether AWU are party or not).
    - The GCLR3 project is more complex than traditional DTMR projects in that there are building works (Depot) and significant licensed plumbing and electrical works, ensuring that regardless of delivery strategy, the BTG will have an active presence on site through members and/or affiliated subcontracts.
- Most significant risk would be any AWU action in response (such as a refusal to engage on Greenfield EAs into the future, particularly in other states such as NSW).
    - Following the development of an IR taskforce, JH is in the process of engaging with the CFMMEU in Victoria for a regional civil EA. It is very likely that the AWU will react poorly to this decision when they become aware in the coming weeks. Meaning the risk of AWU action in response in NSW may well be realised.
    - It should be noted that the Vic decision along with the BPIC decision will increase AWU desperation and may lead to a strong response. [redacted]

TS-52

MEMO



TO: John Witheriff - GoldlinQ Chairman **DATE**: 3 December 2021

FROM: Phil Mumford - CEO

TOPIC - BPIC IR RISK - Draft Principles

NOTE: *The contents of this memo and the responses provided by representatives from John Holland, The State and GoldlinQ were on a "Without Prejudice" basis as no formal governance approval has been provided by any entity.*

PURPOSE

This memo is provided following an email received from Amanda Yeates - DDG of TMR, on 17 November 2021 advising that I was to lead a work stream titled "*Develop principles around risk shift on IR (definition principles)*". A further email was received on 24 November 2021 setting out a set of meeting requirements in order for this draft report to be provided to the Chairman of GoldlinQ on 3rd December 2021 for his review.

BACKGROUND

The State provided a Request for Clarification – GCLR Stage 3 BPIC on 5 July 2021 which requested John Holland (JH) to price and program the additional impact of the Best Practice Industry Conditions (BPIC) on their baseline offer of $633m and a completion date of 31 May 2025.

John Holland responded to the RFC with an additional price of c$184m and 4 months program to the baseline offer. No formal agreement or acceptance to this RFC response has been provided to-date by the State as it is still under review.

The John Holland response was conditional on their obtaining a **certified all union Greenfield Agreement** with the Fair Work Commission (FWC).

A number of workshops have occurred between the State, John Holland and GoldlinQ to understand the processes of achieving a FWC certified agreement including the risks of appeal by a party and what alternate strategies and processes could be undertaken.

At the time of writing this report, John Holland have advised that they have been progressing with the negotiation of a Greenfield Agreement with representatives from the Building Trade Unions (BTU) only, as the Australian Workers Union (AWU) has been unwilling to enter negotiations with John Holland whilst other unions are participating.

John Holland have advised that they will commence the process of lodging a Greenfield BTU Agreement by the middle of December 2021 by referral of the draft agreement to the ABCC (in order to check Code Compliance) and then lodgement with the FWC by the middle of February 2022.



This memo identifies the various cost and time risks at a principle level that would have to be considered should an appeal to the FWC by the AWU of the Greenfield Agreement be achieved and for John Holland to then commence and obtain a Brownfield Agreement with the blue-collar workforce engaged on Stage 3 of the GCLR.

RECOMMENDATION:

1. A set of eight principles were established with agreement except for the items highlighted in yellow:

	DRAFT BPIC PRINCIPLE	Meeting - 1 December 2021 (Outcome)
1	If the Greenfield (all union) Agreement is approved by FWC without challenge, no entitlement for JHG time or cost.	Agreed by all parties – if Greenfield all union Agreement, no entitlement. If Greenfield Agreement with BTG, refer to item 6.
2	If the Greenfield or Brownfield Agreement is challenged or appealed, JHG is entitled to compensation for their Third Party Legal Costs and Relief for Time until a certified FWC Enterprise Agreement (EA) is obtained (provided JHG do not cause or contribute to the delay in obtaining the certified EA). • In relation to a Brownfield Agreement, if AWU Appeal is successful due to a process issue- no Relief for Time or Third Party Legals as this is in the control of JH.	(a) Agreed that third party legal costs will be covered but need to structure carefully, with all mechanisms to be agreed and to discuss and mitigate appropriately prior to incurring costs (ie Code Compliance). (b) Any Time mitigation to be dealt with at item 4. (c) Agreed for LDs relief for EOT. (d) Prolongation costs determined at the time incurred but are payable only in the event that Practical Completion (PC) is actually later than the Date for PC (i.e. entitlement to these costs crystallises post PC.) **Definition of Prolongation costs not agreed** (Note: State requested direct costs only / JH requested both direct and indirect including margin but not profit). See comments below. (e) Agreed that if JH cause or contribute to a process/compliance issue. eg. missing time, no entitlement. But if an interpretation issue, eg. change in law/development of law then JH has entitlement
3	Any relief for Time will be granted on the basis of actual Delay beyond the Date for Practical Completion. Demonstration of progress and mitigation required progressively at the time of monthly claims, but assessment and entitlement crystallizes when there is actual delay at end of program.	(a) IV to determine as usual. This item applies from FC until a certified agreement finalised. (b) At the point of time of claim: • assess time – EOT locked in at this point • assess prolongation costs but not paid refer to item 2(d) (c) When actual delay crystallises post Date for PC: • prolongation costs paid based on the actual delay, not the full EOT



	DRAFT BPIC PRINCIPLE	Meeting - 1 December 2021 (Outcome)
4	JHG must be required to reasonably mitigate any Time delay. Where there is a Relief Event, and subject to the State's review/approval, JHG to be entitled to Additional Cost compensation for mitigations (Direct Costs), including: • Change to subcontracting strategy; • Change to Labour Hire resourcing; • Change to JHG existing EA's and subsequent employee conditions (i.e. top-up); • Change to program [re-sequence] resulting in additional cost; • Acceleration when Directed by the State; • Other.	(a) Agreed for lawyers to Incorporate actual contractual obligation to mitigate including process to discuss mitigation options with the State, similar to Modification process. (Note: Must be timely). (b) If there is a safety issue which requires immediate action, JH can make the call as principal contractor. (c) **Definition of Cost Compensation not agreed** (Note: State requested direct costs only / JH requested both direct and indirect including margin but not profit). See comments below.
5	JHG to be entitled to additional compensation including for (subject to discussions with the State): • Additional employee conditions above and beyond BPIC (JHG to agree with State before inclusion in EA).	(a) Entitlement only for changes above RFC offer – BPIC Baseline, in a Brownfield scenario and relation to direct labour only. (b) Includes any conditions not just employee conditions, (but will need to be defined). (c) JH to consult with State if there are costs, to provide visibility and robust process to discuss how to deal with costs. (This will be in the form of either an SPB subgroup, a risk committee or a third party observer).
6	JHG entitled to BPIC related Disruption by the AWU (provided the Disruption is not caused or contributed to by JH and not included in JH RFC offer).	Not Agreed – see comments below JH also requested disruption costs which impact on Supply Chain (Not Agreed).
7	JH will do all things reasonably practicable to obtain a FWC EA in a timely manner.	Agreed
8	JHG to update its *Management Plan* to reflect BPIC IR Process and strategy.	Agreed – update Management Plan from January 2022 incorporating processes and description of mitigation.



2. Options for consideration in relation to the items highlighted are discussed below:

   a. Definition of Prolongation costs not agreed (Note: State requested direct costs only / JH requested both direct and indirect including margin but not profit).

      There is no precedent in a D&C Contract for the State to take risk in relation to time and cost whilst a Contractor obtains a certified Agreement in the FWC. Contractors when tendering would base their offer on existing arrangements and EBA's.

      This TIME risk occurs when there is an appeal by the AWU on the John Holland lodgement of the Greenfield BTU Agreement. This risk extinguishes when the FWC certifies either the Greenfield or Brownfield Agreement (estimated to be a minimum 6 weeks from lodgement but will be longer on appeal).

      Agreement has been reached for the prolongation costs to be only paid when an actual delay to the Date for Practical Completion is crystalised.

      The State has requested that **Direct Costs** only be considered should an Extension of Time be granted based upon a challenge or appeal by the AWU.

      John Holland have requested both **Direct and Indirect Costs and Margin**.

      OPTION: ***Parties to consider a tiered approach to prolongation costs. The first two months of prolongation to include John Holland Direct, Indirect and Margin. The second two months to reduce to Direct and Indirect Costs and after that expires, only Direct Costs by JH.***

      The parties will need to agree what is included in indirect costs, particularly off-site indirect costs.

      The rationale for the above is that it provides an incentive to all parties to resolve the delay in the quickest timeframe and a best for project outcome.

   b. Where John Holland Mitigates a Delay, definition of Cost Compensation not agreed (Note: State requested direct costs only / JH requested both direct and indirect including margin but not profit).

      Similar to point (a) above, there is no precedent in a D&C Contract when a Contractor has sought a Compensation Event when mitigating a time delay in obtaining a Certified Agreement by the FWC. This risk is normally the D&C Contractors.



The State has requested that **Direct Costs** only of mitigation activities be considered for payment.

John Holland have requested both **Direct and Indirect Costs and Margin**.

There is benefit to all parties if sensible and timely mitigations are deployed to deal with a EOT event and an option for consideration is consistent with point (a) above.

OPTION: ***Parties to consider a tiered approach to mitigation costs. The first two months of mitigation to include John Holland Direct, Indirect and Margin. The second two months to reduce to Direct and Indirect Costs and after that expires only Direct Costs by JH.***

The parties will need to agree what is included in indirect costs, particularly off-site indirect costs.

The rationale for the above is that it provides an incentive to all parties to resolve by way of mitigation a delay and is a best for project outcome.

c. It has **not** been agreed for John Holland to be able to claim Time and Cost Relief for Industrial Disruption during the delivery of the project. JH also requested disruption costs which impact on Supply Chain (Also - Not Agreed).

Unlike all other risks identified in this memo the request for Time and Cost Relief for Industrial Disruption would occur for the entire duration of the project until completion.

There is no precedent for this type of Compensation event in a D&C Contract as this is normally a D&C Contractor risk as this is the party best able to manage or mitigate the risk.

Both the State and GoldlinQ would not be able to manage the impact of this type of risk.

John Holland assumed a level of this risk when providing the tendered price of $633m and a Completion Date of 31 May 2025.

The RFC BPIC response from John Holland of $184m and four months of program extension, also included time and costs allowances for lost productivity, which is a form of disruption type risk. The John Holland RFC response also includes cost for additional senior resources to manage relationships on the ground in delivery to deal with this type of risk.

John Hollands position is that this risk is additional to both the tendered and RFC response as this relates to direct AWU activity and demarcation issues which would not



have eventuated in an all Union Greenfield Agreement. John Holland have sought very broad time and cost relief for BPIC Disruption.

OPTION: It will be very difficult to clearly identify industrial disruption that relates solely to either a BPIC Greenfield BTU or a Brownfield Agreement. Disruption can take many forms and John Holland assumed a level of this risk in their base and RFC Offer. John Holland can also mitigate this type of risk with experienced resources on the ground for the duration of this project.

The only option in relation to this type of risk principle is for it to have the following:

1. **Definitions as to cause which must be very narrowly defined (ie Caused solely by the AWU and directly related to BPIC);**
2. **John Holland must not have caused or contributed to this event;**
3. **The Industrial Disruption cannot be related to either the John Holland original offer or BPIC RFC;**
4. **Be time related only (and not related to the supply chain as the State has no ability to direct or influence the selection of supply chain and sub-contractors;**
5. **Be for a material length of time – ie More than 48 hours in duration; and**
6. **Cause the Date for Completion to not be achieved.**

The legal drafting of this principle will need to be carefully considered to include all of the above items.

End Memo.

ATTACHMENTS

1. **Working document incorporating responses from John Holland and State**
2. **John Holland Flow-chart for obtaining Certified Agreement**
3. **John Holland Risk summary table**
4. **Email from DDG TMR 17/11/2021**
5. **Further email from DDG TMR 24/11/2021**

State comments – 30 November 2021:

The State has sought through the Request For Clarification (RFC) process to gain a better understanding of the industrial relations options presented by the D&C Contractor (John Holland) to implement an Enterprise Agreement by 28 February 2022 and its potential to impact the schedule, risks and costs of the project, including the timing of financial close of Stage 3.

The State anticipates that the Early Works extension letter or Fourth D&C Commitment Deed Poll will contain a statement that the D&C Contractor will continue to progress the resolution of the BPIC matters with the State and GoldlinQ in the manner agreed by the parties.

1. Approval / certification of Enterprise Agreement

The State's expectation is that John Holland will put in place industrial arrangements with its workforce that are commensurate with industry best practice and facilitate a stable and harmonious platform for timely and cost effective delivery of the project.

The State acknowledges John Holland's proposed IR strategy for the progression of the negotiation an Enterprise Agreement that is compliant with the Building Code and lodged for approval with the ABCC if possible prior to 25 December 2021, and with the FWC as soon as possible after confirmation from ABCC.

The State also acknowledges that John Holland will use its best endeavours to secure the approval of the Enterprise Agreement prior to 28 February 2022.

Once the approval is obtained and satisfactory agreement is reached by the parties as to items 2 and 3 below, the State will determine whether the project will proceed to contract and financial close.

2. Agreed adjustment to the contract price arising from BPIC-related impacts

Parallel to the approval process described in item 1 above, the parties will negotiate the adjustment to the contract price arising from BPIC-related impacts which will be agreed prior to the State determining whether the project will proceed to contract close.

3. Proposed risk allocation for post-contract close BPIC-related impacts

The State provides the following comments on a without prejudice basis regarding the proposed risk allocation for post-contract close BPIC-related impacts.

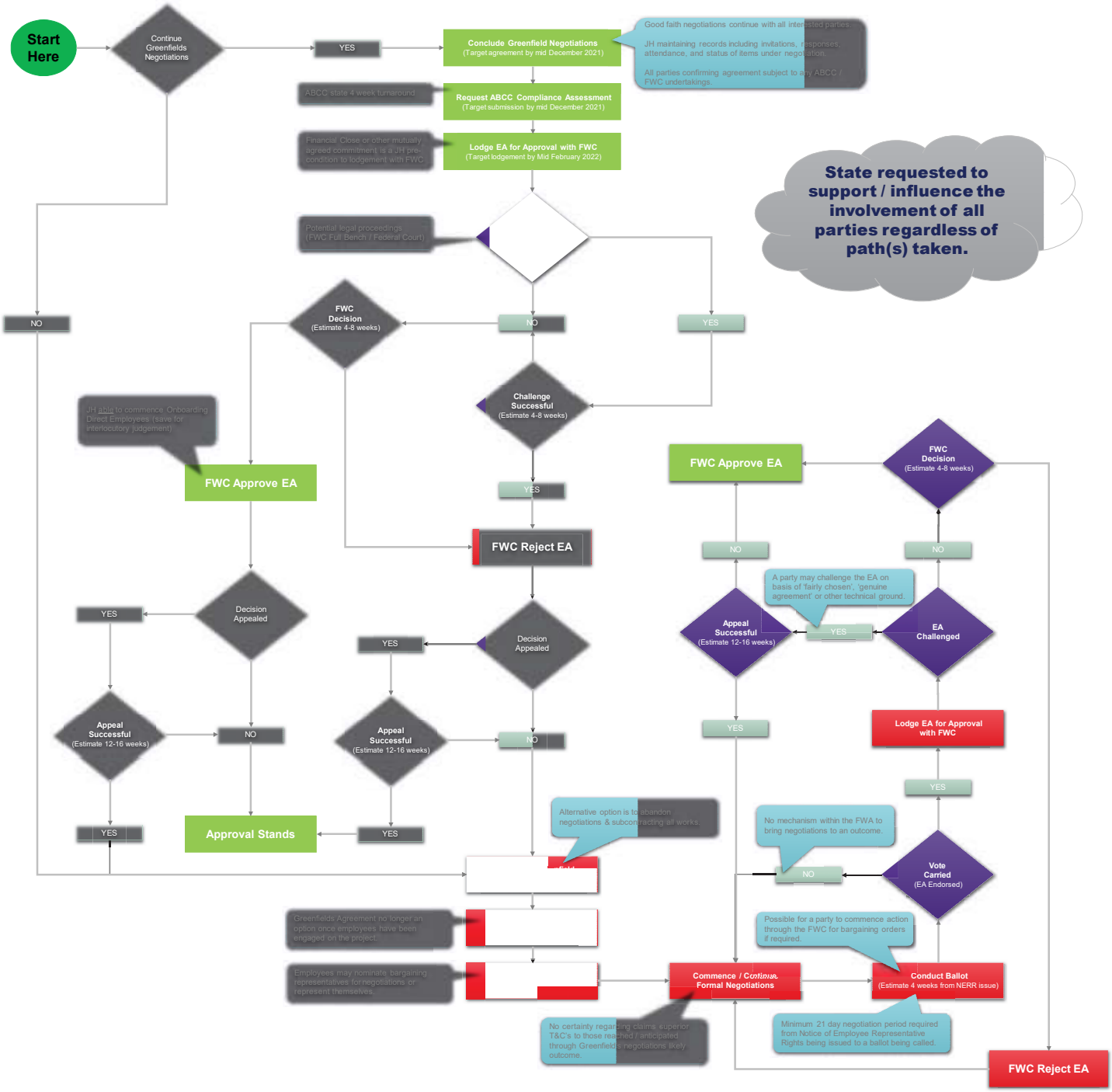
	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021
1	If the Greenfield Agreement is approved by FWC without challenge, no entitlement for JHG time or cost.	Subject to JH being entitled to 'IR Delivery Relief' [to be defined – refer Principle #6], this is ok in principle.	The State agrees with the GoldlinQ position. In relation to IR Delivery Relief, see comments below.	Agreed by all parties – if Greenfield all union Agreement, no entitlement. If Greenfield Agreement with BTG, refer to item 6.
2	If the GREENFIELD AGREEMENT Or BROWNFIELD AGREEMENT is challenged or appealed, JHG is entitled to compensation for their Third Party Legal Costs and Relief for Time until a certified FWC Enterprise Agreement (EA) is obtained (provided JHG do not cause or contribute to the delay in obtaining the certified EA). • In relation to a Brownfield Agreement, if AWU Appeal is successful due to a process issue- no Relief for Time or Third Party Legals as this is in the control of JHG.	In the event of GFA or BFA challenge or appeal, JH entitled to: (a) Third Party Legal Costs; (b) Reasonable mitigation costs [refer Principle #4] (c) EOT – with LD relief (d) Prolongation Costs associated with the EOT [JH Note: JH may be able to consider that these are payable only in the event that PC is actually later than the Date for PC i.e. entitlement to these costs crystallises post PC.] (e) No time or cost entitlement in the event that a challenge/appeal is successful as a result of JH's failure to comply with BFA legal requirements ['Process Issue' rather than an 'Interpretation Issue' – can we define?]	The State has no objection to the GoldlinQ position in principle, subject to the comments below. (a) The treatment of legal costs to be discussed to ensure that there are no Commonwealth Code implications for any party. (c) The State assumes that this is LD relief for time, with other prolongation costs dealt with in (d). (d) The types of and mechanisms for prolongation costs are to be discussed. (e) JH is requested to explain its comment further.	Remainder of principles apply if not all union agreement. (a) Agreed that third party legal costs will be covered but need to structure carefully, with all mechanisms to be agreed and to discuss and mitigate appropriately prior to incurring costs. (b) dealt with in item 4. (c) LDs relief agreed. (d) Prolongation costs determined at the time incurred. **ACTION**: to be determined how this will work if actual delay is less than initial determination – lawyers to draft. **ACTION**: Definition of prolongation costs to be agreed e.g. direct costs and indirect including on-site and for agreement as to off-site overhead,

	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021
				for definition as to margin (i.e. not profit). (e) Agreed that if process/compliance issue e.g. missing time, no entitlement. But if it's an interpretation issue e.g. change in law/development of law then JH has entitlement **ACTION**: lawyers to draft.
3	Any relief for Time will be granted on the basis of actual Delay beyond the Date for Practical Completion. Demonstration of progress and mitigation required progressively at the time of monthly claims, but assessment and entitlement crystallises when there is actual delay at end of program.	Refer to 2(c) & (d) above. EOT (with LD relief) to crystallise at the time of the event. However, associated prolongation costs are only payable in the event PC is later than the Date for PC i.e. payment only crystalises post PC.	The State has no objection in principle, subject to further discussions regarding the process and timing mechanisms. The State also refers to the comments in 2(d) above regarding prolongation costs.	IV to determine as usual. This item applies from FC until a certified agreement finalised. At the point of time of claim: • assess time – EOT locked in at this point • assess prolongation costs but not paid When actual delay crystallises post Date for PC: • prolongation costs paid based on the actual delay, not the full EOT See 2(d) above for prolongation costs definition.

	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021
4	JHG must be required to reasonably mitigate any Time delay. Where there is a Relief Event, and subject to the State's review/approval, JHG to be entitled to Additional Cost compensation for mitigations (Direct Costs), including: • Change to subcontracting strategy; • Change to Labour Hire resourcing; • Change to JHG existing EA's and subsequent employee conditions (i.e. top-up); • Change to program [re-sequence] resulting in additional cost; • Acceleration when Directed by the State; • Other.	The entitlement will be for all actual costs incurred including direct and indirect costs including overheads and margin (but not profit).	The State agrees with GoldlinQ's comment, subject to agreement being reached as to contractual mechanisms to support mitigation of these risks by JH and the obligation on JH to offer alternatives to mitigate delay. Onsite overheads and onsite direct costs are acceptable in principle.	Incorporate actual contractual obligation to mitigate including process to discuss mitigation options with the State, similar to Modification process. Must be timely. **ACTION**: Exact nature of costs to be determined. If there is a safety issue, JH can make the call as principal contractor.
5	JHG to be entitled to additional compensation including for (subject to discussions with the State): • Additional employee conditions above and beyond BPIC (JHG to agree with State before inclusion in EA).	Compensation for any change in condition (compared with BPIC Baseline) – not just employee conditions, subject to consultation with the State (noting that the State cannot unreasonably withhold its endorsement/approval).	JH is requested to clarify the extent to which the risk of paying above the assumed employee conditions and rates was allowed for in its original offer. JH to also advise as to how it is proposed that this risk is to be appropriately managed and mitigated by the parties.	Entitlement only for changes above RFC offer – BPIC Baseline, in a Brownfield scenario and relation to direct labour only. **ACTION**: Includes any conditions not just employee conditions, but will need to be defined.

	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021
				JH to consult with State if there are costs, to provide visibility and robust process to discuss how to deal with costs. This will be in the form of either an SPB subgroup, a risk committee or a third party observer. Could be additional cost in relation to final agreement lodged if different to assumptions allowed for.
6	JHG entitled to BPIC related Disruption by the AWU (provided the Disruption is not caused or contributed to by JHG and not included in JHG RFC offer).	For the purposes of this risk, and Risk Principle #1 above, 'IR Delivery Risk' is defined as the following: - All circumstances where the AWU are not party to the project EA. - Different terms and conditions adopted onsite, i.e. subcontractor adopting conditions inconsistent with GCLR3 BPIC Guidance Document. - Industrial disharmony and disruption on site associated with demarcation, coverage, disparity in conditions.	The State notes there is no precedent for the inclusion of these issues in any PPP project in Queensland. The State agrees with GoldlinQ's comment to the extent that it is regarding relief for onsite industrial stoppage by the AWU directly related to BPICs (which is not caused or contributed to by JH and not included in the JH RFC offer). Other matters raised by JH are not agreed and require further clarification.	JH to use best endeavours to mitigate this, and no entitlement if caused or contributed by JH. There must be a material impact e.g. industrial stoppage. Needs to be clear and concise, discrete activities.
7	JHG will do all things reasonably practicable to obtain a FWC EA in a timely manner.	Agreed, noting that JH will be subject to ABCC and FWC assessment and approval timelines.	As noted in item 1 above, the State's expectation is that John Holland will put in place industrial arrangements with its workforce that are commensurate with	

	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021
			industry best practice and facilitate a stable and harmonious platform for timely and cost effective delivery of the project. The State acknowledges John Holland's proposed IR strategy for the progression of the negotiation an Enterprise Agreement that is compliant with the Building Code and is lodged for approval with the FWC if possible prior to 25 December 2021	
8	JHG to update its *Management Plan* to reflect BPIC IR Process and strategy.	Management Plans to be updated consistent with legal/code requirements.	As part of the updates to the Management Plan, the State will require GoldlinQ and JH to provide in detail its approach to managing any challenges or appeals to the brownfield or greenfield agreements, including the use of specialist IR advisors.	Draft Management Agreement from January – processes and description of mitigation.
9	To be discussed impact - the supply chain choosing to not participate in the project, coupled with limited coverage of the supply chain by those Party to the negotiated Agreement may result in supply chain "gaps", increased pricing, programme delays due to availability, and inability to meet QPP commitments.	JH seeks entitlement for BPIC related disruption in relation to this.	Not agreed by State.	**ACTION**: To be further discussed.


Start Here
Continue Greenfields Negotiations
YES
Conclude Greenfield Negotiations
(Target agreement by mid December 2021)
Good faith negotiations continue with all interested parties.
JH maintaining records including invitations, responses, attendance, and status of items under negotiation.
All parties confirming agreement subject to any ABCC / FWC undertakings.
ABCC state 4 week turnaround
Request ABCC Compliance Assessment
(Target submission by mid December 2021)
Financial Close or other mutually agreed commitment is a JH pre-condition to lodgement with FWC
Lodge EA for Approval with FWC
(Target lodgement by Mid February 2022)
Potential legal proceedings (FWC Full Bench / Federal Court)
State requested to support / influence the involvement of all parties regardless of path(s) taken.
NO
FWC Decision
(Estimate 4-8 weeks)
NO
YES
Challenge Successful
(Estimate 4-8 weeks)
JH able to commence Onboarding Direct Employees (save for interlocutory judgement)
FWC Approve EA
YES
FWC Reject EA
FWC Approve EA
FWC Decision
(Estimate 4-8 weeks)
NO
NO
A party may challenge the EA on basis of 'fairly chosen', 'genuine agreement' or other technical ground.
Appeal Successful
(Estimate 12-16 weeks)
YES
EA Challenged
YES
Decision Appealed
YES
Decision Appealed
YES
Appeal Successful
(Estimate 12-16 weeks)
NO
Appeal Successful
(Estimate 12-16 weeks)
NO
YES
Lodge EA for Approval with FWC
YES
YES
Approval Stands
YES
Alternative option is to abandon negotiations & subcontracting all works.
No mechanism within the FWA to bring negotiations to an outcome.
NO
Vote Carried
(EA Endorsed)
Greenfields Agreement no longer an option once employees have been engaged on the project.
Possible for a party to commence action through the FWC for bargaining orders if required.
Employees may nominate bargaining representatives for negotiations or represent themselves.
Commence / Continue Formal Negotiations
Conduct Ballot
(Estimate 4 weeks from NERR issue)
No certainty regarding claims superior T&C's to those reached / anticipated through Greenfields negotiations likely outcome.
Minimum 21 day negotiation period required from Notice of Employee Representative Rights being issued to a ballot being called.
FWC Reject EA

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BPIC IR Risk Summary - DRAFT ONLY – without prejudice and subject to change

#	Risk	Implications / Impacts	Time	Cost
1.	Greenfield Agreement – without AWU	- Likely challenge by AWU in FWC (refer risks #2-10) - Greater potential for disruption on site (refer risk #11)	Y	Y
2.	Greenfield Agreement – Challenge in FWC – challenge unsuccessful	- Delay in mobilisation whilst the challenge plays out - Change in subcontracting strategy to mitigate delay with potential increase in cost - Legal costs associated with the challenge - Adverse Media coverage	Y	Y
3.	Greenfield Agreement – challenge in FWC – challenge successful	- Per risk #2 - Default to brownfield negotiation (refer risks #6-10)	Y	Y
4.	Greenfield Agreement – appeal – appeal unsuccessful	- Continue recruitment/progress works under the approved Greenfields EA - Legal costs associated with appeal - Adverse Media coverage	N	Y
5.	Greenfield Agreement – appeal– challenge successful	- Per risk #4 - Default to brownfield negotiation (refer risks #6-10)	Y	Y
6.	Brownfield Agreement - Negotiation	- Delay in mobilising labour - uncertain timeframe for bringing brownfield negotiations to a close - Change in subcontracting strategy to mitigate delay with potential increase in cost - Risk of additional terms and conditions over and above the baseline Greenfields Agreement - Risk of challenge by unions	Y	Y
7.	Brownfield Agreement – challenge in FWC – challenge successful	- No EA - no ability to self-perform - Delay to procurement / change in procurement strategy - Increased cost of procurement	Y	Y
8.	Brownfield Agreement – challenge in FWC – challenge unsuccessful	- Per risk #2	Y	Y
9.	Brownfield Agreement – appeal – appeal successful	- Continue with mobilisation under approved Brownfields agreement during appeal period but then need to cease upon decision - no ongoing ability to self-perform - Delay to procurement / will require change in procurement strategy / Potential for increased cost of procurement	Y	Y
10.	Brownfield Agreement – appeal – appeal unsuccessful	- Continue with recruitment/mobilisation under approved Brownfields agreement - Legal costs associated with appeal	[N?]	Y
11.	Lack of AWU involvement per risk item 1 – risk of increased industrial disruption during construction	- Different conditions operating on site – potential cost increase - Industrial disharmony / disruption on site – potential impact on productivity	Y	Y

COM.0001.0005.9742_0016

Brownfield Negotiations concerns (based on State proposal of bypassing Greenfield):

a) BTG unions acceptance and commitment to this process.

b) A party successfully challenging the brownfield EA on the basis of "fairly chosen" or "genuine agreement". JH considers this a high risk based on the proposed process for implementing particularly given the advanced stage of current Greenfields negotiations.

c) Based on the proposed process, the project EA will effectively be the document agreed with the BTG unions and the AWU are unlikely to participate unless it is the AWU only and it is a document that reflects their position, previously stated to be the Brisbane Metro EA.

d) Any deviation from the 'agreed' project EA with the BTG unions to accommodate the AWU will inevitably lead to significant disruption and disputation from the BTG Unions.

e) No certainty regarding terms and conditions. Despite having an agreed document with the BTG unions, there is nothing to prevent employees to make claims for superior terms.

f) No certainty regarding the time required to finalise an agreement. There is no mechanism to try and bring negotiations to a close via the FWC (there is the potential to seek good faith bargaining orders in the FWC, but nothing that guarantees an outcome). Given industrial action risk that is present whilst bargaining under the Fair Work Act 2009 (Cth), you could not mobilise until such time as the EA is agreed and lodged.

Noting – risks (e) and (f) apply in any brownfield scenario.

COM.0001.0005.9742_0017

From: Amanda Yeates
To: Peter A Papantoniou; Phil Mumford; trent.smith[redacted] BM-JWitheriff-MinterEllison; steve.butcher[redacted]; andrew.english[redacted]
Subject: Three point plan fro GCLR
Date: Wednesday, 17 November 2021 10:02:18 PM

Good evening all

John, Andrew, Steve and myself, along with Nick Ng, met on Tuesday as part of our regular catch up series. We discussed three key activities to support continued progress on GCLR. As self appointed scribe I undertook to circulate the 'three point plan'. You will see each of the actions has a nominated lead. I expect that John, Andrew, Steve and I will meet again Lear/ mid next week and these three points will be a focus of discussion.

1. Extension of early works (with a view to an extension to late February/ early March). **Lead- Peter Papantoniou**
2. A plan, with timeframes, to reach an appropriate industrial instrument for the project. **Lead- Trent Smith**
3. Develop principles around risk shift on IR (definition principles) **Lead- Phil Mumford**

Thank you

'Respect the Distance'. Stay Safe.

Amanda Yeates BE (Civil) RPEQ FIEAust CPEng EngExec NER APEC Engineer IntPE (Aus) MAICD
Deputy Director-General | Infrastructure Management & Delivery
Department of Transport and Main Roads

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From: Amanda Yeates
To: contact.Peter A Papantoniou; Trent Smith-JHG; Ryan Dodd-JHG; Phil Mumford
Cc: BM-JWitheriff-MinterEllison; steve.butcher[redacted]; andrew.english[redacted]
Subject: Update from our Monday meeting
Date: Wednesday, 24 November 2021 7:50:22 AM

Good morning all

Firstly thank you to everyone for all of the work that has been progressing to identify a pathway to finalising industrial agreements for the project; identifying the commercial risk issues that require management, and the extension of the early works. These three areas will continue to be key focus areas for our respective teams over the coming days and weeks. There is a lot to wrap up in the lead up to Christmas and at our meeting on Monday, John, Steve, Andrew and I discussed the following target timeframes:

Target Date	Activities
25 November	State, GoldlinQ and JH commercial teams to meet with a view to finalising and documenting: • a set of agreed principles around the above commercial risk issues; and • the proposed pathway to finalise industrial agreements for the project.
30 November / 1 December	• Further meeting for this group to consider progress on the above issues • Finalisation of timeframe for extension of early works
3 December	Finalisation of commercial risk principles and commencement of legal drafting
10 December	Finalisation of Gold Coast Council Interface Agreement
17 December	Final agreement on contractual documents, to enable all parties to commence internal approval processes
End February – early March	Achievement of contractual and financial close

We note that we are presently desiring that finalisation of contract documents can occur by Christmas enabling each of our organizations to provide approval which would then enable contractual and financial close to occur at the end of February / early March.

'Respect the Distance'. Stay Safe.

Amanda Yeates BE (Civil) RPEQ FIEAust CPEng EngExec NER APEC Engineer IntPE (Aus) MAICD
Deputy Director-General | Infrastructure Management & Delivery
Department of Transport and Main Roads

Please see **attached** updated documents as discussed and agreed during the meeting today 16 December 2021.

The JH actions are highlighted in yellow.

Thanks,
Kirstyn

Kirstyn Smith
Commercial and Legal Manager

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3240 Surfers Paradise Boulevard
Surfers Paradise, Queensland 4217
Direct: [redacted] | **Mobile:** [redacted]
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State comments – ~~30 November~~15 December 2021:

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The State also acknowledges that John Holland will use its best endeavours to secure the approval of the Enterprise Agreement prior to 28 February 2022.

Once the approval is obtained and satisfactory agreement is reached by the parties as to items 2 and 3 below, the State will determine whether the project will proceed to contract and financial close.

2. Agreed adjustment to the contract price arising from BPIC-related impacts

Parallel to the approval process described in item 1 above, the parties will negotiate the adjustment to the contract price arising from BPIC-related impacts which will be agreed prior to the State determining whether the project will proceed to contract close.

3. Proposed risk allocation for post-contract close BPIC-related impacts

The State provides the following comments on a without prejudice basis regarding the proposed risk allocation for post-contract close BPIC-related impacts.

	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021	JH – 8 Dec	State - 15 December 2021	16 Dec 2021
1.	If the Greenfield Agreement is approved by FWC without challenge, no entitlement for JHG time or cost.	Subject to JH being entitled to 'IR Delivery Relief' [to be defined – refer Principle #6], this is ok in principle.	The State agrees with the GoldlinQ position. In relation to IR Delivery Relief, see comments below.	Agreed by all parties – if Greenfield all union Agreement, no entitlement. If Greenfield Agreement with BTG, refer to item 6.	-	If Greenfield all union Agreement, no entitlement - Agreed by all parties. If Greenfield Agreement with BTG, refer to item 6 for the State's comments.	Agreed.
2.	If the GREENFIELD AGREEMENT Or BROWNFIELD AGREEMENT is challenged or appealed, JHG is entitled to compensation for their Third Party Legal Costs and Relief for Time until a certified FWC Enterprise Agreement (EA) is	In the event of GFA or BFA challenge or appeal, JH entitled to: (a) Third Party Legal Costs; (b) Reasonable mitigation costs [refer Principle #4] (c) EOT – with LD relief (d) Prolongation Costs associated with the EOT [JH Note: JH may be able to consider that these are payable only in the event that PC is actually	The State has no objection to the GoldlinQ position in principle, subject to the comments below. (a) The treatment of legal costs to be discussed to ensure that there are no Commonwealth Code implications for any party. (c) The State assumes that this is LD relief for time, with	Remainder of principles apply if not all union agreement. (a) Agreed that third party legal costs will be covered but need to structure carefully, with all mechanisms to be agreed and to discuss and mitigate appropriately prior to incurring costs.	-	The State reiterates its comment in the third column i.e, the State has no objection to the GoldlinQ position in the first column in principle, subject to the comments below. (aa) Mitigation – Contractual mechanisms to be developed which will provide that In the event of GFA or BFA challenge or appeal, JH entitlements to	Margin (OH and Profit) Agreed – Prolongation costs are only paid if there is an EOT event. EOT assessed at the point in time. Only if the delay crystallises shall JH be entitled to time relief.

	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021	JH – 8 Dec	State - 15 December 2021	16 Dec 2021
	obtained (provided JHG do not cause or contribute to the delay in obtaining the certified EA). □ In relation to a Brownfield Agreement, if AWU Appeal is successful due to a process issue- no Relief for Time or Third Party Legals as this is in the control of JHG.	later than the Date for PC i.e. entitlement to these costs crystallises post PC.] (e) No time or cost entitlement in the event that a challenge/appeal is successful as a result of JH's failure to comply with BFA legal requirements ['Process Issue' rather than an 'Interpretation Issue' – can we define?]	other prolongation costs dealt with in (d). (d) The types of and mechanisms for prolongation costs are to be discussed. (e) JH is requested to explain its comment further.	(b) dealt with in item 4. (c) LDs relief agreed. (d) Prolongation costs determined at the time incurred. **ACTION**: to be determined how this will work if actual delay is less than initial determination – lawyers to draft. **ACTION**: Definition of prolongation costs to be agreed e.g. direct costs and indirect including on-site and for agreement as to off-site overhead, for definition as to margin (i.e. not profit). (e) Agreed that if process/compliance issue e.g. missing time, no entitlement. But if it's an interpretation issue e.g. change in law/development of law then JH has entitlement **ACTION**: lawyers to draft.		be subject to demonstration of mitigation e.g. via consideration of alternative IR strategies. (a) The treatment of third party legal costs to be discussed to ensure that there are no Commonwealth Code implications for any party. Agreed This may be a recoverable mitigation cost. The State's preference is for the legal costs to be capped and addressed in the BPIC impact allowance. For clarity, the State's understanding is that the third party legal costs are only for formal legal proceedings (legal challenges and appeals) by ~~the AWU~~ a non-party to the agreement~~in a court of law~~. All other legal costs should already be allowed for in JH's base offer and RFC Response. Includes challenges to the FWC determination.	Tiered approach to be considered provided that the option to evoke a mitigation strategy is reasonably considered by the State – to mitigate time. 1. The State's preference is for the legal costs to be reasonable and necessary. 2. The State's preference is for legal costs to be addressed as a reasonable mitigation costs. **JH to take this away and consider a narrower/cleaner recommendation. Before 10am 17 Dec 21.**
3.	Any relief for Time will be granted on the basis of actual Delay beyond the Date for Practical Completion. Demonstration of progress and mitigation required progressively at the time of monthly	Refer to 2(c) & (d) above. EOT (with LD relief) to crystallise at the time of the event. However, associated prolongation costs are only payable in the event PC is later than the Date for PC i.e. payment only ~~crystallises~~crystallises post PC.	The State has no objection in principle, subject to further discussions regarding the process and timing mechanisms. The State also refers to the comments in 2(d) above regarding prolongation costs.	IV to determine as usual. This item applies from FC until a certified agreement finalised. At the point of time of claim: □ assess time – EOT locked	-	The State reiterates its comment in the third column i.e, the State has no objection in principle to GoldlinQ's position in the first column, subject to further discussions regarding the process and timing mechanisms.	Agreed.

	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021	JH – 8 Dec	State - 15 December 2021	16 Dec 2021
	claims, but assessment and entitlement crystallises when there is actual delay at end of program.			in at this point □ assess prolongation costs but not paid When actual delay crystallises post Date for PC: □ prolongation costs paid based on the actual delay, not the full EOT See 2(d) above for prolongation costs definition.		The State also refers to the mitigation comment in item 2(aa) above.	
4	JHG must be required to reasonably mitigate any Time delay. Where there is a Relief Event, and subject to the State's review/approval, JHG to be entitled to Additional Cost compensation for mitigations (Direct Costs), including: □ Change to subcontracting strategy; □ Change to Labour Hire resourcing; □ Change to JHG existing EA's and subsequent employee conditions (i.e. top-up); □ Change to program [re-sequence] resulting in additional cost;	The entitlement will be for all actual costs incurred including direct and indirect costs including overheads and margin (but not profit).	The State agrees with GoldlinQ's comment, subject to agreement being reached as to contractual mechanisms to support mitigation of these risks by JH and the obligation on JH to offer alternatives to mitigate delay. Onsite overheads and onsite direct costs are acceptable in principle.	Incorporate actual contractual obligation to mitigate including process to discuss mitigation options with the State, similar to Modification process. Must be timely. **ACTION**: Exact nature of costs to be determined. If there is a safety issue, JH can make the call as principal contractor.	If this risk considers any delay to GFA, BFA and/or the risk associated with the inability to achieve a 'multi-union' EA (inclusive of the AWU), then it likely adequately addresses Risk #9 below.	The State reiterates its comment in the third column i.e, the State agrees with GoldlinQ's comment in the first column, subject to agreement being reached as to contractual mechanisms to support mitigation of these risks by JH and the obligation on JH to offer alternatives to mitigate delay. Onsite overheads and onsite direct costs are acceptable in principle. In relation to JH's comment on 8 December, the State considers that this does not need to be addressed in this section. This section is primarily about mitigation obligations (and entitlements that may flow from the agreed implementation of mitigation strategies).	Clarify that this is only in relation to the GFA and BRA. Agreed.

	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021	JH – 8 Dec	State - 15 December 2021	16 Dec 2021
	☐ Acceleration when Directed by the State; ☐ Other.						
5	JHG to be entitled to additional compensation including for (subject to discussions with the State): ☐ Additional employee conditions above and beyond BPIC (JHG to agree with State before inclusion in EA).	Compensation for any change in condition (compared with BPIC Baseline) – not just employee conditions, subject to consultation with the State (noting that the State cannot unreasonably withhold its endorsement/approval).	JH is requested to clarify the extent to which the risk of paying above the assumed employee conditions and rates was allowed for in its original offer. JH to also advise as to how it is proposed that this risk is to be appropriately managed and mitigated by the parties.	Entitlement only for changes above RFC offer – BPIC Baseline, in a Brownfield scenario and relation to direct labour only. **ACTION**: Includes any conditions not just employee conditions, but will need to be defined. JH to consult with State if there are costs, to provide visibility and robust process to discuss how to deal with costs. This will be in the form of either an SPB subgroup, a risk committee or a third party observer. Could be additional cost in relation to final agreement lodged if different to assumptions allowed for.	-	The State reiterates its comment in the third column. The State also notes its understanding that the costs are for direct labour only, and not for subcontract packages. JH must demonstrate it has taken all reasonable and practical steps to mitigate this impact. JH needs to demonstrate what drivers they will have to mitigate the impacts.	This is only in relation to the BFA. Baseline is the agreement currently ready for submission on 17 Dec 2021. Principle is Agreed.
6	JHG entitled to BPIC related **Disruption** by the AWU (provided the Disruption is not caused or contributed to by JHG and not included in JHG RFC offer).	For the purposes of this risk, and Risk Principle #1 above, 'IR Delivery Risk' is defined as the following: 1. All circumstances where the AWU are not party to the project EA. 2. Different terms and conditions adopted onsite, i.e. subcontractor adopting conditions inconsistent with GCLR3 BPIC Guidance Document. 3. Industrial disharmony and disruption on site associated	The State notes there is no precedent for the inclusion of these issues in any PPP project in Queensland. The State agrees with GoldlinQ's comment to the extent that it is regarding relief for onsite industrial stoppage by the AWU directly related to BPICs (which is not caused or contributed to by JH and not included in the JH RFC offer).	JH to use best endeavours to mitigate this, and no entitlement if caused or contributed by JH. There must be a material impact e.g. industrial stoppage. Needs to be clear and concise, discrete activities.	The revised JH position in respect of this risk is as follows: 1. 'Caused' or 'contributed' above would not extend to JH selecting a subcontractor and engaging them on the project (where sufficient due diligence has	The State reiterates its comment in the third column i.e, the State notes there is no precedent for the inclusion of these issues in any PPP project in Queensland. The State agrees with GoldlinQ's comment in the first column to the extent that it is regarding relief for unlawful/unprotected onsite industrial stoppage by the AWU directly related to BPICs (which is not caused or	**JH to take this away and consider a narrower/cleaner recommendation. Before 10am 17 Dec 21.**

	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021	JH – 8 Dec	State - 15 December 2021	16 Dec 2021
		with demarcation, coverage, disparity in conditions.	Other matters raised by JH are not agreed and require further clarification.		been conducted by JH). 2. Material impact would include, for the avoidance of doubt, a critical path delay; 3. In such circumstance where a material impact is identified, JH would be granted an EOT and cost entitlement.	contributed to by JH and not included in the JH RFC offer). In response to JH's comments of 8 December: 1. No objection in principle, however it needs to be reframed such that on the proviso that all procurement process protocols and tender assessment criteria are transparent and followed – the selection of a particular subcontractor *in itself* would not be a reason for State / OF3 to assert that JHG had caused or contributed. However the tender assessment would need to include IR risk assessment / IR past performance etc within code guidelines. 2. There appears to be no difference in principle, however the trigger would need to be a stoppage of some form. ~~1.~~3. Subject to further discussion.	
7.	JHG will do all things reasonably practicable to obtain a FWC EA in a timely manner.	Agreed, noting that JH will be subject to ABCC and FWC assessment and approval timelines.	As noted in item 1 above, the State's expectation is that John Holland will put in place industrial arrangements with its workforce that are commensurate with industry best practice and facilitate a stable and harmonious		-	The State reiterates its comment in the third column.	Agreed JH agree to State's position.

	DRAFT BPIC PRINCIPLE	JOHN HOLLAND	STATE	1 December 2021	JH – 8 Dec	State - 15 December 2021	16 Dec 2021
			platform for timely and cost effective delivery of the project. The State acknowledges John Holland's proposed IR strategy for the progression of the negotiation an Enterprise Agreement that is compliant with the Building Code and is lodged for approval with the FWC if possible prior to 25 December 2021				
8	JHG to update its *Management Plan* to reflect BPIC IR Process and strategy.	Management Plans to be updated consistent with legal/code requirements.	As part of the updates to the Management Plan, the State will require GoldlinQ and JH to provide in detail its approach to managing any challenges or appeals to the brownfield or greenfield agreements, including the use of specialist IR advisors.	Draft Management Agreement from January – processes and description of mitigation.	-	The State reiterates its comment in the third column	Agreed.
9	To be discussed impact - the supply chain choosing to not participate in the project, coupled with limited coverage of the supply chain by those Party to the negotiated Agreement may result in supply chain "gaps", increased pricing, programme delays due to availability, and inability to meet QPP commitments.	JH seeks entitlement for BPIC related disruption in relation to this.	Not agreed by State.	**ACTION**: To be further discussed.	If the risk considered in #4 above is broader than just being in relation to any delay to GFA or BFA approval, then JH considers that it would adequately address this issue.	The State notes there is no precedent in Queensland PPPs for relief for this type of impact. The State is unable to agree to this item.	**JH to take this away and consider a narrower/cleaner recommendation. Before 10am 17 Dec 21.**

Issues	*GoldLinQ Recommendation*	*JH Position (8 Dec)*	*State Position (16 Dec)*	*Meeting 16 Dec 21*
2 (a) – Definition of Prolongation costs not agreed (Note: State requested direct costs only / JH requested both direct and indirect including margin but not profit). There is no precedent in a D&C Contract for the State to take risk in relation to time and cost whilst a Contractor obtains a certified Agreement in the FWC. Contractors when tendering would base their offer on existing arrangements and EBA's. This TIME risk occurs when there is an appeal by the AWU on the John Holland lodgement of the Greenfield BTU Agreement. This risk extinguishes when the FWC certifies either the Greenfield or Brownfield Agreement (estimated to be a minimum 6 weeks from lodgement but will be longer on appeal). Agreement has been reached for the prolongation costs to be only paid when an actual delay to the Date for Practical Completion is crystalised.	*Parties consider a tiered approach to prolongation:* **OPTION:** ***Parties to consider a tiered approach to prolongation costs. The first two months of prolongation to include John Holland Direct, Indirect and Margin.*** ***The second two months to reduce to Direct and Indirect Costs and after that expires, only Direct Costs by JH. The parties will need to agree what is included in indirect costs, particularly off-site indirect costs.*** ***The rationale for the above is that it provides an incentive to all parties to resolve the delay in the quickest timeframe and a best for project outcome.***	JH agrees the parties will need to agree what is included in indirect costs. In response to the tiered approach: • The key issue in respect of this risk is that JH has little to no control on how long it will take, once the agreement has been submitted to the FWC, for it to be certified by the FWC. The background to this risk is novel, which is why there is unlikely to be precedent for the risk transfer. • Whilst mitigation steps may be available to reduce the impact of a potential delay, these measures may come at additional cost. If those mitigation steps or costs are not agreed by the State or GLQ, then the delay risk remains. If the mitigations are agreed, and the delay reduced, JH would not be entitled to prolongation costs. • Therefore, it is difficult to see how the tiered approach provides incentivisation – rather it appears to only	State has already agreed to provide LD relief which is a significant concession and cost to the State. State has also agreed to cover direct and indirect onsite costs. Again a significant concession. State would accept a tiered approach or some other incentivisation for JH to mitigate the impact resolve IR issues expeditiously. The State notes that the incentivisation arrangements have been included in the Works Deed / D&C Contract in relation to other entitlements e.g. PUP.	

Issues	*GoldLinQ Recommendation*	*JH Position (8 Dec)*	*State Position (16 Dec)*	*Meeting 16 Dec 21*
The State has requested that **Direct Costs** only be considered should an Extension of Time be granted based upon a challenge or appeal by the AWU. John Holland have requested both **Direct and Indirect Costs and Margin**.		disadvantage JH by reducing its entitlement in respect of a risk that it cannot control. Any proposed increase in JH risk profile will need to be considered in conjunction with pricing discussions.		
2 (b) – *Where JH mitigates a delay, definition of cost compensation not agreed*:		As above	As above	
2 (c) – *Time and Cost Relief for Industrial Disruption during delivery of the project*: It has **not** been agreed for John Holland to be able to claim Time and Cost Relief for Industrial Disruption during the delivery of the project. JH also requested disruption costs which impact on Supply Chain (Also - Not Agreed). Unlike all other risks identified in this memo the request for Time and Cost Relief for Industrial Disruption would occur for	**OF3:** **OPTION: It will be very difficult to clearly identify industrial disruption that relates solely to either a BPIC Greenfield BTU or a Brownfield Agreement.** **Disruption can take many forms and John Holland assumed a level of this risk in their base and RFC Offer.** **John Holland can also mitigate this type of risk with experienced resources on the ground for the duration of this project.** **The only option in relation to this type of risk principle is for it to have the following:**	As per JH comments in the attached, JH agrees: - that these risks would need to be defined and is willing to work with the State regarding suitable definitions and specific scenarios. Noting that the cause must be attributable to JH being unable to secure a 'multi-union' EA inclusive of the AWU. - that it must not have caused or contributed to this event but notes that 'caused' and contributed' would not extend to JH selecting a subcontractor and engaging them on the project (where sufficient	The State notes reiterates its position that there is no precedent for the inclusion of these issues in any PPP project in Queensland. The State agrees generally with the GoldlinQ principles 1-6 to the extent that: - it is regarding relief for unlawful/unprotected onsite industrial stoppage by the AWU directly related to BPICs and specifically not being a party to the agreement - it is not caused or contributed to by JH	[refer to item 6 of main table]

Issues	*GoldLinQ Recommendation*	*JH Position (8 Dec)*	*State Position (16 Dec)*	*Meeting 16 Dec 21*
the entire duration of the project until completion. There is no precedent for this type of Compensation event in a D&C contract as this is normally a D&C Contractor risk as this is the party best able to manage or mitigate the risk. Both the State and GoldlinQ would not be able to manage the impact of this type of risk. John Holland assumed a level of this risk when providing the tendered price of $633m and a Completion Date of 31 May 2025. The RFC BPIC response from John Holland of $184m and four months of program extension, also included time and costs allowances for lost productivity, which is a form of disruption type risk. The John Holland RFC response also includes cost for additional senior resources to manage relationships on the ground in delivery to deal with this type of risk.	**1. Definitions as to cause which must be very narrowly defined (ie unprotected action (industrial stoppage) Caused solely by the AWU and directly related to BPIC);** **2. John Holland must not have caused or contributed to this event;** **3. The Industrial Disruption cannot be related to either the John Holland original offer or BPIC RFC;** **4. Be time related only (and not related to the supply chain as the State has no ability to direct or influence the selection of supply chain and subcontractors;** **5. Be for a material length of time – ie More than 48 hours in duration; and** **6. Cause the Date for Completion to not be achieved.** **The legal drafting of this principle will need to be carefully considered to**	due diligence has been conducted by JH). - that the Industrial Disruption would need to be over and above disruption risk considered in the original offer and/or revised BPIC offer. - the Industrial Disruption must be for a material length of time i.e. 24 hours or potentially a cumulative period for ongoing disruption (JH is willing to discuss and agree an appropriate definition). - the material Industrial Disruption must result in a delay to critical path. The JH position is that in such circumstance, where a material impact is identified in accordance with the above, JH would be granted and EOT and cost entitlement. The JH position on this risk still needs to be considered/confirmed in the context of pricing discussions.	- not included in the JH base or RFC offer - industrial stoppage must be for a material length of time and actually delay critical path i.e. 48 hours – can discuss potentially a cumulative period for ongoing disruption - ***must result in delay to critical path and delay in achieving Date for Completion for an entitlement*** - ***EOT and Cost only payable if actual delay occurs*** The State agrees with GoldLinQ dot point 4. In relation to JH second dot point, no objection in principle, however it needs to be reframed such that on the proviso that all procurement process protocols and tender assessment criteria are transparent and followed – the selection of a particular subcontractor *in itself* would not be a reason for State / OF3 to assert that JHG had caused or contributed. However the tender assessment would need to include	JH to take this away and consider a narrower/cleaner recommendation. Before 10am 17 Dec 21.

Issues	*GoldLinQ Recommendation*	*JH Position (8 Dec)*	*State Position (16 Dec)*	*Meeting 16 Dec 21*
John Hollands position is that this risk is additional to both the tendered and RFC response as this relates to direct AWU activity and demarcation issues which would not have eventuated in an all Union Greenfield Agreement. John Holland have sought very broad time and cost relief for BPIC Disruption.	**include all of the above items.**		IR risk assessment / IR past performance etc within code guidelines. State is unsure of what the following JH comment means: "this risk still needs to be considered/confirmed in the context of pricing discussions."	

TS-54

FW: GCLR3 EA - Signing

To: Andrew English-JHG [redacted], Ryan Dodd-JHG [redacted]
Cc: Andrew Priem-JHG [redacted] Anthony Kelly-JHG [redacted], Ellen Stewart-JHG [redacted], Loren Hickey-JHG [redacted]
Date: Sat, 26 Feb 2022 22:19:59 +1100

Hi all,

A quick update regarding the lodgement of the GCLR3 EA. Following the issues with the ETU refusing to sign the EA, another issue arose late yesterday. The CFMEU have expressed a major concern with the nominated JH entity for the greenfield EA, being John Holland Pty Ltd (**JHPL**). They want us to use John Holland Queensland (**JHQ**) entity which is regulated under the state-based Work Health & Safety (**WHS**) legislation rather than the federal system under Comcare (which applies to JHPL).

Put simply, their issue being that the union have little influence over Comcare but do have significant influence over the state-based regulator, Work Health Safety Queensland (**WHSQ**).

This is another extremely frustrating development at the 11th hour, but in my view, JH could not have done anything differently. The proposal to use the JHPL entity has been completely transparent and included in every iteration of the draft EA circulated to all unions since November last year. **We need to be clear on this point if there is any suggestion from the State they we are delaying the process**. The delay in lodging the EA is clearly attributable to the following:

- ETU advising last week that they would not sign the EA (no mention to JH at any point that this was their position, but they did advise that they had informed the State of this position during the development of the GCLR BPIC guidance document). The State also actually requested we hold off lodging earlier in the week due to the ETU position.
- This CFMEU development advised late Friday 25 Feb (as above, very little that JH could have done to further highlight the proposed entity during the process). The CFMEU explanation has been that it was 'missed' in their EA reviews.

Next Steps

The reality is that unless we convert the EA to the JHQ entity we will not be able to finalise a greenfield EA. The CFMEU are that committed to this issue that they will simply not accept JHPL. If the CFMEU do not endorse the EA, then there is no hope of having the EA approved.

However, before immediately transitioning the GCLR EA to the JHQ entity, we do need to give adequate consideration to the additional risk associated with working under WHSQ. We will need to finalise the JH position on Monday.

Please note – we are ready to lodge the EA and the required associated documentation, all of which have been reviewed by our external IR lawyers. Please also note that I have not yet advised the State of the above, plan is to do this Monday (preferably following JH having confirmed our position internally).

Anthony / Ellen / Andrew – Please reach out if you think we will need to advise the client before Monday (noting that there may be commercial meetings over the weekend) and we can discuss.

Cheers
Trent.

From: Trent Smith-JHG
Sent: Thursday, 17 February 2022 10:01 AM
To: Peter A Pap [redacted] Andrew Z Biagioni <[redacted]>; Dean A Misso <[redacted]>
Cc: Andrew End [redacted]: Andrew Priem-JHG [redacted] Ryan Dodd-JHG [redacted]; Anthony Kelly-JHG [redacted]
Subject: FW: GCLR3 EA - Signing

Hi all,

As discussed this morning, please see email from Beau confirming that the ETU will not be signing. I have just spoken to the ETU again this morning and advised that they cannot apply to be covered by a Greenfield EA, that only applies under a Brownfield scenario. Despite this, it appears their position is unchanged and they do not intend to sign. He made clear that they would not be challenging the EA.

Following discussions with our lawyers, provided the ETU do not challenge the EA, the impact of this will be an increase in the risk regarding the majority coverage argument that the AWU may challenge the EA on. However, given the recent Watpac decision, it would be expected that the AWU will have a hard time demonstrating that the other unions (CFMEU, PPTEU and AMWU) do not have the necessary coverage.

JH intends to lodge the EA once signing pages from the other unions are received.

Cheers,
Trent.

From: Beau Malone (ETU) [redacted]
Sent: Wednesday, 16
To: Trent Smith-JHG [redacted]: Andrew Priem-JHG [redacted]
Cc: Luke Barden [redacted] jingham [redacted]
Subject: RE: GCL

G'day Trent,

As discussed the ETU won't be signing the agreement although will make application to be covered by the agreement. So if you can keep me in the loop so I can ensure we get the paperwork through to be covered in the correct period of time that would be great.

We will not be opposing the making of the document in any way.

Cheers

Beau Malone
Gold Coast Organiser
Electrical Trades Union
Queensland
M. 0430 824 609
[redacted]
www.etu.org.au

Join Online - https://www.etu.org.au or call – 1800 ETU YES

"The labor movement did not diminish the strength of the nation but enlarged it. By raising the living standards of millions, labor miraculously created a market for industry and lifted the whole nation to undreamed of levels of production. Those who attack labor forget these simple truths, but history remembers them."

MARTIN LUTHER KING, JR., speech to AFL-CIO, Dec. 11, 1961

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I acknowledge the traditional owners and custodians of country throughout Australia and pay my respect to Elders past, present and emerging

From: Trent Smith-JHG [redacted]
Sent: Tuesday, 15 Febru [redacted]; Luke Barden [redacted]; Beau Malone (ETU) [redacted]; Olli [redacted] JHG [redacted]
Subject: GCLR3 EA - Signing

Hi all,

I've added the signature block to the attached. Plan for the signoff is as follows:

- Plumbers to sign off pg 83, and arrange signoff of AMWU (pg 83/84). I can pick up originals tomorrow after AMWU have signed (**Luke** can you let me know when this is done).
- **Beau** – if you can arrange Ongy signature on pg 82 (wont need to wait for plumbers). I can pick up original when done.
- **Jade** – I will then send relevant pages through to you for sign off (understand you are in Sydney for the week).

Let me know any issues with the above plan.

Cheers,
Trent.

Trent Smith
Group Manager Industrial Relations
People

JOHN HOLLAND

Level 3, 65 Pirrama Rd
Pyrmont NSW 2009
P. [redacted]
M. [redacted]
W. johnholland.com.au

From: Steve Baker
Sent: Wednesday, 6 October 2021 10:53 AM
To: Trent Smith-JHG
Cc: Stacey Schinnerl ; Paul Cradden ; Andrew Priem-JHG ; Mark Raguse ; Tony Beers ; Andrew Priem-JHG
Subject: RE: GCLR Draft Document

HI Trent,

Thank you again for your request for a meeting and a discussion around the content of the proposed agreement. The AWU as previously stated to Holland on numerous occasions it does not intend on entering into negotiations for the proposed document for all the reasons outlined previously. The proposed meeting would constitute entering into negotiations and as such we decline the offer.

Kind regards,

Steve Baker
Queensland Branch Secretary
The Australian Workers' Union Queensland
1800 298 753 [redacted]
[redacted] www.qld.awu.net.au
Level 13 333 Adelaide Street ,Brisbane Queensland 4000
Find us on Facebook Follow us on Twitter



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Steve Baker
Secretary, Queensland AWU
GPO Box 88
BRISBANE QLD 4001

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From: Trent Smith-JHG <[redacted]
Sent: Tuesday, 5 October 2021 11:15 PM
To: Steve Baker <[redacted]
Cc: Stacey Schinnerl [redacted]; Paul Cradden <[redacted]; Andrew Priem-JHG [redacted]; Mark Raguse [redacted] Tony Beers [redacted] Andrew Priem-JHG [redacted]
Subject: RE: GCLR Draft Document

Hi Steve,

Thanks for coming back on the document and understand your position has not changed.

I would still like to arrange a discussion with you later this week if you have the time? We would be happy to meet with you at your offices if that assists.

We would benefit from understanding the specific clauses that the AWU see as having no application on civil projects and note that we have proposed excluding a number of clauses as well.

Cheers,
Trent.

From: Steve Baker <[redacted]
Sent: Wednesday, 29 September 2021 10:10 AM
To: Trent Smith-JHG [redacted]
Cc: Stacey Schinnerl [redacted]; Paul Cradden [redacted]; Andrew Priem-JHG [redacted] Mark Raguse <[redacted] Tony Beers [redacted]
Subject: RE: GCLR Draft Document

HI Trent,

Thank you for your correspondence and the opportunity to comment on the attached document. The AWU has previously outlined to John Holland the Union's concerns with regards to the proposed BPIC agreement for the Gold Coast Light Rail in detail. In addition the Union has outlined the numerous industrial concerns at great length. The AWU's position has not changed since last time and as such our position still stands.

Should you have any questions or concerns you can contact me on 0419765938.

Kind regards,

Steve Baker
Queensland Branch Secretary
The Australian Workers' Union Queensland
1800 298 753 [redacted]
[redacted] www.qld.awu.net.au
Level 13 333 Adelaide Street ,Brisbane Queensland 4000
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Steve Baker
Secretary, Queensland AWU
GPO Box 88
BRISBANE QLD 4001

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From: Trent Smith-JHG [redacted]
Sent: Wednesday, 29 September 2021 8:58 AM
To: Steve Baker [redacted]
Cc: Stacey Schinnerl [redacted] Paul Cradden <[redacted]; Andrew Priem-JHG

[redacted]
Subject: GCLR Draft Document

Hi Steve,

Further to discussions yesterday, please find attached draft GCLR document for your review and comment.

I know you have expressed previously some concern about a number of clauses (that are not typical of the civil industry), if you could please highlight these that would be appreciated.

Please note the following:

- I have used the GCLR BPIC document as a base.
- The GCLR BPIC was silent on a number of provisions (which the State advised was part of their negotiation process), where this is the case, we have included provisions from the JH Civil EA (these clauses are highlighted in yellow).
- Clauses where the JH position is to remove have been marked up with ~~strikethrough.~~
- Any changes to the base document have been included in mark-up.

I will be in touch to arrange a meeting for next week, but given the time contraints with this process, it would be appreciated if you could please provide comments by COB Tuesday 5 October. This will allow JH to review prior to the scheduled meetings.

Thanks,

Trent Smith
Group Manager Industrial Relations
People

JOHN HOLLAND

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W. johnholland.com.au

Executive Briefing

Topic	Qld BPIC Civil Strategy Update
Date	11/10/2021
Author	Trent Smith

Further to the ongoing discussions regarding the IR approach for the Gold Coast Light Rail Stage 3 Project (**GCLR3**), this Paper provides a status update regarding the AWU position on the Qld Government's *Best Practice Industry Conditions* (**BPIC**) and summarises the options available to JH in response. Noting that these options were covered in detail in the attached Qld BPIC Strategy Paper dated 24/09/2021 (**Previous Paper**).

The Previous Paper provides more detailed background to the BPIC and the AWU position on joint Enterprise Agreements (**EA**) with the CFMEU.

1. AWU Engagement Update

As set out in the Previous Paper, AWU participation in the implementation of BPIC is seen by JH, Department of Transport Main Roads (**DTMR**) and the State as the most preferred option. A strategy that excludes either the AWU or CFMEU brings considerable risk both to the project, but also to the broader JH enterprise (this is considered below).

Since the last GCLR3 IR strategy meeting, JH has attempted to engage with the AWU to have them provide feedback on the GCLR3 BPIC and to outline the clauses they have particular issue with, in the hope we would draw them into negotiations. Despite multiple attempts, including providing a draft document, the AWU refuse to engage in relation to the GCLR3 BPIC document and have stressed that their position regarding the CFMEU also remains unchanged, that is, they refuse to sign any EA that the CFMEU are party.

JH has also met with the National Secretary of the AWU, Daniel Walton, to discuss and he has stressed a firm position that they will not entertain any joint agreement with the CFMEU in Qld (or Vic for that matter).

Given the impacts of the AWU position to GCLR3, and to the implementation of the BPIC policy more broadly in Qld, JH has continually raised this as a threshold issue with DTMR and the State. JH has also implored the State to apply whatever political pressure available. DTMR have briefed senior Ministers within Government and escalated to the Premier's office. It appears unlikely that any senior members of Government will seek to connect with the AWU in respect of the issue.

Considering the above, JH is under pressure to confirm to DTMR and the State if the lack of AWU involvement is indeed a 'deal breaker' for GCLR3 and if not, then what is 'plan b' as it is unlikely this issue will be resolved anytime soon.

2. Options to Progress

Please refer to the Previous Paper for greater context, but a summary of the options available and the key considerations for each is outlined below.

(a) *Proceed with AWU only*:

- Would be considered a 'declaration of 'war' by the CFMEU and the GCLR3 Project could expect a sustained and ongoing campaign (as would the DTMR and the State). All the unions have been sold that this will be the 'flagship' BPIC project and expect to be involved.

- Current building projects would very likely be impacted.
- Refusal from the CFMEU to finalise a new JH Building EA for Qld, impacting future tendering.

(b) Engage with the building unions (CFMEU, ETU, PPTEU and AMWU):

- Potential difficulty in securing Greenfield EA on basis that AWU have majority coverage. If unsuccessful, then JH would need to commence 'brownfield' negotiations, which would involve engaging several workers directly and commencing negotiations with employees (and their nominated representatives). Time and cost risks associated with this approach would need to be pushed back on the client given the uncertainty that comes with brownfield negotiations (further detail on this process can be discussed).
- 'Breaking ranks' from other civil contractors (QMCA) that have indicated they will pursue AWU only strategy (these businesses have a different risk profile with no building division).
- Most significant risk would be any AWU action in response (such as a refusal to engage on Greenfield EAs into the future, particularly in other states). This risk may be realised irrespective of our decision for GCLR3 due to our agreed Victorian IR strategy that will see us commence engagement with the CFMEU for a civil EA.

(c) Delay any commitment (withdraw form GCLR3):

- Unsure this remains a realistic option at this point. Any withdrawal will have implications for JH relationship with our key client in Qld.
- There likely remains IR implications for JH based on any withdrawal at this point due to political fallout and the subsequent finger pointing. JH would be characterised by the unions as trying to 'line our pockets' throughout this process.

TS-57

CEO Meeting with Neil Scales - Director General

From: Ryan Dodd-JHG [redacted]
To: Andrew English-JHG [redacted], Joe Barr-JHG [redacted]
Cc: Claire Mierendorff-JHG [redacted]
Date: Mon, 18 Oct 2021 11:43:05 +1000

Good Afternoon Andrew / Joe,

Amanda Yeates (Deputy Director General) called this morning and suggested that while waiting for broader Ministerial engagement on the GCLR3 matter discussed last week, a conversation between Joe and Director General Neil Scales would be very helpful.

Key points for this discussion:

1. Amanda works for Neil – both aware of the issues of not having AWU on board;
2. Neil had intended to host a multi-union session early in the BPIC assessment process to seek alignment for the purpose of GCLR3 project and policy roll-out – this session was cancelled;
3. Despite session in point 2 not proceeding, there has been broad alignment that there will have to be political engagement by the State to get the AWU to the table – would be good confirm Neil aligned with this;
4. The State has sought legal advice on risks associated with moving forward with an agreement that excludes the AWU – I understand Initial advice from this process is that there are significant risks associated with not having AWU engaged. Once this advice is finalised, this will likely provide the impetus for State involvement;
5. I had a discussion with Minister Bailey's office Friday to confirm attendees/time to meet on this issue – anticipating response today that defers any meeting until legal advice summarised in point 3 understood on their end;
6. We had a union meeting this morning at JH HQ in Brisbane to page-turn our draft agreement for the project – AWU declined to attend, next meeting on Friday this week – would be great to have them on board by then.

Would also be good to get Neil's view on whether Jon Davie's involvement would help or hinder progress here as well?

I've provided Neil's office details to Claire and I'm informed Neil very keen to meet Joe.

Ryan

Ryan Dodd
General Manager – Infrastructure
Queensland + Northern Territory
1000 Ann St, Fortitude Valley, QLD 4006
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JOHN HOLLAND

Executive Briefing

Topic	AWU Briefing Note
Date	19/10/2021
Author	Trent Smith

The purpose of this briefing note is to provide background on the key AWU issues prior to the meeting with the AWU National Secretary, Daniel Walton.

Background

JH has enjoyed a positive relationship with the AWU for a number of years. The AWU, as the primary tunnelling union, have generally been the sole union party to our major project enterprise agreements (EAs) in NSW and have been party to major project agreements in Victoria.

It is understood that the AWU have requested this meeting largely of the back of discussions in Queensland regarding the Government's introduction of the *Best Practice Industry Conditions* (BPIC). The AWU are refusing to engage with the Government on BPIC and have advised that they are not willing to sign any EA that the CFMEU are party. The AWU see no political or practical advantage in entering into BPIC with the CFMEU.

Recent Developments

The AWU are no longer the union they once were in terms of membership (this has been in a steady decline for several years), nor do they have the political influence within the ALP that they once had.

The AWU are fast becoming irrelevant in the Victorian civil sector, with well over 90% of the subcontract market having an EA with the CFMEU. The CFMEU have been very successful in effectively taking control of the civil sector. This is largely due to their increased activity on the ground on projects, whereas the AWU have a reputation for having very little presence on site.

The NSW and Qld markets are slightly different. In NSW they have been successful on major projects and have recently established a demarcation arrangement with the CFMEU for future major project agreements. This is aimed at protecting their coverage in tunnelling given what they have seen unfold in Victoria.

The Qld civil market is dominated by AWU agreements for most tier 1 and 2 contractors and the subcontract market is largely non-union. The BPIC policy is clearly intended to rectify this by giving the CFMEU (and the other building unions) access to civil projects moving forward.

[redacted]

If Victoria is seen as a pre-cursor to what the other states can expect, AWU survival in the construction industry is under serious threat.

JH Position

JH as a multi-disciplinary contractor has a different IR risk profile to sole civil or building contractors. Our ability to maintain a separation between civil and building sectors has become increasingly more difficult as the CFMEU drive a position that there is simply no separation (if we want a relationship in building, we must have one in civil).

Considering the above, and the lack of AWU coverage in civil in Victoria, JH has commenced engagement with the CFMEU for a Victorian civil EA. These discussions are only preliminary at this stage, but it is expected to move quickly. JH currently have a civil EA with the AWU and they are likely unaware of our negotiations with the CFMEU.

We will carefully manage the communication of the proposed CFMEU civil EA with the AWU at the appropriate time. Noting there is still several potential threshold issues to work through with the CFMEU. One such threshold issue is ensuring that any CFMEU civil EA will exclude tunnelling works (protecting the AWUs primary

coverage in this sector).

It is likely that Daniel will suggest that JH may have trouble securing major project EAs in NSW should we not engage with the AWU solely in Qld. There is concern that any decision to push on with negotiations in Qld without the AWU, coupled with the Victorian position, may force the AWU to respond out of desperation.

This 'threat', whilst concerning, I think is unlikely to materialise given the implications for the AWU in doing so.

Key messages

My view of the key messages for the meeting with Daniel, and we can discuss in our meeting prior, are as follows:

- JH, as the premier tunneller in Australia, see the AWU as critical to our business. We want to see a strong AWU that maintains coverage and 'control' of the tunnel sector. An introduction of CFMEU terms and conditions in the tunnelling is not palatable to anyone.
- JH as a multi-disciplinary contractor has a different risk profile to other contractors, particularly in the civil market in Qld.
- JH must maintain a relationship with the CFMEU given our building business and the CFMEU (whether we like it or not) have coverage in the civil sector.
- We need to balance the above with the expectations of Government (in Qld and Vic) that have a clear view of engagement with <u>all</u> unions.
- JH has repeatedly reached out to the AWU on the issue of BPIC in Qld and will continue to do so. The lack of engagement has placed JH in a difficult position (JH is effectively caught between Gov and the unions).
- JH is more than willing to discuss at a local level how we can ensure the AWU maintain a presence on the GCLR3 project and in the civil sector under a multi-union EA arrangement.

21 October 2021

Mr Steve Baker
The Australian Workers Union Qld Branch
13th Floor, 333 Adelaide Street
BRISBANE QLD 4000

By email: [redacted]

Dear Steve,

Gold Coast Light Rail Stage 3 Project - Notice of Negotiation Period Commencement

Further to our recent discussions in which John Holland has advised of our intent to negotiate a Greenfields Enterprise Agreement (**Agreement**) for the Gold Coast Light Rail Stage 3 Project (**Project**).

I hereby provide the Australian Workers Union QLD Branch notice of the intention to negotiate an Agreement with all the relevant unions with appropriate terms and conditions that facilitate a safe and productive Project.

For the purpose of s.178B of the *Fair Work Act 2009* (Cth), the period of the six (6) month '*notified negotiation period*' for the Agreement commences on Friday 22 October 2021. John Holland also notes that it has every intention of finalising the enterprise agreement well before the six (6) month negotiation period expiries.

Should you have any queries please do not hesitate to contact me on [redacted]

Yours faithfully,

[redacted]

Trent Smith
Group Manager, Industrial Relations

TS-60

From: Trent Smith-JHG
Sent: Monday, 25 October 2021 6:46:45 PM
To: Joe Barr ([redacted]);Rod Heale-JHG;Andrew English;Steve Butcher-JHG;Ryan Dodd-JHG
Subject: RE: TMR / AWU Meeting Feedback Discussion

Hi all,

Following Joe's catchup with Neil Scales, I can confirm we have reviewed the option of two (2) mirror enterprise agreements (EAs) for the GCLR project. This approach would involve one EA with the AWU and a separate EA with the CFMEU (and other building unions) and was a strategy that was adopted on Stage 1 by McConnell Dowell.

Based on a detailed review of the option, I can confirm the following:

- For Stage 1 McConnell Dowell developed two (2) mirror EAs with the exact same terms and conditions. The agreements were approved in 2012 and were separated on the basis of classifications i.e. the AWU EA covered certain civil classifications, and the CFMEU EA covered other distinct classifications (primarily plant operators and carpenters etc). Based on my review, there is no duplication in classifications across the two EAs.
- JH have discussed with external legal and are clear that *technically* such an approach could be applied again for the stage 3 works. That is, there would need to be a demarcation between the two EAs based on classifications and/or scope of work i.e. Drainage, Track Slab etc.

JH, following the discussion on Thursday, has raised this option with both the CFMEU and AWU in separate meetings and notes the below:

- AWU are not willing to give up any coverage in the civil space and consider the civil sector 'theirs'. They have also made clear that they would not negotiate an EA in accordance with the BPIC document. The AWU position is that any EA for GCLR should reflect the recent Brisbane Metro EA (modelled on Cross River Rail), which has superior terms and conditions to that contained in the BPIC.
- The CFMEU were very clear that they would not entertain any demarcation arrangement with the AWU. Their position is that wherever they have coverage in the civil sector (over certain classifications) then they intend to exercise that coverage and will not be 'giving up any roles to the AWU'.

Whilst technically there is a way for the two separate mirror EAs approach to work, practically there are some serious impediments. In short, neither union is willing to give up coverage, nor are they willing to even discuss what a demarcation arrangement may look like in Qld. Further, the AWU position regarding terms and conditions is superior than that of the BPIC document. The two mirror EAs approach would rely on both EAs having the exact same terms and conditions.

Based on above, I think there is little value in pursuing this option further.

Cheers,
Trent.

-----Original Appointment-----
From: Trent Smith-JHG
Sent: Thursday, 21 October 2021 3:08 PM
To: Trent Smith-JHG; Joe Barr; Rod Heale-JHG; Andrew English-JHG; Steve Butcher-JHG; Ryan Dodd-JHG
Subject: TMR / AWU Meeting Feedback Discussion
When: Thursday, 21 October 2021 5:00 PM-5:30 PM (UTC+10:00) Brisbane.
Where: Microsoft Teams Meeting

Microsoft Teams meeting

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Learn More | Meeting options

TS-61

From: Trent Smith-JHG
Sent: Thursday, 4 November 2021 9:11:07 AM
To: Ryan Dodd-JHG;Andrew Priem-JHG;Loren Hickey-JHG
Cc: Andrew English
Subject: BPIC Update

Hi all,

Just a quick note to provide an update following the IR discussion Andrew and I had last night with Amanda Yeates, Deanne H and Scott Gartrell.

Scott raised with us the option of going straight to a brownfield EA rather than a greenfield EA. It was 'pitched' to us as an option to assist with our issue of having to choose between the AWU and CFMEU (which is interesting).

In short, proposal is as follows:

- JH continue negotiations to finalise a document.
- The State would then discuss and try and get the unions on board with a brownfield approach.
- JH then engage a small number of employees and commence negotiations with them directly (giving employees the option, or not, of nominating a union bargaining representative for the negotiations) aimed at achieving terms and conditions already discussed with the unions.
- This would in effect allow the AWU to be involved in they wish or refuse to be involved (more likely outcome).

There are some potential benefits for JH, but I think these are outweighed by the considerable uncertainty and therefore risk regarding terms and conditions (not to mention the risk of inviting the demarc dispute to site).

We did commit to running this option to ground, which I will do today / tomorrow and we can then discuss further.

Andrew E – I advised Scott this morning in a quick discussion that we are unlikely to have closed out today. We should be in a position to go back tomorrow with a considered response (with another discussion likely required).

Cheers,

Trent Smith
Group Manager Industrial Relations
People

JOHN HOLLAND

Level 3, 65 Pirrama Rd
Pyrmont NSW 2009
P. [redacted]
M. [redacted]
W.



TS-62

From: Gartrell, Scott
Sent: Friday, 12 November 2021 10:07:28 AM
To: Trent Smith-JHG
Subject: RE: Majority Coverage - Canberra light rail

Hi Trent
Thanks for that context and I knew there was a risk you would already be across this. And it makes some sense – not a huge civil sector in Canberra! I think the essential thing however is that it goes to the CFMEU rule providing them with the capacity to cover a majority, regardless of it not being challenged at certification. The rule, as you know, is consistent across the country.

Kind regards
Scott Gartrell
Management Consulting
KPMG
International Tower 3,
300 Barangaroo Avenue
Sydney NSW 2000 Australia
Mob +61 417 448 339
[redacted]
Mob [redacted]

From: Trent Smith-JHG
Sent: Friday, 12 November 2021 10:46 AM
To: Gartrell, Scott
Subject: [EXTERNAL] RE: Majority Coverage - Canberra light rail

CAUTION: This Email is from an EXTERNAL source. Ensure you trust this sender before clicking on any links or attachments.

Hi Scott,
All going ok, met with CFMEU, ETU and PPTEU yesterday (AWU declined). Next meeting likely for the back end of next week, and there is still a bit to work through.
I was actually involved in the Canberra Light Rail EA, and as you are probably aware life is a bit different in the ACT. A couple of comments:

- The AWU actively refuse to be involved in the civil sector. The branch secretary openly advised that he did not want to get involved in any construction. Not sure if this is still the case but was certainly so back in 2016.
- Despite the above, we did try and have the AWU party, from a relationship perspective, but also from a majority coverage perspective (we had initial concern the National or NSW branch might encourage a challenge).
- As negotiations progressed, the AWU made clear that had no interest in challenging.
- Despite the final dot point below, given the EA was never challenged this wasn't properly tested by the commission. Certainly not in any detail anyway. As you know, Commission tends not to open these sort of things up unless they are forced to by a challenge.

So unfortunately, the circumstances were quite a bit different to that which we face now in Qld.
Happy to discuss.
Cheers,
Trent.

From: Gartrell, Scott [redacted]
Sent: Friday, 12 November 2021 7:43 AM

To: Trent Smith-JHG [redacted]
Subject: Majority Coverage - Canberra light rail

Hi Trent

How goes the negotiations? I came across this greenfield agreement this week, which you may not have seen. In summary:

- The *JHCPB JV & CFMEU, Canberra Capital Metro Project Agreement 2016* is a greenfields agreement that was made by the JHCPB JV, which is a joint venture including John Holland and CPB Contractors. The Agreement covers civil construction and building construction works for the Canberra Capital Metro Project (construction of light rail);
- The classification structure in the agreement broadly reflects that of the *Building and Construction General On-Site Award* (although the award is not incorporated) – See Appendix 1 on page 39 of the Agreement;
- The agreement was negotiated between the JV and the CFMEU's ACT Branch (Construction and General). The AWU is identified in the agreement, but neither signed the agreement nor sought to be covered by the agreement;
- In the approval decision at [2] it is made clear that FWC was satisfied that the CFMEU (*alone*) met the requirements of s.187(5)(a) of the FW Act. That is, it was entitled to represent the industrial interests of a majority of employees who would be covered by the Agreement, in relation to the work that is to be performed under it.

Kind regards
Scott Gartrell
Management Consulting
KPMG
International Tower 3,
300 Barangaroo Avenue
Sydney NSW 2000 Australia
Mob [redacted]

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Disruptions on Gold Coast Light Rail Project

The below outlines a number of events which occurred in relation to the Gold Coast Light Rail Project that John Holland is currently aware of.

Date	Summary of issue
18 April 2024	1 hour union meeting
16 May 2024	Union BBQ delayed installation of Traffic Guidance System by 1.5 hours
25 July 2024	1.5 hour delay due to Union BBQ
26 July 2024	2 hour delay due to Union BBQ
27 August 2024	Works disrupted by workers attending Union rally. Delay of one day.
12 September 2024	Union meeting after BBQ
7 November 2024	2 hour delay as a result of traffic control industrial issues
14 November 2024	1 hour delay due to Union BBQ
15 November 2024	1 hour delay due to Union BBQ
27 November 2024	Works disrupted by workers attending Union rally. Delay of one day.
1 March 2025	CFMEU delegate attempted to stop a concrete pour on the grounds of safety.
27 March 2025	Connor Rutene (CFMEU) stated CFMEU are looking to set up a 24/7 roster of union organisers to cover the Project. Also stated they are not 'blueing' on other jobs, so they have time to focus on Project. JH representative advised this will result in JH implementing strict ROE and permit processes. Connor's response was that they will "kick the fuck out of us".
31 March 2025	Sean Korostovetz (night CFMEU delegate) – walked into an exclusion zone trying to stop a pour.
5 April 2025	CFMEU delegate stopped Boral from delivering asphalt. Planned weekend work prevented.
7 April 2025	CFMEU delegate raised alleged safety issues in an attempt to stop a concrete pour.
8 April 2025	Meeting with CFMEU organisers (Dylan Howard, Dennis Mitchell and Kurt (?). Dylan Howard stated the site agitation would ease if JH took a CFMEU delegate on its Lake McDonald project.
2 May 2025	Ryan Rolls (CFMEU delegate) attempted to hold up a concrete pour, raising WHS issues (access/egress, exclusion zones, paperwork)
13 May 2025	CFMEU delegate (Sean Korostovetz) attempted to stop a concrete pour on the grounds of safety.
19 May 2025	Delays on night shift due to lux lighting related complaints.
22 May 2025	CFMEU organiser (Conor) attempts to stop work. Alleging silica on the rail line (it was sand).
26 May 2025	Crew shut down by unions. Delay of one day.

Date	Summary of issue
27 May 2025	4 hours pay deducted from KPI night shift workers, as they commenced work 45 mins late due to voting on a new EA. This action held up all site works commencing.
30 May 2025	Meeting with CFMEU (Dylan Howard) regarding GCLR issues. Again he requested a delegate on Lake McDonald project.
5 June 2025	At Lake McDonald Project (different to GCLR) - Corey & Dylan (CFMEU) turned up at Lake Macdonald to discuss membership with subcontractor – Kellers. When leaving they identified the generator was overdue for servicing by several days and attempted to shut the job. The ETU also turned up and issued a WHS entry notice – claiming imminent risk. The site closed and did not reopen until inspected mid-morning Friday 6/6 after servicing had occurred.
19-22 June 2025	Industrial action across the project related to rally (post High Court decision). Evidence CFMEU delegate (Jedhi) directed workers not to attend. Evidence was ultimately relied upon to terminate a CFMEU delegate from the project.
27 June 2025	Delegate stood down due to stopping a traffic controller from working and overstepping HSR duties.
15 July 2025	Issued a letter to Dowells, Sean Korostovetz's employer, due to his behaviour on the 14 July night shift HSE walk, where he refused to wear PPE, was aggressive and hostile to new HSE team members, disruptive on safety walk.
17 July 2025	Luke Bardon from the Plumbers Union stated to two JH employees (in separate conversations) that he will “blow the project up” if the Jedhi complaint doesn’t go away.
12 August 2025	Dowell’s Union rep (Sean) stopped works with Borger Franna due to operator not being able to show evidence of refresher training. Safety team provided evidence of VOC completed by operator with an RTO on 23/04/25. JH issued letter to Dowells about Sean’s behaviour and stood him down.
18 September 2025	Delegate refused a request for traffic controllers to start work early to assist program, on the basis he was did not agree with the protocols around talking to workers in prestart.

Disruptions on John Holland Building projects

The below outlines a number of events which occurred in relation to the various building projects (as specified) that John Holland is currently aware of.

Date	Summary of issue
	Mater Hospital Springfield Stage 2
5 April 2023	CFMEU Rally (in response to FWO continuing matters against the CFMEU). Lost site for 1 day
14 September 2023	CFMEU Rally. Lost site for 1 day.
14 November 2023	CFMEU Rally. Lost site for 1 day.
24 January 2024	CFMEU stoppage(alleged safety concerns – likely in connection with project decision to procure glass façade overseas). Lost 1 day

Date	Summary of issue
14 February 2024	CFMEU stoppage (alleged quality concerns re the concrete). Lost concrete crew for 4 hours.
15 February 2024	CFMEU Rally. Lost site for 1 day.
15 April 2024	WHSQ attended site. Workers ceased work for 2 hours.
27 August 2024	CFMEU Rally in response to administration. Lost site for 1 day
16 September 2024	CFMEU Rally in response to administration. Lost site for 1 day
27 November	CFMEU Rally in response to administration. Lost site for 1 day
29 and 30 November 2024	DMG workers stopped work at CFMEU direction (alleged safety issue) – 1.5 days lost in total.
6 February 2025	CFMEU stoppage (alleging safety). Lost site for 1 day
11 and 12 February 2025	CFMEU alleged safety concerns following falling object on 10 February 2025. Lost site for 2 days.
19 February 2025	CFMEU Rally in response to administration. Lost site for 1 day.
28 April 2025	CFMEU worker memorial day. Lost site for 1 day.
19 and 20 June 2025	CFMEU Rally in response to High Court decision regarding administration. Lost site for 2 days.
10 November 2025	CFMEU stoppage (alleged safety concerns following fatality at JH project in NSW). Lost site for 1 day.
Waterfront Brisbane	
23 February 2023	CFMEU stoppage (closed site to all contractors in relation to glass balustrade issue). Lost site for 1 day.
9 March 2023	CFMEU stoppage. Works delayed 3 hours.
5 April 2023	CFMEU Rally. Lost site for 1 day.
28 April 2023	CFMEU Workers Memorial Day. Lost site for 1 day.
4 and 5 May 2023	CFMEU stoppage (alleged safety concerns - site closed in response to excavator incident). Lost site for 2 days.
14 June 2023	CFMEU Rally. Lost site for 6 hours.
27 and 28 July 2023	CFMEU stoppage (alleged safety concerns – in response to marine incident). Lost site for 1.5 days.
9 August 2023	CFMEU stoppage (subcontract workers left site following fatality on another unrelated project). Lost site for 1 day.
14 September 2023	CFMEU Rally. Lost site for 6 hours.
6 and 7 October 2023	CFMEU stoppage (alleged safety concerns – likely in connection with project decision to procure glass façade overseas). Lost 1.75 days.

Date	Summary of issue
31 October 2023	CFMEU stoppage (alleged safety concerns relating to dust - likely in connection with project decision to procure glass façade overseas). Lost 1 day.
1 and 2 November 2023	CFMEU stoppage (alleged safety concerns relating to falling glass from neighbouring Dexus building - likely in connection with project decision to procure glass façade overseas). Lost 2 days.
8 November 2023	CFMEU stoppage (alleged safety concerns relating to falling glass from neighbouring Dexus building - likely in connection with project decision to procure glass façade overseas). Lost 1 day.
15 November 2023	CFMEU Rally. Lost site for 4 hours.
15 February 2024	CFMEU Rally. Lost site for 1 day.
24 April 2024	CFMEU worker memorial day. Lost site for 1 day.
27 August 2024	CFMEU Rally. Lost site for 1 day.
27 November 2024	CFMEU Rally. Lost site for 1 day.
19 February 2025	CFMEU Rally. Lost site for 1 day.
28 April 2025	CFMEU Workers Memorial Day. Lost site for 1 day.
19 and 20 June 2025	CFMEU Rally following HCA decision. Lost site for 2 days.
New Toowoomba Hospital	
27 August 2024	CFMEU Rally. Lost site for 1 day.
27 November 2024	CFMEU Rally. Lost site for 1 day.
19 February 2025	CFMEU Rally. Lost site for 1 day.
19 and 20 June 2025	CFMEU Rally following High Court decision regarding administration. Lost site for 2 days.
Queensland Train Manufacturing Program	
19 February 2024	CFMEU stoppage (alleging safety concerns re fauna spotters and snake handling). Lost 2.5 hours.
20 February 2024	CFMEU stoppage (alleging safety concerns re insufficient chairs in crib rooms). Lost 5 hours.
21 February 2024	CFMEU stoppage (alleging safety concerns re Traffic Management Plan). Lost 4.5 hours.
9 April 2024	CFMEU stoppage (alleging safety concerns re commencing work without consent of CFMEU Delegate Jason Bushnell). Lost 1 day.
19 April 2024	CFMEU stoppage (alleging safety concerns re insufficient spotters). Lost 2 hours.
1 May 2024	CFMEU stoppage (alleging safety concerns re haul road access). Lost 2 hours.

Date	Summary of issue
2 May 2024	CFMEU stoppage (alleging safety concerns re concerns re subcontractor (Biodiverse). CFMEU Delegate (Jason Bushnell) was alleged to have abused workers from Biodiverse for not advising that a sex offender was working as part of the Biodiverse crew. A number of Biodiverse employees raised concerns with JH management regarding the conduct. JH Raised with the CFMEU leadership and counselled Bushnell in respect of the behaviour). Lost 1 day.
5 August 2024	CFMEU stoppage to meet with members. Lost 2 hours.
6 August 2024	CFMEU stoppage to meet with members. Lost 2 hours.
27 August 2024	CFMEU stoppage – work stopped due to traffic controllers attending CFMEU rally. Lost 4 hours.
22 October 2024	CFMEU stoppage (TES works ceased due to alleged safety issue). Lost 3 hours.
23 October 2024	CFMEU stoppage (TES works ceased due to alleged safety issue). Lost 1 day.
19 February 2025	CFMEU Rally in response to administration. Lost site for 1 day.
20 – 26 February 2025	CFMEU stoppage (formwork works ceased due to alleged safety concerns). Lost 4.8 days.
4 March 2025	Labour Day Rally. Lost 6 hours.
Southern Queensland Correction Precinct Project – Stage 2	
4 August 2022	CFMEU Rally. Lost 1 day.
29 September 2022	CFMEU stoppage. Lost 1 day.
9 November 2022	CFMEU Rally. Lost 1 day.
5 April 2023	CFMEU Rally. Lost 1 day.
28 April 2023	CFMEU Rally. Lost 1 day.
14 September 2023	CFMEU Rally. Lost 1 day.
6 October 2023	CFMEU stoppage. Lost 1 day.
27 August 2024	CFMEU Rally in response to administration. Lost site for 1 day.
16 September 2024	CFMEU Rally in response to administration. Lost site for 1 day.
27 November 2024	CFMEU Rally in response to administration. Lost site for 1 day.
Logan Hospital Expansion Project Stage 2	
27 August 2024	CFMEU Rally in response to administration. Lost site for 1 day.
27 November 2024	CFMEU Rally in response to administration. Lost site for 1 day.

Date	Summary of issue
19 February 2025	CFMEU Rally in response to administration. Lost site for 1 day.
26 February 2025	CFMEU Rally in response to administration. Lost site for 4 hours.
28 April 2025	CFMEU Workers Memorial Day. Lost site for 1 day.
19 and 20 June 2025	CFMEU Rally following HCA decision. Lost site for 2 days.
8 July 2025	CFMEU stoppage to vote in new delegate. Lost site for 2 hours.
18 July 2025	CFMEU stoppage due to alleged concerns re amenities. Lost site for 2 hours.
1 August 2025	CFMEU stoppage due '2-hour union meeting'. Lost site for 2 hours.
22 August 2025	CFMEU stoppage (alleged safety concerns re temporary DB boards). Lost site for 4 hours.
10 and 11 November 2025	CFMEU stoppage (alleged safety concerns following fatality at JH project in NSW). Lost site for 1.3 days.
Princess Alexandra Hospital Expansion Project	
27 August 2024	CFMEU Rally in response to administration. Lost site for 1 day.
16 September 2024	CFMEU Rally in response to administration. Lost site for 1 day.
27 November 2024	CFMEU Rally in response to administration. Lost site for 1 day.
27 November 2024	CFMEU Rally in response to administration. Lost site for 1 day.
19 February 2025	CFMEU Rally in response to administration. Lost site for 1 day.
28 April 2025	CFMEU Workers Memorial Day. Lost site for 1 day.
19 and 20 June 2025	CFMEU Rally following High Court decision regarding administration. Lost site for 2 days.

Sally Peers-JHG

From: Ross Davidson [redacted]
Sent: Monday, 25 Sep
To: Sally Peers-JHG; Brian Humphrey
Cc: Gavin Hore-JHG; Brian Dermody-JHG
Subject: RE: Wit

Hi Sally I have spoken to Brian and he has told me that he sent it to Craig by accident. It won't happen again

CFMEU
Construction & General Division
QLD/NT Divisional Branch

Ross Davidson
Training Manager

16 Campbell Street
Bowen Hills QLD 4006

T 07 3231 4600
F 07 3231 4699
[redacted]

I acknowledge the traditional Aboriginal owners of country throughout Australia an
pay my respect to them, their culture and their Elders past, present and future.

IMPORTANT:
This email (including any attachments) may contain confidential and/or legally privileged information intended only for the addressee.
If you are not the intended recipient, any use, dissemination, forwarding, printing or copying of this email is strictly prohibited.
If you receive this email by mistake please notify us by return email, delete the email, destroy any printed copy and do not disclose or
use its information in any way. We do not waive any confidentiality, privilege or copyright in this email. In order to minimise the risk of fraud,
prior to proceeding with any electronic transfer of funds please confirm by telephone the details of any new account we nominate for that purpose.

From: Sally Peers-JHG [redacted]
Sent: Monday, September 25, 2023 11:55 AM
To: Brian Humphrey [redacted]
Cc: Ross Davidson [redacted]; Gavin Hore-JHG [redacted]; Brian Dermody-JHG [redacted]
Subject: FW: Wit

Hi Brian

I noticed that today's WIT attendance records were sent to Craig Tait. Can you please advised why this was sent to Craig?

The induction training attendance records hold personal information which is confidential and is for training purposes only and must not be shared with delegates.

Thanks
Sally

Sally Peers
WHS Rail & Safety Manager
Gold Coast Light Rail Stage 3

JOHN HOLLAND

Oasis Shopping Centre
Level 1, Suite 1-6,
75 Victoria Avenue
Broadbeach, QLD 4218
M. [redacted]
W. johnholland.com.au

From: Jess Payne-JHG [redacted]
Sent: Monday, September 25, 2023 10:38 AM
To: Sally Peers-JHG [redacted]
Subject: FW: Wit

Today's WIT attached

Thanks,

Jess Payne
Safety Administrator
Gold Coast Light Rail Stage 3

JOHN HOLLAND

Yugambeh Country
Oasis Shopping Centre
Level 1, Suite 1-6,
75 Victoria Avenue
Broadbeach, QLD 4218
M. [redacted]
W. johnholland.com.au

John Holland acknowledges the Traditional Custodians of the lands on which we work and live.
We pay our respects to their Elders both past and present and extend that respect to all Aboriginal and Torres Strait Islander Peoples.

*I support **LGBTI** Inclusion.*
My Pronouns are She / Her

From: Brian Humphrey [redacted]
Sent: Monday, September 25, 2023 7:45 AM
To: Amanda Sims-JHG [redacted] Jess Payne-JHG [redacted]
Cc: Craig Tait [redacted]
Subject: Wit

CFMEU
Construction & General Division
QLD/NT Divisional Branch

Brian Humphrey
Apprentice Scholarship Co-ordinator

16 Campbell Street
Bowen Hills QLD 4006

T [redacted]
F [redacted]





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pay my respect to them, their culture and their Elders past, present and future.

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If you receive this email by mistake please notify us by return email, delete the email, destroy any printed copy and do not disclose or
use its information in any way. We do not waive any confidentiality, privilege or copyright in this email. In order to minimise the risk of fraud,
prior to proceeding with any electronic transfer of funds please confirm by telephone the details of any new account we nominate for that purpose.

TS-65

Sally Peers-JHG

From: Gavin Hore-JHG
Sent: Tuesday, 23 July 2024 3:51 PM
To: rdavidson [redacted]
Cc: Tom Ragg y Peers-JHG
Subject: Brian Humphreys conduct

Ross,

As discussed, we have had multiple people give feedback regarding CFMEU trainer Brian Humphrey being unprofessional when delivering training sessions at GCLR3 project induction.

Feedback from induction session delivered by Brian on 28 June 2024:

- Language (Swearing throughout the induction including (c word on multiple occasions)
- Continual reference around the lack of care John Holland has to safety and wellbeing of their workers
- Did not stay on topic – kept telling everyone about his life struggles and decisions his made instead of focusing on the actual topic's asbestos/silica
- Recruitment drive by Craig Tait and himself to join the union . (felt like you didn't have choice to join or not) We have staff and Clients, State reps attend these inductions.
- Alcohol and Drugs section
    - Implying continuously to drink
    - what drugs would go through your system fastest (Not mentioning healthy wellbeing) This section was about how not to get caught by JH
    - Told everyone to go and have beers during the lunch break
    - Made jokes about crack pipes/bongs and cocaine
- The potential damage he is doing to the culture on this project being the first point of contact for employees/contractors.

Feedback from Goldlinq attending the session:

- Brian has told the group that they could go have a beer at the tavern while on their lunch break and return back to the session.

JHG is at the point where we dont want Brian to delivering training for the project as we have had multiple groups tell us we dont really walk out of the induction with a positive attitude toward the project after such a negiative induction.

Regards,

Gavin Hore
General Superintendent
Gold Coast Light Rail – Stage 3

JOHN HOLLAND

Yugambeh Country
Oasis Shopping Centre
75 Victoria Ave
Level 1 Suite 1-6
Broadbeach QLD 4218
M. [redacted]
W. johnholland.com.au





John Holland acknowledges the Traditional Custodians of the lands on which we work and live.
We pay our respects to their Elders both past and present and extend that respect to all Aboriginal and Torres Strait Islander Peoples.

Our Ref. GCLR-JHG-LTR-02914

2 October 2025

GoldlinQ 3 Pty Ltd
Suite 101
2681 Gold Coast Highway
Broadbeach QLD 4218

For the attention of: Mr Phil Mumford, OF3 Representative

Dear Phill

GOLD COAST LIGHT RAIL STAGE 3
NOTICE OF EVENT OF DEFAULT

D&C Contractor refers to:

- D&C Contractor's notice dated 26 March 2025 (Ref GCLR-JHG-LTR-02668_B)
- OF3's letter dated 27 March 2025 (Ref GL3-5436)
- OF3's letter dated 12 May 2025 (Ref GL3-5532)
- Discussions between OF3 and D&C Contractor on 14 May 2025
- D&C Contractor's update no.1 dated 20 May 2025 (Ref GCLR-JHG-LTR-02736)
- D&C Contractor's update no. 2 dated 30 May 2025 (Ref GCLR-JHG-LTR-02757)
- OF3's letter dated 17 June 2025 (Ref GL3-5636) which included a letter from the State dated 16 June 2025
- D&C Contractor's update no. 3 dated 25 June 2025 (Ref GCLR-JHG-LTR-02789)
- OF3's letter dated 9 July 2025 (Ref GL3-5697)
- D&C Contractor's letter dated 24 July 2025 (Ref GCLR-JHG-LTR-02830)

Unless otherwise defined, terms defined in this correspondence have the same meaning as given to them in the D&C Contract.

Context

On 26 March 2025 D&C Contractor gave notice of a D&C Contractor Event of Default. For these purposes, it is sufficient to note that D&C Contractor had become aware of conduct between an employee of D&C Contractor and three employees of Moonyah Workforce Pty Ltd (Moonyah) which resulted in Moonyah receiving payment for work which had not been authorised to be performed by Moonyah employees.

At that time, D&C Contractor had terminated the employment of D&C Contractor's employee, removed the relevant Moonyah employees from the Project and was continuing its investigations into the issue.

By way of formal correspondence and discussions, D&C Contractor continued to update OF3 on the status of ongoing investigations. In particular, on 30 May 2025 D&C Contractor provided a report of Kingston Reid which provided particulars of the offending conduct. D&C Contractor also provided a 'plan to remedy' with 5 clear actions and their status.

On 17 June 2025 OF3 notified D&C Contractor of some specific queries raised by the State.

On 25 June 2025, D&C Contractor responded as fully and transparently as it could, in the context of the ongoing investigations, and committed to notifying OF3 of the outcome of D&C Contractor's investigations.

Acknowledging the seriousness of the issues, D&C Contractor proactively took all reasonable steps (including formally notifying OF3 of an Event of Default) and provided updates as and when they were available.

The further investigations undertaken by D&C Contractor have now been concluded and the key findings are set out below.

Methodology

D&C Contractor acknowledges the specific requests from the State to understand the scope and methodology of the investigation.

D&C Contractor confirms that through its external legal representatives it engaged a third party to perform the review. The review was comprehensive and methodical and used randomly selected weeks between May 2024 and March 2025 as a sample. It involved:

- Comparing booking schedules, timesheets (PDF and Traffio system extracts), prestart attendance data, weekly summary spreadsheets, and email correspondence.
- Cross-referencing traffic controller attendance at prestart meetings with timesheet submissions and supervisor approvals.
- Analysing exceptions, such as missing documentation, attendance anomalies, and potential duplicate or irregular timesheet entries.
- Engaging with both D&C Contractor and Moonyah to clarify operational processes and data flows.

Key findings

The key findings can be summarised as follows:

- There was a high degree of consistency between the timesheet data and supporting documentation. D&C Contractor's internal review processes were robust, with most discrepancies detected and resolved internally.
- While some exceptions were identified (such as missing PDF timesheets or attendance records), these were rare relative to the total volume of records reviewed. Where exceptions did occur, D&C Contractor's processes generally identified and addressed them.

Importantly, based on the information provided and the tasks completed as part of the review, in respect of the review period, there was no evidence that D&C Contractor was charged for work that was not performed by Moonyah personnel and no fraud has been identified.

Recommendations

The review made several recommendations:

- Enhance prestart meeting protocols and compliance reviews.
- Conduct regular reviews of pre start data.
- Revise end-of-shift procedures for timely supervisor signatures.

- Obtain an understanding from Moonyah of how timesheets are generated.
- Further strengthen review of PDF timesheets, focusing on timestamps and signature accuracy.

D&C Contractor has implemented the following practical measures:

Proposed Action for Consideration	Project Action	Status
Enhance prestart meeting protocols by introducing processes aimed at reducing instances where Traffic Controllers either do not attend or are not properly recorded as attending.	e.g. Requirement to attend pre-start meetings has been reinforced across the full workforce during toolboxes and prestart meetings	Implemented and ongoing
Conduct regular reviews of prestart data to confirm acceptable levels of compliance with prestart meeting protocols.	e.g. Audits of prestart data are conducted monthly through the payment claim process and any repeat offenders are identified and dealt with accordingly via the site supervisory team. For operational reasons there are allowed exceptions to the attendance of pre-starts and supervisors and workforce have been briefed to record these occasions on timesheets/dockets they are signing to assist in verifying legitimate non-attendance at prestart.	Implemented and ongoing
Revised end of shift procedures to ensure that supervisor signatures are obtained after the shift has concluded (with exceptions permitted only under specific circumstances).	Subcontractor to submit timesheets to John Holland Electronic Docket email (GCLR3.ElectronicDockets@jhg.com.au) daily after the shift has concluded and signed by John Holland authorised signatories (refer to John Holland authorised signatory list). Check GCLR3 Electronic Docket daily ensuring signed timesheets are submitted. Weekly summary review will be based on daily submitted timesheets on GCLR3 Electronic Docket email. This will negate potential amendment of daily timesheets.	Subcontractor has started submitting daily timesheets to GLCR3 Electronic Docket email since 08 April 2025 until 20 June 2025. Subcontractor reminded to submit daily timesheets to GCLR3 Electronic Docket email.
Obtain an understanding from Moonyah as to how timestamps are generated, and what they reflect.	Obtain Traffio report with timestamps and verify/compare against electronic dockets submitted as well as verifying with JH authorised signatories.	Subcontractor to confirm and submit Traffio report as required by John Holland.
Further strengthen the review process for PDF timesheets, placing greater emphasis on timestamps and accuracy of signatures.	Signatures are checked against Authorised Signature List sample signatures. Weekly Summary will be based on daily submitted timesheets to GCLR3 Electronic Docket email.	Implemented and on-going. Implemented and on-going

Proposed Action for Consideration	Project Action	Status
	Timesheets regularly spot checked against 3DS records to confirm sign-on time correlates.	Implement on a regular weekly basis. Currently spot checks are less frequent

D&C Contractor has also contacted Moonyah to enquire as to which measures it has taken and we will update OF3 once D&C Contractor has received a response.

Overpayment

D&C Contractor has recovered the $170,809.53 overpayment from Moonyah by way of set off. D&C Contractor has calculated the amount to be repayable to State to be $46,229.24 which represents the amount D&C Contractor was paid under the reimbursable model for the BPIC Premium in respect of one of the Moonyah employee's (Jacinta Faainga) hours. A breakdown of this calculation is attached to this letter as Schedule 1.

Conclusion

D&C Contractor considers it has taken all reasonable and practical steps to:

- Identify and self-report the issues to OF3.
- Reach the conclusion that there has not been, nor is there any evidence of, systemic issues of overpayment for work not performed by Moonyah (or otherwise).
- Implement measures to ensure the issue does not occur again.
- Reimburse OF3 for the amount of the identified overpayment.

In the circumstances D&C Contractor requests confirmation from OF3 that the issue (including the identified Event of Default) is at an end.

No waiver

For the avoidance of doubt, and consistent with all D&C Contractor's prior communications, the investigation (and any documentation prepared for the purpose of it) is subject to legal professional privilege and D&C Contractor does not waive privilege over the investigation and nothing in this letter should be taken as a waiver of that privilege.

D&C Contractor reserves its rights.

Yours faithfully

[redacted]

Chris Russell
D&C Contractor Representative

Attachments: Schedule 1 - Moonyah BPIC Reconciliation

Moonyah Workforce - Jacinta Faingaa 'afuie BPIC Premium Reconciliation

Period	Rate Category	JH Paid to Moonyah			Claimed BPIC Premium			Certifed BPIC Premium		
		Hours	Rate	Amount	Hours	Rate	Amount	Hours	Rate	Amount
15/2/2024 to 30/6/2024	Monday to Friday - Traffic Controller, 0 - 8 Hours, excluding Vehicle	620.00	$ 95.99	$ 59,513.80	620.00	$ 54.86	$ 34,013.20	620.00	$ 54.86	$ 34,013.20
	Monday to Friday - Traffic Controller, 8 - 10 Hours, excluding Vehicle	35.32	$ 103.89	$ 3,669.05	35.32	$ 47.89	$ 1,691.32	35.32	$ 47.89	$ 1,691.32
	Daily Travel Allowance, per Traffic Controller (payable per person per shift)	79.00	$ 49.70	$ 3,926.30	79.00	$ 23.58	$ 1,862.82	79.00	$ 23.58	$ 1,862.82
	BPP training (Hourly per person)	2.00	$ 95.99	$ 191.98	-	$ -	$ -	-	$ -	$ -
1/7/2024 to 8/8/2024	Monday to Friday - Traffic Controller, 0 - 8 Hours, excluding Vehicle	384.00	$ 99.30	$ 38,131.20	144.00	$ 60.91	$ 8,771.04	144.00	$ 54.86	$ 7,899.84
	Monday to Friday - Traffic Controller, 8 - 10 Hours, excluding Vehicle	23.30	$ 107.11	$ 2,495.66	7.05	$ 53.75	$ 378.94	7.05	$ 47.89	$ 337.62
	Daily Travel Allowance, per Traffic Controller (payable per person per shift)	48.00	$ 51.25	$ 2,460.00	18.00	$ 26.66	$ 479.88	18.00	$ 23.58	$ 424.44
	BPP training (Hourly per person)	-	$ 99.30	$ -	-	$ -	$ -	-	$ -	$ -
9/8/2024 to 3/3/2025 *	Monday to Friday - Traffic Controller, 0 - 8 Hours, excluding Vehicle	548.00	$ 99.30	$ 54,416.40						
	Monday to Friday - Traffic Controller, 8 - 10 Hours, excluding Vehicle	23.05	$ 107.11	$ 2,468.89						
	Daily Travel Allowance, per Traffic Controller (payable per person per shift)	69.00	$ 51.25	$ 3,536.25						
	BPP training (Hourly per person)	-	$ 99.30	$ -						
				$ 170,809.53			**$ 47,197.19**			**$ 46,229.24**

** BPIC Reimbursable Costs formed part of D&C Contractor's Monthly Statement (progress claim) until September 2024, after which the Downstream Deed of Settelement Release & Variation came into effect.*
The September 2024 Monthly Statement claimed reimbursement for Moonyah hours up to and including 8 August 2024.

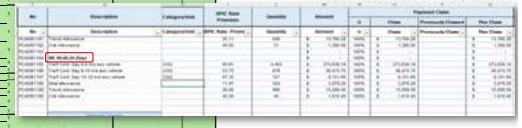
PRICING SCHEDULE

	PRE JULY 24			POST JULY 24		
SUBCONTRACTOR CLAIM	Total Hrs	Unit Rate	Total Amount	Total Hrs	Unit Rate	Total Amount
			72,859.07			110,890.69
Traffic Controller - Day Shift (6am - 10am) Mon-Fri Ordinary Hours			$ 67,445.70			$ 102,361.80
Monday to Friday - Traffic Controller, 0 - 8 Hours, excluding Vehicle	660.00	59.84	60,260.30	936.00	84.32	94,967.30
Monday to Friday - Traffic Controller, 8 - 10 Hours, excluding Vehicle	82.50	107.71	4,799.74	82.50	107.71	6,499.24
Monday to Friday - Traffic Controller, 10 - 12 Hours, excluding Vehicle		133.71	-		133.71	-
Traffic Controller - Afternoon Shift (10am - 6pm) Mon-Thurs Ordinary Hours			$ -			$ -
Monday to Friday - Traffic Controller, 0 - 8 Hours, excluding Vehicle		107.36	-		107.36	-
Monday to Friday - Traffic Controller, 8 - 10 Hours, excluding Vehicle		125.25	-		125.25	-
Monday to Friday - Traffic Controller, 10 - 12 Hours, excluding Vehicle		139.74	-		139.74	-
Saturday - Traffic Controller, 0 - 8 Hours, excluding Vehicle		133.71	-		133.71	-
Saturday - Traffic Controller, 8 - 10 Hours, excluding Vehicle		125.25	-		125.25	-
Saturday - Traffic Controller, 10 - 12 Hours, excluding Vehicle		139.74	-		139.74	-
Sunday - Traffic Controller, 0 - 8 Hours, excluding Vehicle		171.65	-		171.65	-
Sunday - Traffic Controller, 8 - 10 Hours, excluding Vehicle		139.74	-		139.74	-
Sunday - Traffic Controller, 10 - 12 Hours, excluding Vehicle		139.74	-		139.74	-
Traffic Controller - Public Holidays - All Shifts			$ -			$ -
Traffic Controller - 0-8 Hours, excluding Vehicle		171.65	-		171.65	-
Traffic Controller - 8-10 Hours, excluding Vehicle		171.65	-		171.65	-
Traffic Controller - 10-12 Hours, excluding Vehicle		171.65	-		171.65	-
Traffic Controller - ADD - All Shifts			$ -			$ -
Traffic Controller - 0-8 Hours, excluding Vehicle		139.74	-		139.74	-
Traffic Controller - 8-10 Hours, excluding Vehicle		139.74	-		139.74	-
Traffic Controller - 10-12 Hours, excluding Vehicle		139.74	-		139.74	-
Traffic Controller - Additional resources not programmed in 2 week lookahead (Day Shift)			$ -			$ -
Traffic Controller - 0-8 Hours, excluding Vehicle		167.69	-		167.69	-
Traffic Controller - 8-10 Hours, excluding Vehicle		135.75	-		135.75	-
Traffic Controller - 10-12 Hours, excluding Vehicle		153.72	-		153.72	-
Allowances			$ 6,113.60			$ 9,309.60
Meal Allowance, per Traffic Controller (payable after 9.5 hours per shift)		29.15	61.21	2.00	29.15	61.21
Daily Travel Allowance, per Traffic Controller (payable per person per shift)	84.50	49.75	4,172.90	125.00	51.25	6,406.25
Crib Allowance, per Traffic Controller (0-8 Hours		11.94	-	2.00	11.94	23.88
Crib Allowance, per Traffic Controller (All over time		23.90	-		23.90	-
Traffic Controller, Inclement weather Day Shift Ordinary Hours		160.16	-		170.65	-
Traffic Controller, Inclement weather Afternoon Shift Ordinary Hours		160.16	-		171.65	-
RPP Indoor Role			$ 161.00			$ 161.00
RPP training (Hourly per person)	0.00	66.00	161.00	0.00	66.00	161.00
Equipment (Excluding Labour unless directed otherwise)			$ 647.00			$ -
Traffic Control Site - With VMS Board		20.00	-		20.00	-
Traffic Control Site - Without VMS Board	72.00	10.00	647.00		10.00	-
PCD Tab			-			-
Cone Track			-			-
Traffic Guidance Schemes (TGS) and Permit Application			$ -			$ -

TOTAL CLAIMED	TOTAL ASSESSED
$ 163,750.26	$ 170,948.23
Variance	-$ 12,941.03

JH ASSESSED	PRE JULY 24			POST JULY 24		
	Total Hrs	Unit Rate	Total Amount	Total Hrs	Unit Rate	Total Amount
			67,301.12			103,639.10
	9,609.60	59.84	$ 61,140.45			$ 97,232.40
	620.00	90.98	59,513.00	54.86	- 6,355.20	922.20	99.00	$ 91,297.80
	82.50	107.71	4,889.91	47.89	- 494.44	46.25	107.71	4,787.47
		133.71	-	59.61	-		133.71	-
			$ -					$ -
		107.36	-		-		111.36	-
		125.25	-		-		129.25	-
		139.74	-		-		139.74	-
		133.71	-		-		139.74	-
		125.25	-		-		129.25	-
		139.74	-		-		139.74	-
		171.65	-		-		171.65	-
		139.74	-		-		139.74	-
		139.74	-		-		139.74	-
			$ -					$ -
		171.65	-		-		171.65	-
		171.65	-		-		171.65	-
		171.65	-		-		171.65	-
			$ -					$ -
		139.74	-		-		139.74	-
		139.74	-		-		139.74	-
		139.74	-		-		139.74	-
			$ -					$ -
		167.69	-		-		167.69	-
		135.75	-		-		135.75	-
		153.72	-		-		153.72	-
			$ 9,309.60					$ 9,309.60
		29.15	- 29.15			2.00	29.15	58.30
	79.00	49.75	3,929.25	23.58	- 410.66	102.00	51.25	5,986.50
		11.94	-		-	2.00	11.94	23.88
		23.90	-		-		23.90	-
		170.65	-		-		170.65	-
		171.65	-		-		171.65	-
			$ 161.00					$ 161.00
	0.00	66.00	161.00	0.00	66.00	161.00		
			$ -					$ -
		20.00	-				20.00	-
		10.00	-				10.00	-
			$ -					$ -

	-	6,355.20	- 6,355.20
	-	494.44	- 494.44
	-		-
	-		-
	-		-



Extract from DAC Contractor's Monthly APIC Statement (progress claim) to end September 2024 including the block rate for other BTIC Thornaston relief cabins (to suspected Thornaston Hayes

Received By
obobovych
11:29 am Jul 21, 2025

TS-67

MOONYAH WORKFORCE

TAX INVOICE

John Holland Pty Ltd
1000A Ann Street
FORTITUDE VALLEY QLD 4006
AUSTRALIA
ABN: 11004282268

Invoice Date
17 Jul 2025

Invoice Number
INV-3724

Reference
SC-7221-SSC-083 Claim 32-2

ABN
62 636 952 988

Moonyah Workforce Pty Ltd
PO Box 890
HAMILTON CENTRAL QLD
4007
AUSTRALIA

Description	Quantity	Unit Price	GST	Amount AUD
June Claim 32-2				
Monday to Friday 0-8 Hours	9498.00	97.30	10%	924,155.40
Monday to Friday 8-10 Hours	1415.50	113.91	10%	161,239.61
Monday to Friday 10+ Hours	171.73	135.79	10%	23,319.22
Additional Resources				
0-8 Hours	552.75	99.30	10%	54,888.08
8-10 Hours	40.50	113.91	10%	4,613.36
10+ Hours	4.00	135.79	10%	543.16
Allowances				
Meal Allowance	672.00	30.70	10%	20,630.40
Daily Travel Allowance	1280.00	51.25	10%	65,600.00
Inclement Weather	7.00	171.06	10%	1,197.42
BPP Training	56.00	99.30	10%	5,560.80
Equipment				
Traffic ute - No VMS Board	1978.40	12.00	10%	23,740.80
Traffic Ute with VMs Board	94.00	20.00	10%	1,880.00
Contract Deductions and Backcharges	1.00	(170,840.23)	10%	(170,840.23)
			Subtotal	1,116,528.02
			TOTAL GST 10%	111,652.81
			TOTAL AUD	**1,228,180.83**

Due Date: 30 Aug 2025

1019

This Invoice is a payment claim under the Building Industry Fairness (Security of Payment) Act 2017

All amounts payable under contracts to which this invoice relates, have been transferred to Scottish Pacific Business Finance Pty Ltd ("ScotPac"). This means your cheques must be made payable to ScotPac and be sent direct to GPO Box 9969, Brisbane QLD 4001 or by our preferred method of payment, Electronic Funds Transfer to:
ANZ Bank Branch: Pitt Street, Sydney BSB: 012 003 Account: 838424202
Payment to any other person will not constitute a valid discharge of the debt.
Credit Card payments call 07 3002 5244 or 07 3002 5252, we accept Visa or Mastercard with a 1.5% surcharge.

Remittances: accounts@moonyahworkforce.com.au

PAYMENT ADVICE

Customer	John Holland Pty Ltd
Invoice Number	INV-3724
Amount Due	**1,228,180.83**
Due Date	30 Aug 2025
Amount Enclosed	

Enter the amount you are paying above

To: Moonyah Workforce Pty Ltd
PO Box 890
HAMILTON CENTRAL QLD 4007
AUSTRALIA

GoldlinQ
GOLD COAST LIGHT RAIL

Keeping the Gold Coast's light rail moving.

28 October 2025

Mr Chris Russell - D&C Representative
John Holland Group
Level 3 1000 Ann Street
FORTITUDE VALLEY, QLD 4006

Level 1, 2681 Gold Coast Hwy
Broadbeach QLD 4218
Phone +61 (07) 5570 9700

Our Ref: GL3-5934

Dear Chris

RE: Gold Coast Light Rail Stage 3 – Notice of Event of Default (Employee Misconduct at Moonyah Workforce)

Unless otherwise defined, terms defined in this letter have the same meaning as given to them in the D&C Contract.

OF3 refers to D&C Contractor's letter of 2 October 2025 (reference: GCLR-JHG-LTR-02914) and in response, OF3 advises that it has received correspondence from the State dated 28 October 2025 (Attachment 1) within which State advises that it has no further queries on the specific non-compliance referred to in that correspondence, and that the State is agreeable to OF3 collecting the misapplied monies from the D&C Contractor and placing the funds into the Construction Proceeds (SC) Account with other funds held in the SC Account to the State's credit.

OF3 notes that reimbursement of the overpayment has been addressed in D&C Contractor's October Payment Claim and consequently, OF3 advises that it now considers this matter closed.

OF3 remains available to discuss if required.

Yours sincerely

[redacted]

Digitally signed by Phil Mumford
Date: 2025.10.28 15:05:46 +10'00'

Phil Mumford
Operator Franchisee Representative 3

Attachment/s:

1. E587517-PDO Notice of Event of Default (Employee Misconduct at Moonyah Workforce)

Our ref E587517-PDO
Your ref GL3-5882

Queensland Government

Department of
Transport and Main Roads

GoldLinQ 3 Pty Ltd
Level 1, 2681 Gold Coast Highway
Broadbeach Qld 4218
PO Box 1361 Surfers Paradise Qld, 4217

By e-mail: [redacted]

Attention: Phil Mumford

Dear Phil

RE: GOLD COAST LIGHT RAIL STAGE 3 – NOTICE OF EVENT OF DEFAULT (EMPLOYEE MISCONDUCT AT MOONYAH WORKFORCE)

I refer to your letter dated 2 October 2025 (Ref: GL3-5882) regarding the above matter.

The State has no further queries on the specific non-compliance referred to in this correspondence.

Under the Stage 3 Works Deed, OF3 remains responsible for diligently pursuing any actions required to address issues of this type, whether they occurred in the past, or occur in the future. I trust OF3 and its D&C Contractor will remain vigilant in this regard and notify the State of any additional occurrences that may come to light.

The State is agreeable to OF3 collecting the misapplied monies from the D&C Contractor and placing the funds in the Construction Proceeds (SC) Account, together with other funds being held in the SC Account to the State's credit. The State will provide further instructions as to these surplus funds at a later date.

OF3 is requested to confirm when the transfer into the SC Account has been completed

Yours sincerely

[redacted] Gavin Massingham
2025.10.28 10:00:50
+10'00'

Gavin Massingham
State Representative Stage 3

28 / 10 / 2025

Gold Coast Light Rail Project
PO Box 442
Nerang QLD 4211

Telephone **+61 7 5555 4909**
Facsimile +61 7 5555 1946
Website www.tmr.qld.gov.au
Email **stage3_gclr@tmr.qld.gov.au**
ABN 39 407 690 291

TS-69

From: Trent Smith-JHG[/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FFF4257133144F0A8FFF0ACD277F374A-TRENT SMITH]

Sent: Tue 26/09/2023 12:53:47 PM (UTC+10:00)

To: Jade Ingham [redacted]

Cc: Colin Matthews-JHG [redacted]; Meagan Simpson-JHG [redacted]

Subject: JH Draft Building EA

Attachment: Qld Building Pattern EA 2023-2027.docx

Attachment: MOU - Qld Building_v2.docx

Hi Jade,
On a without prejudice basis, please see attached draft with proposed changes discussed last week.
I will speak to Leanne to lock in time to meet next week.
Cheers,
Trent

From: Trent Smith-JHG[/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FFF4257133144F0A8FFF0ACD277F374A-TRENT SMITH]

Sent: Thur 28/09/2023 9:51:46 AM (UTC+10:00)

To: Jade Ingham [redacted]

Subject: RE: JH Draft Building EA

Attachment: Qld Building EA.pdf

Attachment: MOU Building.pdf

Here you go.

From: Jade Ingham
Sent: Thursday, September 28, 2023 5:24 AM
To: Trent Smith-JHG
Subject: Re: JH Draft Building EA

Trent can you send in pdf please so I can read on iPad. I'm away on leave and would like to look at this today. Thanks

CFMEU

Construction & General Division
QLD/NT Divisional Branch

Jade Ingham

QLD/NT Assistant Secretary

16 Campbell Street

Bowen HillsQLD4006

T [redacted]

F [redacted]

[redacted]

I acknowledge the traditional Aboriginal owners of country throughout Australia and pay my respect to them, their culture and their Elders past, present and future.

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From: Trent Smith-JHG
Sent: Tuesday, September 26, 2023 12:53:47 PM
To: Jade Ingham
Cc: Colin Matthews-JHG ; Meagan Simpson-JHG
Subject: JH Draft Building EA

Hi Jade,
On a without prejudice basis, please see attached draft with proposed changes discussed last week.
I will speak to Leanne to lock in time to meet next week.
Cheers,
Trent

From: Trent Smith-JHG[/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FFF4257133144F0A8FFF0ACD277F374A-TRENT SMITH]

Sent: Fri 20/10/2023 5:40:53 PM (UTC+10:00)

To: Jade Ingham [redacted]

Cc: Colin Matthews-JHG [redacted] Meagan Simpson-JHG [redacted]

Subject: Qld Building EA

Attachment: Qld Building Pattern EA 2023-2027v2.docx

Attachment: MOU - Qld Building_v3.docx

Hi Jade,
Please see attached updated drafts based on our last meeting provided on a without prejudice basis. If you could please review and provide comment.
I have left you a message this afternoon, but I have also spoken with Dave Lehmann and Joe Barr and they would like to arrange a meeting to discuss the new EA and in particular the 2 hour meeting clause. They are both invested in ensuring a positive relationship with the CFMEU, so I think this meeting will be useful provided we can align diaries. In terms of attendees, I would see yourself, Zach, Joe, Dave and me.
Meeting will be best done in Sydney, are you able to confirm availability in the next couple of weeks?
Cheers,

Trent Smith
General Manager Industrial Relations
People

JOHN HOLLAND
Level 3, 65 Pirrama Rd
Pyrmont NSW 2009
P. [redacted]
M. [redacted]
W. johnholland.com.au

From: Trent Smith-JHG[/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FFF4257133144F0A8FFF0ACD277F374A-TRENT SMITH]

Sent: Tue 24/10/2023 5:25:26 PM (UTC+10:00)

To: Jade Ingham [redacted]

Cc: Colin Matthews-JHG [redacted]; Meagan Simpson-JHG [redacted] Paul Dunbar [redacted] Emma Eaves [redacted]

Subject: RE: Qld Building EA

Thanks Jade. Let me know when you can re the meeting, would be good if we can get this locked in asap.
We will need to lock in a new date for the vote (originally we were aiming for next week – 31st). We can lock this is once we have confirmed date for the meeting.
Cheers,
Trent

From: Jade Ingham
Sent: Monday, October 23, 2023 9:30 AM
To: Trent Smith-JHG
Cc: Colin Matthews-JHG ; Meagan Simpson-JHG ; Paul Dunbar ; Emma Eaves
Subject: RE: Qld Building EA
Trent comments below:
23.3 I'd list managing contract as an example
Other than that we have in-principle agreement, subject to a final proof read of the eba and the MOU from our end (can't trust you smiling assassins).
I'll talk to Zach about the other meeting.
Thanks

CFMEU

Construction & General Division
QLD/NT Divisional Branch

Jade Ingham

QLD/NT Assistant Secretary

16 Campbell Street

Bowen HillsQLD4006

T [redacted]

F [redacted]

[redacted]

I acknowledge the traditional Aboriginal owners of country throughout Australia and
pay my respect to them, their culture and their Elders past, present and future.

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If you are not the intended recipient, any use, dissemination, forwarding, printing or copying of this email is strictly prohibited.
If you receive this email by mistake please notify us by return email, delete the email, destroy any printed copy and do not disclose or
use its information in any way. We do not waive any confidentiality, privilege or copyright in this email. In order to minimise the risk of fraud,
prior to proceeding with any electronic transfer of funds please confirm by telephone the details of any new account we nominate for that purpose.

From: Trent Smith-JHG [redacted]
Sent: Friday, October 20, 2023 5:41 PM
To: Jade Ingham [redacted]
Cc: Colin Matthews-JHG [redacted]; Meagan Simpson-JHG [redacted]
Subject: Qld Building EA

Hi Jade,

Please see attached updated drafts based on our last meeting provided on a without prejudice basis. If you could please review and provide comment.

I have left you a message this afternoon, but I have also spoken with Dave Lehmann and Joe Barr and they would like to arrange a meeting to discuss the new EA and in particular the 2 hour meeting clause. They are both invested in ensuring a positive relationship with the CFMEU, so I think this meeting will be useful provided we can align diaries. In terms of attendees, I would see yourself, Zach, Joe, Dave and me.

Meeting will be best done in Sydney, are you able to confirm availability in the next couple of weeks?

Cheers,

Trent Smith
General Manager Industrial Relations
People

JOHN HOLLAND
Level 3, 65 Pirrama Rd
Pyrmont NSW 2009
P. +[redacted]
M. +[redacted]
W. johnholland.com.au

Memorandum Of Understanding – John Holland Queensland Building Agreement

Following recent discussions regarding the *John Holland Queensland Pty Ltd and CFMEU Union Collective Agreement 2023 – 2027* (**the Agreement**), John Holland Queensland Pty Ltd (**JHQ**) and the Construction, Forestry, Maritime, Mining and Energy Union (Queensland Northern Territory Construction and General Divisional Branch) (**CFMEU**) (collectively known as the 'Parties') agree the following in respect of the application of the Agreement:

1. The provisions contained in Clause 28.6 (a) (Labour Hire) of the Agreement will not apply to the following JHQ projects that are nearing completion:
   (a) St Andrews Private Hospital Project (Ipswich); and
   (b) Logan Hospital Expansion Project (Stage 1)
2. In respect of Clause 38.8 (b), the Parties agree that this provision is to be interpreted as applying in the case of any RDO, it is not restricted to a 'Monday RDO'. For example, the Saturday following an RDO that falls on a Tuesday (or any other day that precedes the proposed Saturday) can be worked subject to the consultation and agreement requirements of the Clause being met.
3. For the avoidance of doubt, Clause 28.10 will not prevent JHQ from 'hiring in' tower cranes from a supplier and having them operated by employees engaged by JHQ under the Agreement.
4. For Clause 47.9, the Parties agree that the following will apply:
   (a) It is acknowledged that JHQ did not consider any of the new provisions in the Agreement as part of its tender for any current or recently awarded projects.
   (b) The CFMEU commits to not using this provision unreasonably and to working with JHQ to limit its impact to JHQ projects (including impacts from any subcontractors on JHQ projects).
   (c) In the event that this provision is impacting JHQ projects, the Parties agree to meet and discuss, in good faith, the resolution of any issues that have given rise to the union use of this clause.

Sig [redacted] COLIN MATTHEWS 21/12/2023

John Holland Queensland Pty Ltd Representative

Signed:

_____

CFMMEU Representative