



INFRASTRUCTURE COMMITTEE MEETING

MINUTES

5 NOVEMBER 2024

These Minutes are due to be confirmed at the next
Infrastructure Committee meeting on 3 December 2024.

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**REPORT OF THE INFRASTRUCTURE COMMITTEE MEETING
HELD AT COUNCIL CHAMBERS, 232 BOLSOVER STREET, ROCKHAMPTON
ON TUESDAY, 5 NOVEMBER 2024 COMMENCING AT 9:00 AM**

1 OPENING

- 1.1 Acknowledgement of Country

2 PRESENT

Members Present:

Deputy Mayor, Councillor M D Wickerson (Chairperson)
Councillor S Latcham
Councillor E W Oram
Councillor C R Rutherford
Councillor M A Taylor
Councillor G D Mathers
Councillor E B Hilse

In Attendance:

Mr P Kofod – Acting Chief Executive Officer (Executive Officer)

3 APOLOGIES AND LEAVE OF ABSENCE

Leave of Absence for the meeting was previously granted to Councillor Tony Williams.

4 CONFIRMATION OF MINUTES OF PREVIOUS MEETING

COMMITTEE RECOMMENDATION

THAT the minutes of the Infrastructure Committee of 1 October 2024 be confirmed.

Moved by: Councillor Oram
Seconded by: Councillor Taylor

MOTION CARRIED UNANIMOUSLY

5 DECLARATIONS OF INTEREST IN MATTERS ON THE AGENDA

Nil

6 BUSINESS OUTSTANDING

Nil

7 PUBLIC FORUMS/DEPUTATIONS

Nil

8 PRESENTATION OF PETITIONS

Nil

9 COMMITTEE REPORTS

Nil

UNCONFIRMED

10 COUNCILLOR/DELEGATE REPORTS

10.1 PORTFOLIO UPDATE

File No: 10097
Authorising Officer: Peter Kofod - General Manager Regional Services
Author: Peter Kofod - General Manager Regional Services

SUMMARY

Portfolio Councillors for Waste and Recycling, Infrastructure and Water will provide an update on matters of interest within their portfolio.

COMMITTEE RECOMMENDATION

THAT the Portfolio Updates for Waste and Recycling, Infrastructure and Water be received.

Moved by: Councillor Hilse
Seconded by: Councillor Mathers

MOTION CARRIED UNANIMOUSLY

11 OFFICERS' REPORTS

11.1 INFRASTRUCTURE PROJECT REFERENCE GROUP 16 OCTOBER 2024

File No: 11979
Authorising Officer: Peter Kofod - General Manager Regional Services
Author: Peter Kofod - General Manager Regional Services

SUMMARY

The Agenda and Minutes of the Infrastructure Project Reference Group meeting held on 18 September 2024 are provided in accordance with the adopted Terms of Reference.

COMMITTEE RECOMMENDATION

THAT the Agenda and Minutes (as shown in Attachment 1 and 2) of the Infrastructure Project Reference Group meeting held on 16 October 2024 be received.

Moved by: Councillor Wickerson
Seconded by: Councillor Taylor

MOTION CARRIED UNANIMOUSLY

**11.2 MONTHLY PROJECT STATUS REPORT FOR CIVIL OPERATIONS -
SEPTEMBER 2024**

File No: 7028
Authorising Officer: Peter Kofod - General Manager Regional Services
Author: John Gwydir - Manager Civil Operations

SUMMARY

Monthly Project Status Report on all major capital projects being delivered by the Civil Operations section.

COMMITTEE RECOMMENDATION

THAT the Monthly Project Status Report for Civil Operations for September 2024 be received.

Moved by: Councillor Latcham
Seconded by: Councillor Taylor

MOTION CARRIED UNANIMOUSLY

11.3 QUARTERLY MINOR PROJECT STATUS REPORT FOR CORPORATE AND REGIONAL SERVICES - JULY TO SEPTEMBER 2024

File No: 8148
Authorising Officer: Ross Cheesman - Deputy Chief Executive Officer
Author: Marnie Taylor - Chief Financial Officer

SUMMARY

The Quarterly Minor Project Status Report for Corporate and Regional Services Departments for the period July to September 2024.

COMMITTEE RECOMMENDATION

THAT the Quarterly Minor Project Status Report for Corporate and Regional Services be received.

Moved by: Councillor Oram
Seconded by: Councillor Rutherford

MOTION CARRIED UNANIMOUSLY

12 NOTICES OF MOTION

Nil

13 QUESTIONS ON NOTICE

Nil

14 URGENT BUSINESS QUESTIONS

Nil

15 CLOSURE OF MEETING

There being no further business the meeting closed at 9.34 am.

SIGNATURE

CHAIRPERSON

DATE

ATTACHMENT 1

INFRASTRUCTURE PROJECT

REFERENCE GROUP

MINUTES

16 OCTOBER 2024



INFRASTRUCTURE PROJECT REFERENCE GROUP MEETING

MINUTES

16 OCTOBER 2024

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**REPORT OF THE INFRASTRUCTURE PROJECT REFERENCE GROUP MEETING
HELD AT COUNCIL CHAMBERS, 232 BOLSOVER STREET, ROCKHAMPTON
ON WEDNESDAY, 16 OCTOBER 2024 COMMENCING AT 8:58AM**

COMMITTEE RECOMMENDATION

THAT Councillor Shane Latcham be appointed as Chairperson.

8:58AM Councillor Latcham assumed the Chair

1 OPENING

2 PRESENT

Members Present:

Councillor S Latcham (Chairperson)
Councillor E W Oram
Councillor M A Taylor
Mr P Kofod – General Manager Regional Services (Executive Officer)
Mr R Cheesman – Deputy Chief Executive Officer
Ms M Taylor – Chief Financial Officer
Mr A Collins – Manager Project Delivery

In Attendance:

Mr D Toon – Manager Water and Wastewater
Mr M Crow – Manager Infrastructure Planning
Mr J Gwydir - Manager Civil Operations
Mr S Harvey – Coordinator Infrastructure Planning
Ms K Walsh – Acting Senior Committee Support Officer

3 APOLOGIES AND LEAVE OF ABSENCE

Leave of Absence for the meeting was previously granted to Councillor Tony Williams.

4 CONFIRMATION OF MINUTES OF PREVIOUS MEETING

COMMITTEE RECOMMENDATION

THAT the minutes of the Infrastructure Project Reference Group of 18 September 2024 be confirmed.

Moved by: Councillor Taylor

Seconded by: Councillor Oram

MOTION CARRIED UNANIMOUSLY

5 DECLARATIONS OF INTEREST IN MATTERS ON THE AGENDA

Nil

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6 OFFICERS' REPORTS

6.1 PROJECT MANAGEMENT PLAN - GLENROY ROAD CORRIDOR UPGRADE PROJECT

File No: 7028
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Martin Crow - Acting General Manager Regional Services

SUMMARY

Manager Infrastructure Planning presenting the Project Management Plan for the Glenroy Road Corridor Upgrade Project.

PRG RECOMMENDATION

THAT the Project Management Plan – Glenroy Road Corridor Upgrade Project report be received and any feedback be noted for consideration.

6.2 PARKHURST INDUSTRIAL AREA – ROAD UPGRADES

File No: 7028
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: John Gwydir - Manager Civil Operations

SUMMARY

This report provides the status of the Parkhurst Industrial Area – road upgrades project, which is one of the endorsed significant projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided.

PRG RECOMMENDATION

THAT the Parkhurst Industrial Area Roads Upgrade project status report be received.

UNCONFIRMED

6.3 NORTH ROCKHAMPTON SEWAGE TREATMENT PLANT

File No: 7028
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the North Rockhampton Sewage Treatment Plant project, which is one of the current major projects and endorsed significant projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the North Rockhampton Sewage Treatment Plant project monthly status report be received.

8.4 MOUNT MORGAN WATER PIPELINE PROJECT

File No: 7028
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the Mount Morgan Water Pipeline project, which is one of the current major projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the Mount Morgan Water Pipeline project monthly status report be received.

UNCONFIRMED

6.5 SOUTH ROCKHAMPTON SEWERAGE TREATMENT PLANT – NEW PLANT

File No: 7028
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the South Rockhampton Sewerage Treatment Plant - New Plant project, which is one of the current major projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the South Rockhampton Sewerage Treatment Plant – New Plant project monthly status report be received.

6.6 SOUTH ROCKHAMPTON SEWERAGE TREATMENT PLANT – UPGRADE

File No: 7028
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the South Rockhampton Sewerage Treatment Plant Upgrade project, which is one of the current major projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the South Rockhampton Sewerage Treatment Plant Upgrade project monthly status report be received.

6.7 GLENMORE WATER TREATMENT PLANT – ROOF REPLACEMENT

File No: 7028
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the Glenmore Water Treatment Plant Roof Replacement, which is one of the current major projects for the current financial year determined at the 17 July meeting.

PRG RECOMMENDATION

THAT the Glenmore Water Treatment Plant Roof Replacement project monthly status report be received.

UNCONFIRMED

6.8 GLENMORE WATER TREATMENT PLANT SOLAR FARM

File No: 7028
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the Glenmore Water Treatment Plant Solar Farm project, which is one of the current major projects and endorsed significant projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the Glenmore Water Treatment Plant Solar Farm project be received.

UNCONFIRMED

6.9 AIRPORT SOLAR

File No: 7028
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the Airport Solar project, which is one of the current major projects for the current financial year. The status is provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the Airport Solar project status report be received.

UNCONFIRMED

7 CLOSURE OF MEETING

There being no further business the meeting closed at 9:33am.

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ATTACHMENT 2

INFRASTRUCTURE PROJECT REFERENCE GROUP

AGENDA

16 OCTOBER 2024



INFRASTRUCTURE PROJECT REFERENCE GROUP MEETING

AGENDA

16 OCTOBER 2024

Your attendance is required at a meeting of the Infrastructure Project Reference Group to be held in the Council Chambers, 232 Bolsover Street, Rockhampton on 16 October 2024 commencing at 9:00 AM for transaction of the enclosed business.

A handwritten signature in black ink, appearing to be "C. P.", is positioned above the printed name of the Chief Executive Officer.

CHIEF EXECUTIVE OFFICER
9 October 2024

Next Meeting Date: 20.11.24

Please note:

In accordance with the *Local Government Regulation 2012*, please be advised that all discussion held during the meeting is recorded for the purpose of verifying the minutes. This will include any discussion involving a Councillor, staff member or a member of the public.

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1 OPENING**2 PRESENT**

Members Present:

Councillor S Latcham
Councillor E W Oram
Councillor M A Taylor
Mr E Pardon – Chief Executive Officer
Mr P Kofod – General Manager Regional Services (Executive Officer)
Ms M Taylor – Chief Financial Officer
Mr A Collins – Manager Project Delivery
Mr D Toon – Manager Water and Wastewater

3 APOLOGIES AND LEAVE OF ABSENCE

Councillor Tony Williams - Leave of Absence from 14 October 2024 to 18 October 2024

4 CONFIRMATION OF MINUTES

Minutes of the Infrastructure Project Reference Group held 18 September 2024

5 DECLARATIONS OF INTEREST IN MATTERS ON THE AGENDA

6 OFFICERS' REPORTS

6.1 PROJECT MANAGEMENT PLAN - GLENROY ROAD CORRIDOR UPGRADE PROJECT

File No:	7028
Attachments:	1. Glenroy Road Upgrade PMP ↓ 2. Glenroy Road Upgrade Location Map ↓
Authorising Officer:	Martin Crow - Acting General Manager Regional Services
Author:	Martin Crow - Acting General Manager Regional Services

SUMMARY

Manager Infrastructure Planning presenting the Project Management Plan for the Glenroy Road Corridor Upgrade Project.

PRG RECOMMENDATION

THAT the Project Management Plan – Glenroy Road Corridor Upgrade Project report be received.

COMMENTARY

Council have been successful in securing a funding commitment under the Federally funded Roads of Strategic Importance (ROSI) grants programs for the Glenroy Road corridor. This report provides the background to this project to support more specific ongoing Project Status reporting to the Infrastructure Project Reference Group. The proposed Project Management Plan is attached for Council's reference.

BACKGROUND

The Glenroy Road Corridor Upgrade Project has been pursued by Council under the ROSI funding program since 2018 with further submissions resulting in "in-principle" support in 2021 accompanied by Federal Budget support in 2022. A funding agreement was entered into with the State who are administering the funding program in February 2023. On election of the new Labor Federal government, this project was placed on hold pending the outcome of the government's 90-day Infrastructure Program Review. The budget was reconfirmed by the Federal Government on completion of its 90-day Infrastructure Program review in late 2023. Council is required to receive approval from the Federal Government for a Project Proposal Report (PPR) for final release of the ROSI program funds.

The PPR for the Planning and Design Phase of this project was submitted to the Federal Government in March 2024. The Federal Government have been reviewing the submission and have recently requested that the PPR be expanded to cover both Planning and Design and Project Delivery Phases. This would allow the full release of funding. Council Officers have reworked and resubmitted the submission.

The estimated cost of this project is \$25 million with an allocation of \$20 million for the Glenroy Crossing and \$5 million for the road improvements. The funding split for this project is \$20 million (80%) provided by the Federal Government and \$5 million (20%) provided by Council. The scope of the project is being refined to suit the available funding and will be agreed with the Federal Government through the PPR process.

The basis of Council's submission was primarily that the Glenroy Road corridor upgrade project was aimed at improving safety, capacity, high productivity vehicle use and flood immunity along Glenroy Road.

This corridor services existing agricultural developments and will be required to service the anticipated agricultural industry development associated with Rookwood Weir (completed and operational in 2024). Critical to servicing the western end of the Glenroy Road Corridor is the Glenroy Crossing of the Fitzroy River. This crossing is a single lane concrete floodway structure of minimal flood immunity and has been rated as being in poor condition in Council's Bridges and Major Culverts Asset Management Plan.

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PROJECT MANAGEMENT PLAN - GLENROY ROAD CORRIDOR UPGRADE PROJECT

Glenroy Road Upgrade PMP

Meeting Date: 16 October 2024

Attachment No: 1



Regional Services

PROJECT PLAN	
Project Title	Glenroy Road Corridor Upgrade Project
Project Asset Owner	Civil Operations
Project Manager	Stuart Harvey
Project Reference Group	Infrastructure
Date Prepared	02/10/2024

PROJECT PURPOSE
<p>Glenroy Road is used by a mix of local traffic and freight efficient vehicles that support the cattle industry and emerging agriculture industries. It is anticipated that the volume of traffic will increase with the opportunities for agricultural development enabled by the recently completed Rookwood Weir.</p> <p>Safety of all vehicles is at risk due to current conditions and engineering, low flood immunity and number of roadside hazards. Freight and agricultural efficiency is also reduced, and may be further impacted by increased volume of freight vehicles.</p> <p>Glenroy Road is a rural arterial road within Rockhampton Region LGA, providing key access to local cattle properties and emerging agricultural industries enabled by Rookwood Weir.</p> <p>When delivered, this project will provide:</p> <ul style="list-style-type: none"> • Improved pavement conditions and minimised whole-of-life maintenance costs • Safer conditions for all road users • Increased flood immunity through improved drainage • Improved access with the construction of a bridge over the Fitzroy River at Glenroy Crossing • Improved efficiencies for cattle and agricultural industries, including reduced trip times, better conditions for transportation of livestock and produce, and lower vehicle operating costs



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SCOPE

The Glenroy Road Upgrade project contains two components: a Road upgrade component for substandard curves and road widening, and a Bridge component for the upgrade of Glenroy crossing over the Fitzroy River.

Glenroy Road 'road' component:

The concept scope has the intent of designing the road with an operating speed varying by no greater than 20km/h at the curves. The proposed length of new road with reconstructed curves within the road component is approximately 3.82km.

The road component scope is outlined as:

- Widen and Seal 2.87km of pavement from Ch8550-Ch11420 to 6.5m seal on 8m formation.
- Realignment of the 11 horizontal curves – including minor acquisition of private land at four (4) curves (extent of land acquisition to be confirmed after further preliminary design investigation) to cater for B-Double Vehicles
- Extend existing or install new cross drainage culverts and install new headwalls as required
- Reconstruction of four (4) concrete floodways to accommodate safer two-way traffic operation
- Reshape four (4) intersections to allow vehicles up to 19m semi to safely negotiate turn manoeuvres

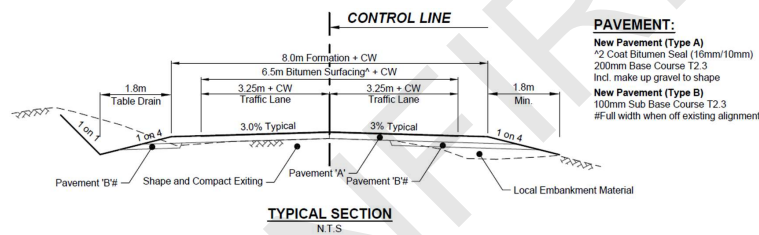


Figure 1: Typical Cross Section

Glenroy Road 'Bridge' component

- The concept scope intent is to improve the form and immunity of the existing Glenroy Road Crossing. The existing crossing has a less than 1 year ARI immunity and experienced frequent and prolonged inundation. Council has worked with consultants to arrive at a preferred bridge alignment to progress into design development. Currently there is a tentative bridge width and immunity level with a desire to provide a structure with the widest and highest-level immunity. The current concept design has a 9m bridge deck with an immunity of 1 in 2 year ARI.

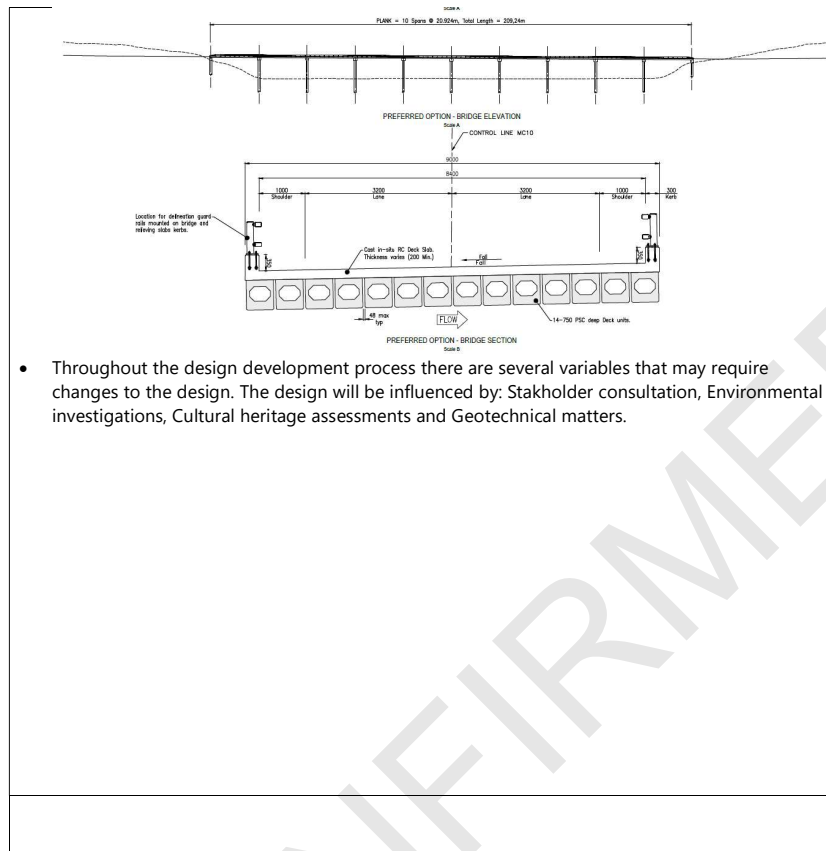
Issue

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- Throughout the design development process there are several variables that may require changes to the design. The design will be influenced by: Stakholder consultation, Environmental investigations, Cultural heritage assessments and Geotechnical matters.

BUDGET

This project is being funded by the Department of Infrastructure, Transport, Regional Development, Communications and the Arts through the Roads of Strategic Importance funding program and a co-contribution from Rockhampton Regional Council's FY2024-25 to 2027-28 Capital Budgets.

This project is estimated at a total cost of approximately \$32,259,083 which is comprised of the following component costs:

Road Upgrades: \$5,046,082



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Bridge Upgrades: \$27,213,001

The proposed funding is currently:

Council contribution: \$5,000,000

ROSI Contribution: \$20,000,000

Whilst it is acknowledged that the funded amount is currently less than the proposed budget, the bridge design work is conservative and has made a number of assumptions (in particular around cost escalation) that will be value engineered throughout the design development process.

Discussions have already taken place with the funding body around escalation concerns and they have advised that an amendment to the funding profile is possible if costs exceed the funding amount.

Cash Flow:

Financial Year Forecast Milestone Requirement *

P50/P90 Outturn (or Actual as appropriate)		FY2022-23	FY2023-24	FY2024-25	FY2025-26	FY2026-27	Balance of Commitment**
	Australian Government contribution		0	360,000	2,600,000	2,640,000	7,360,000
State Government contribution		0	0	0	0	0	0
RRC Contribution		0	90,000	650,000	660,000	1,840,000	1,760,000
Total		0	450,000	3,250,000	3,300,000	9,200,000	8,800,000



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TIMEFRAMES

The following table outlines the proposed project activities and milestones. Start, end dates and milestones are subject to further consultation and contractor negotiations, therefore please note that this program is indicative only and will be subject to review at regular intervals.

Activity	Timeline
Commence Preliminary designs for curve improvements, pavement widening and sealing Commence options analysis/business case for Glenroy Road Fitzroy River Crossing	30 June 2024
Complete options analysis for Glenroy Road Fitzroy River Crossing Commence detailed design and construction of curve improvements, pavement widening and sealing Commence detailed design of Glenroy Road Fitzroy River Crossing	30 June 2025
Complete detailed design of Glenroy Road Fitzroy River Crossing Complete construction of curve improvements, pavement widening and sealing	30 June 2026
Commence construction of Glenroy Road Fitzroy River Crossing	30 June 2027
Complete construction of Glenroy Road Fitzroy River Crossing	30 June 2028

Issue

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KEY STAKEHOLDERS

The following is a list of stakeholders who will have an impact or influence on the project and those who may be impacted by the project. Various levels information will be provided as required to these stakeholders.

Group/Individual Name & Title	Role	Summary of Information Needs
Federal Government - Department of Infrastructure, Transport, Regional Development, Communications and the Arts	Funding Source	Project Monthly Report Cost escalation and variations
Glenroy Community	Disseminates	Information on construction impacts Significant variations from original scope discussed
Project Manager – Department Representative	Manages the project	Decisions from the Sponsor/PCG Progress and status of project delivery Risks and issues Actual and planned resource usage Cost Control
Mayor and Councillors Project Reference Group	Project Direction	Consultation and endorsement of key deliverables Project performance status Impacts of issues Risks and issues

RISK

Current significant risk categories and the mitigation proposal are presented in the following Risk table.

Risk Category	Proposed Mitigation
Scope Creep impacting the Project budget	Project Manager is the only person authorised to instruct contractors and Consultant on contractual matters. Specification and scope of works well documented. As design progresses, refinements may be necessary to manage costs. Contingency included in the budget to accommodate minor deviations in construction costs.
Project Approvals not received within required timeline	Project controls and program in place to manage timelines and deadlines associated with approvals. Design consultant engaged where required to complete documentation and early planning

Issue

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Risk Category	Proposed Mitigation
<i>Project Safety uncontrolled</i>	<i>Safety in Design process employed. Site safety plans and method of work statements. Compliance inspection regime engaged.</i>
<i>Project Deadlines not being met, impacting the project timeline.</i>	<i>Project controls and program in place to manage expectations and delays.</i>
<i>Interruption to Traffic operations</i>	<i>Project Team to work with Glenroy Community to identify appropriate timeframes for activities and works on site.</i>
<i>Latent Conditions</i>	<i>Due diligence reports completed prior to contract engagement</i>
<i>Land Matters</i>	<i>Resumptions required from State Lease. This can have longer lead times especially given the Native Title Claim on this state leased land. Early discussions have occurred with property team and landowners and Darumbal to reduce the risk. Early lodgement of land requirements will be undertaken once bridge design is at preliminary stage.</i>
<i>Procurement Risk</i>	<i>Securing a contractor in the current environment is a potential risk, tender process will be required. Long lead times on bridge materials anticipated</i>
<i>Weather</i>	<i>Works are outside and may be affected by inclement weather conditions. Fitzroy River Flooding is a significant risk factor to the works so program will have to be scheduled for the dry season construction.</i>
<i>Existing Services</i>	<i>Due diligence investigation confirmation service</i>
<i>Traffic Interface</i>	<i>Establishment and implementation of a Traffic Guidance Scheme, during construction with a view to minimise interruptions to the road network.</i>

RECOMMENDATIONS AND CONSIDERATIONS

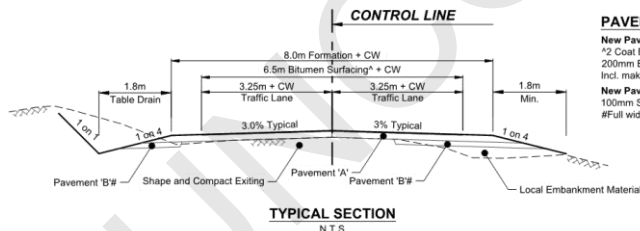
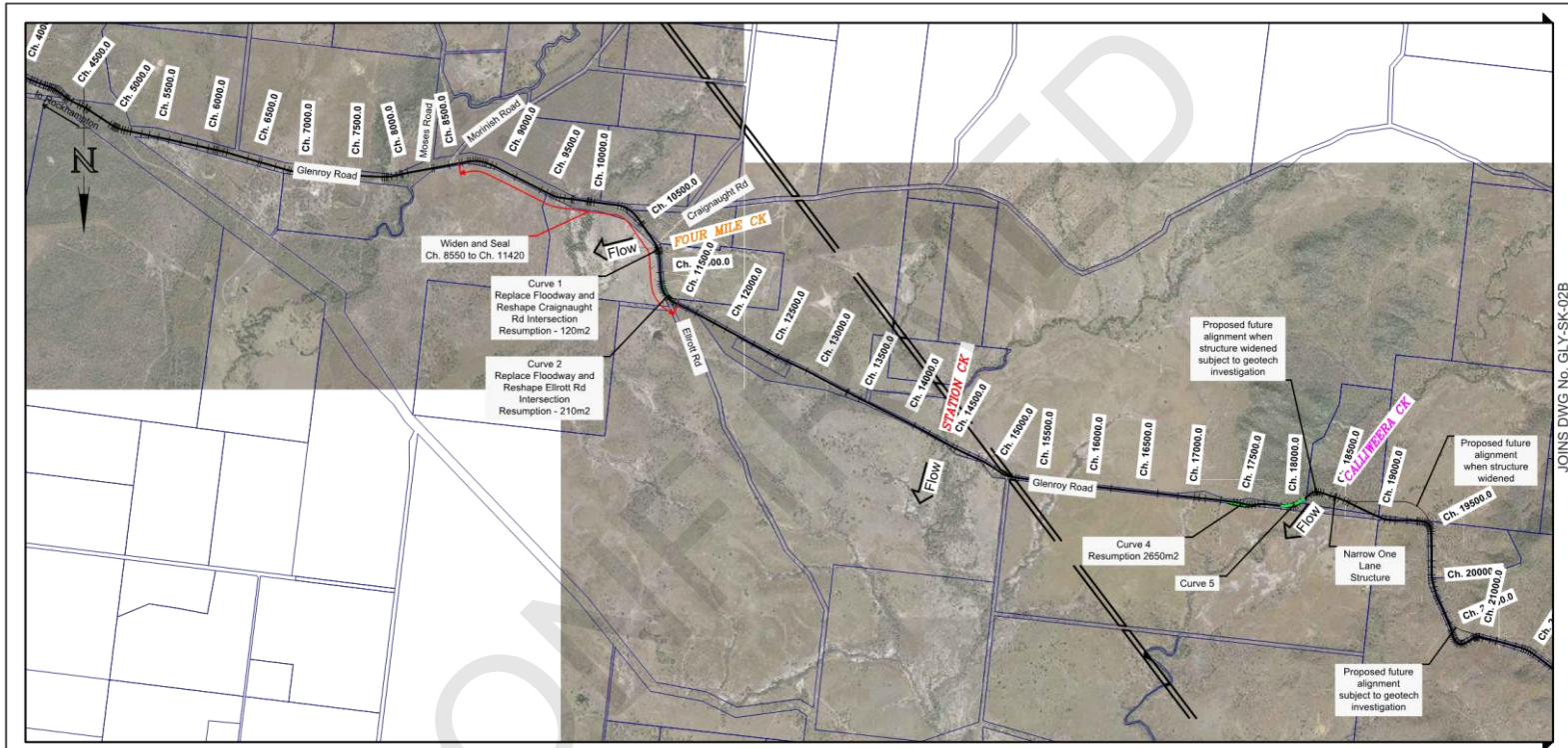
Council is awaiting the Project Proposal Report to be approved by the Federal Government to release funds to start the design process. Currently some early works design and investigations have been completed however until detailed geotechnical works and detailed designs are undertaken there wont be a high level of confidence in the project costs for the bridge structure component. If the bridge costs significantly exceed budget then a value engineering process will be undertaken to manage the scope of the design back to within the budget limits. Discussions have already occurred with the funding body for additional funds to cover cost escalations and these have been positive conversations. Reporting and updating on this will occur throughout the project program and via the PRG.

PROJECT MANAGEMENT PLAN - GLENROY ROAD CORRIDOR UPGRADE PROJECT

Glenroy Road Upgrade Location Map

Meeting Date: 16 October 2024

Attachment No: 2



PAVEMENT:
New Pavement (Type A)
 *2 Coat Bitumen Seal (16mm/10mm)
 200mm Base Course T2.3
 Incl. make up gravel to shape
New Pavement (Type B)
 100mm Sub Base Course T2.3
 #Full width when off existing alignment

- NOTES:**
- Design Standard: Minor Rural Collector
 - Desirable Speed: Environment: 100km/h
 - Design Speed for Individual Elements: 80km/h (minimum)
 - AADT 101 vpd, Commercial Vehicles 28%
 - Concept proposed curves based on estimated radius from DRCL. Final proposed curves to be confirmed based on survey.
 - Extend Seal and Design TCS a minimum 30m beyond straight/tangent point
 - Match to existing gravel road level and width over 15m beyond end of new seal
 - Ensure table drains have minimum 0.5% grade longitudinally, unless otherwise specified
 - Provide guide posts in accordance with MUTCD Part 2 Clause 4.2.4
 - Straights nominal 300m spacing (both sides) (AADT<1500 vpd)
 - Culvert locations (both sides)
 - Horizontal curve tangent points (both sides)
 - Curves:
 - R100-R199 = 10m outside curve, 20m inside curve
 - R200-R299 = 15m outside curve, 30m inside curve
 - R300-R399 = 20m outside curve, 40m inside curve
 - R400-R599 = 30m outside curve, 60m inside curve
 - R600-R799 = 40m outside curve, 60m inside curve

WATERWAY BARRIER WORKS - COMPLIANCE NOTES:
 1. Sites are defined as waterways on the Queensland Government Development Assessment Mapping System layer Queensland Waterways for Waterway Barrier Works.

MAJOR - CALLIWEERA CR
HIGH - SIX MILE/TEN MILE/STATION CR
MODERATE - FOUR MILE CR
LOW - NOT SHOWN

CONCEPT
20/02/2024

Surveyed: _____	Date: _____
Ref Mark: _____	RL: _____
Datum: Horiz. GDA 2020	Vert: _____
Zone: _____	Survey Book: _____
XREF: _____	
Aux Plans: _____	

AMENDMENTS DESCRIPTION	DRAWN	APPRD	DATE
B Changes to layout	SVF		FEB 24
A Original Issue	SJS		FEB 22

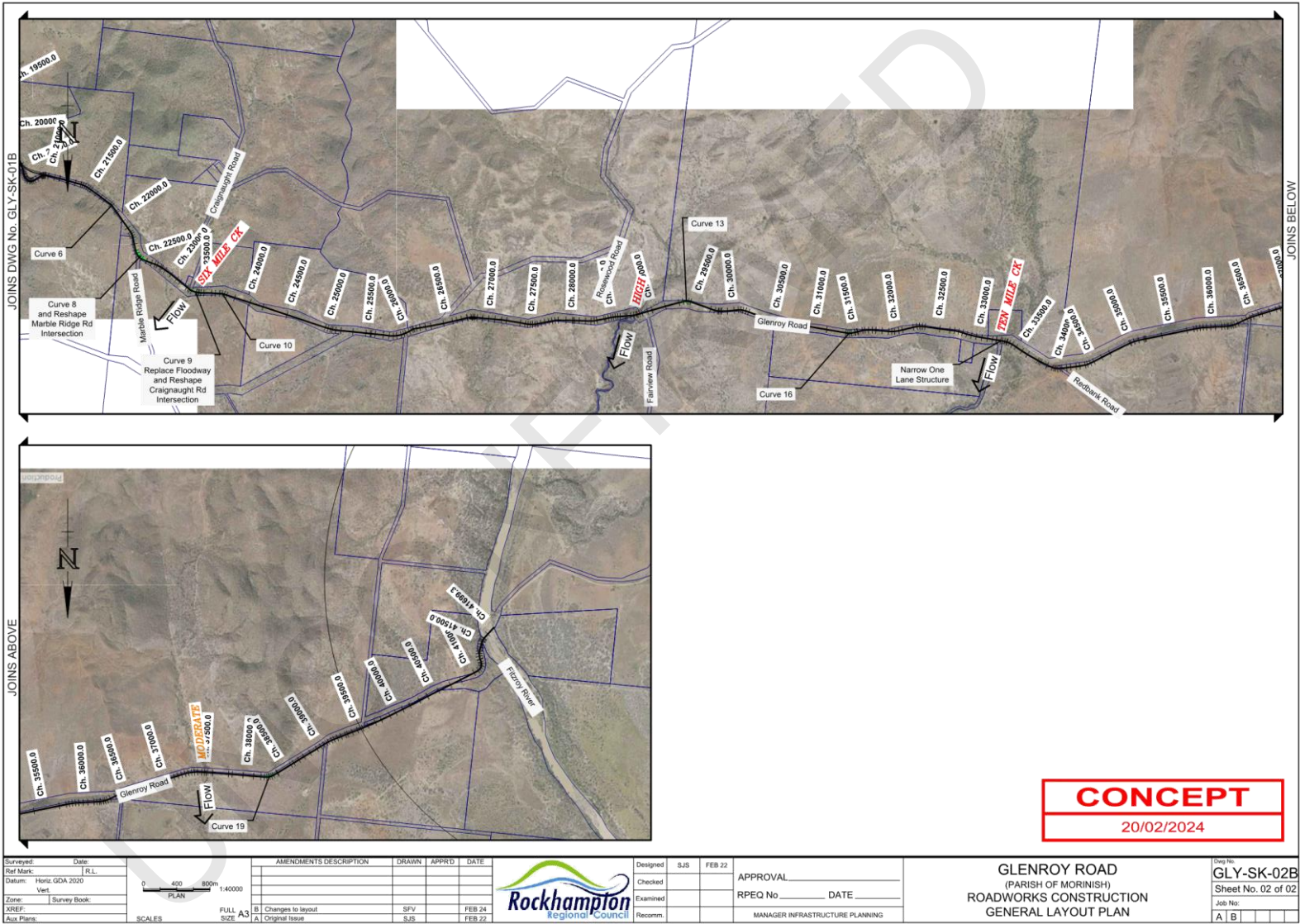


Designed	SJS	FEB 22
Checked		
Examined		
Recomm.		

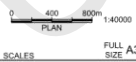
APPROVAL _____
 RPEQ No _____ DATE _____
 MANAGER INFRASTRUCTURE PLANNING

GLENROY ROAD
 (PARISH OF MORINISH)
ROADWORKS CONSTRUCTION
GENERAL LAYOUT PLAN

Drawn No:	GLY-SK-01B
Sheet No. 01 of 02	
Job No:	
A B	



Surveyed:	Date:
Ref Mark:	R.L.
Datum:	Horiz: GDA 2020
Zone:	Survey Book:
XREF:	
Aux Plans:	



AMENDMENTS DESCRIPTION	DRAWN	APPRD	DATE
B Changes to layout	SJV		FEB 24
A Original Issue	SJS		FEB 22



Designed	SJS	FEB 22
Checked		
Examined		
Recomm.		

APPROVAL	DATE
RPEQ No	
MANAGER INFRASTRUCTURE PLANNING	

CONCEPT
20/02/2024

GLENROY ROAD
(PARISH OF MORINISH)
ROADWORKS CONSTRUCTION
GENERAL LAYOUT PLAN

Drawn:	GLY-SK-02B
Sheet No.	02 of 02
Job No:	
A	B

O:\Regional\Eng\Strategic\Traffic & Transport\4. Projects\2022_GRB\Glenroy Road and Bridge Upgrade\Design-Modelling\ACAD Dwg\Glenroy Rd RCSI road curve upgrade_recover_SV Updated Estimate.dwg, 20/02/2024 3:44:11 PM, vldiers

6.2 PARKHURST INDUSTRIAL AREA – ROAD UPGRADES

File No: 7028

Attachments: 1. **Project Status Report - Parkhurst Industrial Area - Road Upgrades**[↓](#)

Authorising Officer: **Martin Crow - Acting General Manager Regional Services**

Author: **John Gwydir - Manager Civil Operations**

SUMMARY

Manager Civil Operations presenting the Project Plan for the Parkhurst Industrial Area Roads Upgrade project.

PRG RECOMMENDATION

THAT the Parkhurst Industrial Area Roads Upgrade project status report be received and any feedback be noted for consideration.

COMMENTARY

The project is being delivered by Civil Operations and comes under the Infrastructure Portfolio.

The intent of this Project Plan for the Parkhurst Industrial Area Roads Upgrade project is to provide an overview of the project scope/ activities, objectives, deliverables, timeline, budget, risks, and stakeholders.

The project plan has been completed.

CONCLUSION

Monthly reports are provided for the current active projects for information prior to the formal submission to the Infrastructure Committee.

PARKHURST INDUSTRIAL AREA – ROAD UPGRADES

Project Status Report – Parkhurst Industrial Area – Road Upgrades

Meeting Date: 16 October 2024

Attachment No: 1

Parkhurst Industrial Area Roads Upgrade Project

Monthly Status Report

Sep-2024

Project Management

Council Custodian:	Civil Operations	Project Manager:	Jason Pierce	Project Phase:	Construction
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Project Scope

Activity	Scope	Traffic Light	Scope Change
Construction	Stage 2 : Wade St (Alexandra St - McLaughlin St)	G	No scope change

Project Funding and Finance

Funding Source	Funding Amount	Project Life (10 Years) as at 01/10/2024				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
Council Allocation:	\$2,082,400	\$3,950,000	\$454,000	-	\$5,596,000	G	No financial change
External Funding:	\$7,917,600						
Total Project Budget:	\$10,000,000						
		2024/25FY				Traffic Light	Monthly Update
Budget	Actuals	Committals	Forecast	Remaining Budget			
	\$7,209,000	\$1,059,000	\$454,000	-	\$5,696,000	G	No financial change

Project Schedule

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
Parkhurst Industrial Area Roads Upgrade Project	24-Nov-23	30-Jun-25	24-Nov-23	30-Jun-25	45%	45%	G	No schedule change
Stage 1: Rehabilitation of McLaughlin Street between Bush Crescent and Johnson Road	24-Nov-23	08-Jul-24	24-Nov-23	23-Aug-24	100%	100%	G	
Stage 2: Rehabilitation of Wade Street between McLaughlin St and Alexandra St	02-Sep-24	01-May-25	02-Sep-24	01-May-25	10%	10%	G	
Stage 3: Upgrading of Alexandra Street and Johnson Road	01-Apr-25	30-Jun-25	01-Apr-25	30-Jun-25	0%	0%	G	

Project Milestones	Date
Completion of Stage One (Reopening of McLaughlin Street)	23-Aug-24
Completion of Stage Two (Reopening of Wade Street)	01-May-25
Completion of Stage Three	30-Jun-25

Commentary
The HV relocation work at the intersection of Wade and McLaughlin Streets was completed by Ergon on 29 September 2024.
Stage Two stormwater and kerb replacement works are underway in Wade Street.
Stage Three design is complete with construction scheduled to commence in April 2025.

6.3 NORTH ROCKHAMPTON SEWAGE TREATMENT PLANT

File No: 7028
Attachments: 1. [Monthly Status Report](#)↓
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the North Rockhampton Sewage Treatment Plant project, which is one of the current major projects and endorsed significant projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the North Rockhampton Sewage Treatment Plant project monthly status report be presented to Infrastructure Committee.

COMMENTARY

The project is being delivered by Project Delivery section and comes under the Water Portfolio.

The attachment provides a status of the project. It is worth noting that this project currently has all green traffic lights.

CONCLUSION

Monthly reports are provided for the current active projects for information prior to the formal submission to the Infrastructure Committee.

NORTH ROCKHAMPTON SEWAGE TREATMENT PLANT

Monthly Status Report

Meeting Date: 16 October 2024

Attachment No: 1

PD-PRO-2020-009 North Rockhampton Sewage Treatment Plant Upgrade

Monthly Status Report

Oct-2024

Project Management					
Council Custodian:	Fitzroy River Water	Project Manager:	Andrew Collins	Project Phase:	Construction

Project Scope			
Activity	Scope	Traffic Light	Scope Change
Construction	The scope of works includes a range of electrical, mechanical, civil, building, and structural works to upgrade and augment the North Rockhampton Sewage Treatment Plant to support a 75,000 Equivalent Persons (EP) capacity. This project basically creates a new process train (Part 2A) and upgrades the two existing process trains on site (Part 2B).	G	No scope change

Project Funding and Finance							
Funding Source	Funding Amount	Project Life as at 08/10/2024				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
Council Allocation:	\$76,540,000	\$47,021,743	\$18,905,520	\$0	\$19,072,736	G	No financial change
State Govt Funding (W4Q/BOR):	\$8,460,000						
Total Project Budget:	\$85,000,000						
2024/25FY							
Budget	Actuals	Committals	Forecast	Remaining Budget	Traffic Light	Monthly Update	
\$12,226,903	\$2,248,647	\$18,905,520	\$0	-\$8,927,265	G	No financial change	

Project Schedule								
Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
North Rockhampton STP	19-Apr-21	31-Dec-26	19-Apr-21	31-Dec-26	54%	56%	G	No schedule change
Part A&B - Construction of New Process & Upgrade of 2 Existing Process	11-Mar-22	19-Dec-25	11-Mar-22	19-Dec-25	68%	70%	G	No schedule change
Part C- Future Proofing Element Design, Documentation & Procurement	01-Apr-23	30-Jun-25	01-Apr-23	30-Jun-25	67%	72%	G	No schedule change

Project Milestones	Date
Completion of all Works Associated with the NRSTP Upgrade Part A	01-Jun-24
Completion of Process Proving New Plant	18-Oct-24
Commence Work Part B (Existing Plant)	02-Jun-24
Completion of Upgrade Ditch No. 1 (Existing Plant)	01-Jul-25
Completion of Upgrade Ditch No. 2 (Existing Plant)	19-Dec-25

Commentary

The new process train at NRSTP has been put into full operations and the 31 Day proving period ending on the 3 October. No major concerns. The second rising main and mixed liquor line have been cut in. Ditch 2 on the old plant has been emptied and the contractor has commenced the process of removing the sludge build up, prior to cleaning and structural assessment of the condition of the ditch. Drawings have been received for the reconstruction of the new internal curved masonry walls (now concrete). Training of FRW staff will continue.

New Part B blower room, all piles completed and all columns FRP. Demolition of existing inlet works has been completed. Road network construction has commenced with concrete crane lay down areas to existing train completed.

Work on the New Chemical dosing plant continues with all the tanks now placed on the deck. Work on the new centrifuge building well underway, with work completed on the concrete plinths for the centrifuges.

Preliminary Detailed Drawings for Part C - UV Treatment have now been received.

Risk Categories	Risks (Cause, Risk, Impact)	Risk Responses
Environmental		

Key Tasks & Deliverables This Month		
Tie in completed, New plant in full operations under a 31 day proving period.		
Three Month Horizon		
Nov-2024	Dec-2024	Jan-2025
Proving Period.	Part A completion.	Part B works underway.

6.4 MOUNT MORGAN WATER PIPELINE PROJECT

File No: 7028
Attachments: 1. **Monthly Status Report**[↓](#)
Authorising Officer: **Martin Crow - Acting General Manager Regional Services**
Author: **Andrew Collins - Manager Project Delivery**

SUMMARY

This report provides the status of the Mount Morgan Water Pipeline project, which is one of the current major projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the Mount Morgan Water Pipeline project monthly status report be presented to Infrastructure Committee.

COMMENTARY

The project is being delivered by Project Delivery section and comes under the Water Portfolio.

The attachment provides a status of the project. It is worth noting that this project currently has all green traffic lights.

CONCLUSION

Monthly reports are provided for the current active projects for information prior to the formal submission to the Infrastructure Committee.

MOUNT MORGAN WATER PIPELINE PROJECT

Monthly Status Report

Meeting Date: 16 October 2024

Attachment No: 1

UNCONFIRMED

PD-PRO-2021-008 Mount Morgan Water Pipeline Project

Monthly Status Report

Oct-2024

Project Management

Council Custodian:	Fitzroy River Water	Project Manager:	Edward Brooks	Project Phase:	Design & Construction
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Project Scope

Activity	Scope	Traffic Light	Scope Change
Design & Construction	The main scope of works for the project includes the construction of a potable water pipeline from Gracemere to Mt Morgan (about 28 km). The project also includes the construction of two reservoirs and pump station at Lucas Street Gracemere, Pump station at Old Cap Hwy and New pump station and reservoir at Moonmera and re-dosing equipment at termination.	G	No scope change

Project Funding and Finance

Funding Source	Funding Amount	Project Life as at 08/10/2024				Traffic Light	Monthly Update	
		Actuals	Committals	Forecast	Remaining Budget			
Council Allocation:	\$17,850,000	\$36,256,946	\$45,051,161	\$0	\$6,891,893	G	No financial change	
State Govt Funding:	\$40,350,000							
Federal Govt Funding:	\$30,000,000							
Total Project Budget:	\$88,200,000	*\$454,967 for the Mount Morgan Water Treatment Plant project has been included in the total Project Life budget.						
2024/25FY								
Budget	Actuals	Committals	Forecast	Remaining Budget	Traffic Light	Monthly Update		
\$41,367,753	\$4,624,698	\$45,051,161	\$0	-\$8,308,106	G	No financial change		

Project Schedule

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
Mt Morgan Water Security	25-Oct-21	19-Dec-25	25-Oct-21	19-Dec-25	49%	55%	G	No schedule change
Construction	01-Oct-23	19-Dec-25	01-Oct-23	19-Dec-25	45%	51%	G	No schedule change

Project Milestones	Date
Commencement of Work on Site	12-Dec-23
Construction completion	19-Dec-25

Commentary

The laying of pipe is progressing well, with three fronts now open, 1. Lucas Street to Four Mile Road and 2. Four Mile Road towards Razorback Road and 3. Creek Street to South Reservoir. Approximately 22kms have been laid to date.

Razorback Road Widening works - Works started 16 September 2024, Minor delay with bush fires requiring road to be reopened. Excavation works to improve road alignment at top made good progress. Minimal significant rock found at this stage.

Moonmera Pump Station site having pipes from main pipeline on the road into the pump station installed. Underground pipework at pump station also planned to be installed in October.

Old Cap Pump Station initial cut on site completed. Water mains capped at sample and valve locations under proposed new location of building.

Lucas Street Reservoir base slabs poured for Reservoirs 2 and 3. First of five lifts for Reservoirs 2 and 3 also poured.

Risk Categories	Risks (Cause, Risk, Impact)	Risk Responses
Environmental	Due to bad weather, construction may be delayed	Consider contingency of time for project
Environmental	Protected Plants (Cycads) on Razorback Road reserve land permit to translocate	Permit to DES Submitted for approval, Relocation discussed with Contractor, pending approval, able to start within a week.

Key Tasks & Deliverables This Month

Pipe Laying activities continued approximately 22km laid. Lucas Street Reservoirs base slabs and first lift of walls poured. Moonmera water pipeline into pump station site completed.

Three Month Horizon		
Nov-2024	Dec-2024	Jan-2025
Pipe laying to continue, hydrostatic testing of pipeline to start. Lucas Street Reservoir wall lifts to continue with approximately 1 wall lift pour each week. Razorback Road works continue and pipes installed through this road section. Moonmera under ground pipes installed. Old Cap Eng filled placed and Ergon pole removal.	Pipe Laying & hydrostatic testing of pipeline and Razorback Road works continue. Lucas Street Reservoir hydrostatic testing to be completed once concrete cured Moonmera pump stations site continues Old Cap pump station works continue.	Razorback Road improvements should be nearing completion and pipe laying continues. Lucas Street Reservoir Pump station building works progress, Moonmera and Old Cap pump stations works continue.

6.5 SOUTH ROCKHAMPTON SEWERAGE TREATMENT PLANT – NEW PLANT

File No: 7028
Attachments: 1. [Monthly Status Report](#)↓
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the South Rockhampton Sewerage Treatment Plant - New Plant project, which is one of the current major projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the South Rockhampton Sewerage Treatment Plant – New Plant project monthly status report be presented to Infrastructure Committee.

COMMENTARY

The project is being delivered by Project Delivery section and comes under the Water Portfolio.

The attachment provides a status of the project. It is worth noting that this project currently has all green traffic lights.

CONCLUSION

Monthly reports are provided for the current active projects for information prior to the formal submission to the Infrastructure Committee.

SOUTH ROCKHAMPTON SEWERAGE TREATMENT PLANT – NEW PLANT

Monthly Status Report

Meeting Date: 16 October 2024

Attachment No: 1

PD-PRO-2023 South Rockhampton New STP

Monthly Status Report

Oct-2024

Project Management

Council Custodian:	Fitzroy River Water	Project Manager:	Andrew Collins	Project Phase:	Concept Design
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Project Scope

Activity	Scope	Traffic Light	Scope Change
Concept Design	Initial site option analysis and confirmation of Process Technology.	G	No scope change

Project Funding and Finance

Funding Source	Funding Amount	Project Life (10 Years) as at 08/10/2024				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
Council Allocation:	\$105,024,209	\$4,829	\$0	\$0	\$105,019,380	G	No financial change
External Funding:	\$0						
Total Project Budget:	\$105,024,209						
		2024/25FY				Traffic Light	Monthly Update
Budget	Actuals	Committals	Forecast	Remaining Budget			
	\$950,000	\$4,829	\$0	\$0	\$945,171	G	No financial change

Project Schedule

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
South Rockhampton New STP (Options + Concept)	01-Jul-24	20-Dec-25	01-Jul-24	20-Dec-25	2%	1%	G	No schedule change

Commentary

A comprehensive project plan is currently being drafted to ensure all aspects on the new SRSTP are outlined and organised for successful project execution.

Key Tasks & Deliverables This Month

Commence development of brief for site option analysis.

Three Month Horizon		
Nov-2024	Dec-2024	Jan-2025
Project Plan / Design Brief (Site Option).	Design Brief.	Design Brief.

6.6 SOUTH ROCKHAMPTON SEWERAGE TREATMENT PLANT – UPGRADE

File No: 7028
Attachments: 1. [Monthly Status Report](#)↓
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the South Rockhampton Sewerage Treatment Plant Upgrade project, which is one of the current major projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the South Rockhampton Sewerage Treatment Plant Upgrade project monthly status report be presented to Infrastructure Committee.

COMMENTARY

The project is being delivered by Project Delivery section and comes under the Water Portfolio.

The attachment provides a status of the project. It is worth noting that this project currently has all green traffic lights.

CONCLUSION

Monthly reports are provided for the current active projects for information prior to the formal submission to the Infrastructure Committee.

SOUTH ROCKHAMPTON SEWERAGE TREATMENT PLANT – UPGRADE

Monthly Status Report

Meeting Date: 16 October 2024

Attachment No: 1

PD-PRO-2020-010 South Rockhampton STP Interim Works

Monthly Status Report

Oct-2024

Project Management					
Council Custodian:	Fitzroy River Water	Project Manager:	Daniel Farlow	Project Phase:	Design & Construction

Project Scope			
Activity	Scope	Traffic Light	Scope Change
Design & Construction	The scope of works covers the implementation of short-term measure to stabilise South Rockhampton Sewerage treatment plant.	G	No scope change

Project Funding and Finance							
Funding Source	Funding Amount	Project Life (10 Years) as at 08/10/2024				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
Council Allocation:	\$40,978,973	\$2,513,688	\$992,161	\$0	\$37,473,124	G	No financial change
External Funding:	\$0						
Total Project Budget:	\$40,978,973						
2024/25FY							
	Budget	Actuals	Committals	Forecast	Remaining Budget	Traffic Light	Monthly Update
	\$18,600,571	\$135,286	\$992,161	\$0	\$17,473,124	G	No financial change

Project Schedule								
Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
South Rockhampton STP Interim Works	01-Aug-22	22-Dec-25	01-Aug-22	22-Dec-25	5%	5%	G	No schedule change
Tendering Process for Interim Phase 2	13-Sep-24	22-Dec-24	13-Sep-24	22-Dec-24	17%	17%	G	No schedule change
Phase2 of Interim works	12-Jan-25	22-Dec-25	12-Jan-25	22-Dec-25	0%	0%		

Project Milestones	Date
Completion of tendering Process for the Interim construction Phase 2	22-Dec-24

Commentary
Design Contractor is updating the design submission to account for feedback provided following officer's review.
Resubmission is expected Mid October, the tender will then be finalised and advertised.
The first priority package for the successful contractor will be the power upgrade and New Main Switch Board which will provide enough power for the other upgrade works.

Key Tasks & Deliverables This Month		
Finalisation of design documentation and release Tender.		
Three Month Horizon		
Nov-2024	Dec-2024	Jan-2025
Tender period.	Tender period.	Tender Evaluation.

6.7 GLENMORE WATER TREATMENT PLANT – ROOF REPLACEMENT

File No: 7028
Attachments: 1. **Monthly Status Report**[↓](#)
Authorising Officer: **Martin Crow - Acting General Manager Regional Services**
Author: **Andrew Collins - Manager Project Delivery**

SUMMARY

This report provides the status of the Glenmore Water Treatment Plant Roof Replacement, which is one of the current major projects for the current financial year determined at the 17 July meeting.

PRG RECOMMENDATION

THAT the Glenmore Water Treatment Plant Roof Replacement project monthly status report be presented to Infrastructure Committee.

COMMENTARY

The project is being delivered by Project Delivery section and comes under the Water Portfolio.

The attachment provides a status of the project. It is worth noting that this project currently has all green traffic lights.

CONCLUSION

Monthly reports are provided for the current active projects for information prior to the formal submission to the Infrastructure Committee.

GLENMORE WATER TREATMENT PLANT – ROOF REPLACEMENT

Monthly Status Report

Meeting Date: 16 October 2024

Attachment No: 1

PD-PRO-2023-007 GWTP Roof replacement

Monthly Status Report

Oct-2024

Project Management

Council Custodian:	Fitzroy River Water	Project Manager:	Darren Toohey	Project Phase:	Design & Construction
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Project Scope

Activity	Scope	Traffic Light	Scope Change
Construction	Stage 2: Filter Gallery Roof replacement	G	No scope change

Project Funding and Finance

Funding Source	Funding Amount	Project Life as at 08/10/2024				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
Council Allocation:	\$2,000,000	\$241,930	\$11,832	\$0	\$1,746,238	G	No financial change
External Funding:	\$0						
Total Project Budget:	\$2,000,000						
2024/25FY							
	Budget	Actuals	Committals	Forecast	Remaining Budget	Traffic Light	Monthly Update
	\$1,758,070	\$0	\$11,832	\$0	\$1,746,238	G	No financial change

Project Schedule

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
GWTP Roof replacement	01-Aug-23	30-Jun-25	01-Aug-23	30-Jun-25	10.0%	10.0%	G	No schedule change
Tender Process of Stage 2 (Filter Gallery Shed)	01-Dec-24	30-Jan-25	01-Dec-24	30-Jan-25	0%	0%		
Construction of Stage 2 (Filter Gallery Shed)	01-Mar-25	30-Jun-25	01-Mar-25	30-Jun-25	0%	0%		

Project Milestones

	Date
Completion of Tender Process Stage 2	03-Mar-25
Construction of Stage 2 completion	30-Jun-25

Commentary

Stage 2 works (Filter Gallery Roof) scheduled to start March 2025 and be completed by 30 June 2025.

Three Month Horizon

Oct-2024	Nov-2024	Dec-2024
Review roof design and engineering for Stage 2 Filter Gallery roof.	Scoping document for Stage 2 Filter Gallery.	Advertise for Tender Stage 2 - Filter Gallery roof replacement.

6.8 GLENMORE WATER TREATMENT PLANT SOLAR FARM

File No: 7028
Attachments: 1. **Monthly Status Report**[↓](#)
Authorising Officer: **Martin Crow - Acting General Manager Regional Services**
Author: **Andrew Collins - Manager Project Delivery**

SUMMARY

This report provides the status of the Glenmore Water Treatment Plant Solar Farm project, which is one of the current major projects and endorsed significant projects for the current financial year determined at the 17 July meeting. The status of these projects has been provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the Glenmore Water Treatment Plant Solar Farm project be presented to Infrastructure Committee.

COMMENTARY

The project is being delivered by Fitzroy River Water and comes under the Water Portfolio. The attachment provides a status of the project.

CONCLUSION

Monthly reports are provided for the current active projects for information prior to the formal submission to the Infrastructure Committee.

GLENMORE WATER TREATMENT PLANT SOLAR FARM

Monthly Status Report

Meeting Date: 16 October 2024

Attachment No: 1

PD-PRO-2021-009 GWTP Solar Farm

Monthly Status Report

Oct-2024

Project Management

Council Custodian:	Fitzroy River Water	Project Manager:	Nathan Everton	Project Phase:	Construction
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Project Scope

Activity	Scope	Traffic Light	Scope Change
The project has been split into a Civil Works Package to prepare the site and the solar installation scope.			
Design & Construction	Finalise the Design and construct a small-scale solar power generation facility (solar facilities) at the Glenmore Water Treatment Plant.	G	No scope change

Project Funding and Finance

Funding Source	Funding Amount	Project Life as at 08/10/2024				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
Council Allocation:	\$6,313,458	\$5,690,703	\$233,193	\$0	\$389,562	A	Minor financial change
External Funding:	\$0						
Total Project Budget:	\$6,313,458						
		2024/25FY				Traffic Light	Monthly Update
	Budget	Actuals	Committals	Forecast	Remaining Budget		
	\$767,647	\$144,892	\$233,193		\$389,562	A	Minor financial change

Project Schedule

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
GWTP Solar - Sustainable Rockhampton	01-Dec-21	01-Dec-23	01-Dec-21	31-Oct-24	97%	95%	R	Major schedule change
Finalize design and construction of Solar generation Plant	01-Sep-22	01-Dec-23	01-Sep-22	31-Oct-24	96%	94%	R	Major schedule change

Project Milestones

	Date
Onsite works has commenced	01-Apr-23
Project Completion	31-Oct-24

Commentary

Ergon requires the installation of an automatic interlock system to prevent feedback into the grid. The activation for this automatic interlock comes via the meters (CT). Installing new meters seems to necessitate a new switchboard. We are investigating the possibility of accessing and using the existing CT meters in the board; however, these meters are not owned by Council.
 Alternative solution has been developed for the Metering issue, and has been lodged with Ergon, awaiting Approval.

Risk	Risks (Cause, Risk, Impact)	Risk Responses
Technical	Because of Technical HV interlocking requirements, commissioning may be delayed	Discussion for FRW to complete Mechanical interlocking
Planning	Due to Ergon acceptance of solution to the metering technical requirements, may result in delay of completing the project	

6.9 AIRPORT SOLAR

File No: 7028
Attachments: 1. [Monthly Status Report](#)↓
Authorising Officer: Martin Crow - Acting General Manager Regional Services
Author: Andrew Collins - Manager Project Delivery

SUMMARY

This report provides the status of the Airport Solar project, which is one of the current major projects for the current financial year. The status is provided for the major projects currently underway.

PRG RECOMMENDATION

THAT the Airport Solar project status report be presented to Infrastructure Committee.

COMMENTARY

The project is being delivered by Project Delivery section and comes under the Airport Portfolio.

The attachment provides a status of the project. It is worth noting that this project currently has all green traffic lights.

CONCLUSION

Monthly reports are provided for the current active projects for information prior to the formal submission to the Infrastructure Committee.

AIRPORT SOLAR

Monthly Status Report

Meeting Date: 16 October 2024

Attachment No: 1

UNCONFIRMED

PD-PRO-2024 Airport Solar Assessment

Monthly Status Report

Oct-2024

Project Management

Council Custodian:	Airport	Project Manager:	Nathan Everton	Project Phase:	Design & Construction
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Project Scope

Activity	Scope	Traffic Light	Scope Change
Design & Construction	Installation of 976kW solar generation system on the Airport terminal building roof and enabling infrastructure for other Airport tenancy solar including Ergon approvals.	G	No scope change

Project Funding and Finance

Funding Source	Funding Amount	Project Life as at 08/10/2024				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
Council Allocation:	\$1,391,322	\$350,801	\$168,009	\$0	\$1,792,512	G	No financial change
External Funding:	\$920,000						
Total Project Budget:	\$2,311,322						

2024/25FY					Traffic Light	Monthly Update
Budget	Actuals	Committals	Forecast	Remaining Budget		
\$544,307	\$83,786	\$168,009	\$0	\$292,512	G	No financial change

Project Schedule

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
Airport Solar Assessment	13-Apr-23	01-Oct-25	13-Apr-23	01-Oct-25	12%	12%	G	No schedule change
Airport Solar Planning and Assessment	13-Apr-23	20-Nov-24	13-Apr-23	20-Nov-24	91%	90%	G	No schedule change
Airport Solar Contractor Procurement	20-Nov-24	03-Feb-25	20-Nov-24	03-Feb-25	0%	0%	G	No schedule change
Airport Solar Construction	03-Feb-25	01-Oct-25	03-Feb-25	01-Oct-25	0%	0%	G	No schedule change

Commentary

Site Investigation and information collection completed. 30% design report has been received from the designer.
 Designer has commenced 60% design. Protection relay required for protection of Ergon grid has been added to the scope for the HV contractor undertaking electrical works at the Airport. This allows the component to be installed at the manufacturers factory and mitigates possible delay.
 Ongoing discussion between designers and Ergon to finalise Ergon Approval required to progress further.

Three Month Horizon		
Nov-2024	Dec-2024	Jan-2025
Ergon Approval. Commence detailed design.	Detailed design ongoing.	Continue detailed design.

7. CLOSURE OF MEETING

UNCONFIRMED