#### 9 INFRASTRUCTURE SERVICES

# 9.1 INFRASTRUCTURE SERVICES, CAPITAL WORKS MONTHLY REPORT - MARCH 2025

Date Prepared: 19 March 2025

Author: Manager Assets and Projects

Attachments: 1. Capital Works Summary - March 2025 &

2. Capital Works Highlights - March 2025 J

#### **EXECUTIVE SUMMARY**

The purpose of this report is to provide an update on capital works projects undertaken by the Infrastructure Services Department during the month of March 2025.

#### RECOMMENDATION

That Council receives the Infrastructure Services Capital Works Monthly Report for the month of March 2025.

#### **BACKGROUND**

Council's Capital Works program is focussed on renewal and upgrade of Council infrastructure to achieve Council's corporate vision of "A growing, confident and sustainable Shire". The program is funded through a combination of Council's own funding and external grants and subsidies.

#### **RISK IMPLICATIONS**

#### **Financial**

The capital works program is tracking within budget.

#### **Infrastructure and Assets**

Infrastructure and Assets Projects included in the current capital works program were identified through Council's Project Prioritisation Tool (PPT) which uses a risk-based, multi-criteria approach to rank projects in order of priority. The PPT is aligned with Council's Long-Term Financial Plan and Asset Management sub-plans, which focus of renewal of existing assets.

#### FINANCIAL AND RESOURCE IMPLICATIONS

#### Capital

All capital works are listed in and funded by the 2024/25 Capital Works Program.

#### LINK TO CORPORATE PLAN

**Transport and Infrastructure:** The provision of quality infrastructure to service our growing community using sound asset management principles.

#### IMPLEMENTATION/COMMUNICATION



Project Code	Project Description	Project Comment	Project Stage
Program: 01	Rural and Urban Roads Reseal Progra	m (Renewal)	
CP0003731	24/25 Bitumen & Asphalt Reseal Program	Reseal prep work 60% complete. estimated start date late April early May weather dependant.	Construction
CP00835	DRFA Gully Betterment	Complete (Final report to be provided).	Completed
Program: 02	! - Gravel Resheet		
	23/24 Gravel Resheet Program	Project completed December 2024. When committments are cleared balance of budget to be rolled over to 24/25 Gravel Resheet Program	Close Out
CP0003732	24/25 Gravel Resheet Program	No resheeting programmed until after 2025 wet season	Construction
Program: 03	- Urban Streets		
CP0001023	Recovery Way (WTS) Rehab Ch 0.176- 0.272	Works will be undertaken after wet season & Herb/Constance intersection project	Construction
CP0002042	MBA James St Mill & Fill	Works were completed December 2024	Close Out
CP0002069	MBA Chewko Rd Rehab/Widen & Seal	All drainage works complete. Southern side base gravel laid and compacted. Northern side base gravel laid and compacted from Hales St to Spanish Club entrance. Project on track for completion mid April.	Construction
CP00795	TIDS 23-27 Herberton/Constance Inter	Conduit installation completed 03/03/24. Boxing out existing pavement on the southern side of Herberton Street & roundabout installation currently underway. This will be followed by pavement works on the north western section of the intersection. The final pavement works on the north eastern side are programmed for the Easter school holidays as the south bound lane of Constance Street will be closed to all traffic. Practical completion of the works are expected to be mid-May.	Construction
CP00797	TIDS 22/23 24/25 Rankin/Walsh St R'bout	Detailed Design & Documentation Engagement 90% completed. Close out of Design consultancy underway, anticipate completion Mid April.	Design
Program: 04	- Rural Roads		
	KDA KIA08 Barron Falls/Masons Rd/Lout	Survey is underway, design to be scheduled	Planning
CP0002041	KDA KIA09 Barron Falls Rd Thongon- Mason	Survey is underway, design to be scheduled.	Planning
CP0002048	KDA Kuranda Heights Rd Intersection	Survey complete, design to be scheduled.	Planning
CP0002050	MBA McIver Rd Rehab & Widen	Designs to be completed prior to end of year 2025 by external consultant.;;Survey and soil investigations complete.	Planning
CP0002060	KDA Oak Forest Rd Rehab & Widen	Survey complete, design to be scheduled.	Planning
CP0002066	DIM Leafgold Weir Rd Widen Curves	Design to be finalised May 2025	Design
CP0003753	MBA Byrnes St Safety Upgrades	Works complete various locations; project being closed out.	Completed
CP00801	TIDS Ootann Rd Section 1&2 Widen & Seal	Gravel Supply & Deliver & Bitumen Seal tenders awarded. Works to recommence in April weather permitting. Letter to federal government sent requesting additional funding to gravel & seal section 2	Construction

7/04/2025 1 of 6



Code	Project Description	Project Comment	Project Stage
rogram: 05	i - Bridges		
CP0001558	MBA Tinaroo Creek Rd Ada Creek Causeway	Design to be completed June 2025 by external consultant.;;Survey and soil investigations complete.	Planning
CP0001564	· · · · · · · · · · · · · · · · · · ·	The contractor is monitoring Barron River water levels and is proposing to commence works as soon as practicable after the wet season.	Construction
CP00841	Bolton Rd Inspect/Design/Repl Girders	Joint inspection of the site by RoadTek & MSC to be undertaken when RoadTek hastime in their currrent bridge repair program & emergent works. Likely April 2025	Procurement
Program: 06	6 - Drainage		
CP0001598	24/25 Renew Minor Culverts & Drainage	Temporary RCP repair works completed at Park Avenue. Full repairs will be undertaken after 2025 wet season.	Construction
CP0003689	MBA CBD Drainage Upgrade Stage 1	Project planning will be undertaken in conjunction with the Mareeba CBD Blueprint Project	On Hold
CP0003690	MBA Ray Rd Culvert Upgrade	On hold pending outcome of Ray Road Drainage Study.	Planning
	Irvinebank Jessie St/Rubina Tce Upgrade	Investigations will be scheduled in 2025.	Not Commenced
CP0003830	Hastie Road - Stormwater	Project completed December 2024	Close Out
CP00844	MBA Amaroo Drainage Upgrades	Quotes will be called to undertake this work post wet season.	Construction
CP00938	Tilse Street Upgrade Drainage	Built infrastructure on-maintenance, financial completion to be completed April 2025.	Completed
	7 - Traffic Facilities		
Program: 08 CP00846		Decign being adjusted following stakeholder foodback	Dosign
LP00846	MBA Heritage Centre Carpark Connection	Design being adjusted following stakeholder feedback.  Construction to commence late April 2025	Design
Program: 09	) - Footpaths		
	23/24 Footpath Renewal Program	Atherton Street and Lloyd Street footpath sections complete. Further sites for renewal are currently under assessment.	Construction
CP0001026			Construction
CP0001026	23/24 Footpath Renewal Program	Further sites for renewal are currently under assessment.  Funds apportioned to support a grant application for Kuranda Arara Street Footpath connection to the Library and Community precinct.  Arara Street Footpath PLM cost estimate revised.	
CP0001026 CP0001027	23/24 Footpath Renewal Program 23/24 Footpath Upgrade Program	Further sites for renewal are currently under assessment.  Funds apportioned to support a grant application for Kuranda Arara Street Footpath connection to the Library and Community precinct.  Arara Street Footpath PLM cost estimate revised.	Planning
CP0001026 CP0001027 CP0001665 CP0001666	23/24 Footpath Renewal Program 23/24 Footpath Upgrade Program  Mt Molloy Footpath & Furniture Refurb	Further sites for renewal are currently under assessment.  Funds apportioned to support a grant application for Kuranda Arara Street Footpath connection to the Library and Community precinct.  Arara Street Footpath PLM cost estimate revised.  Design to be scheduled	Planning

7/04/2025 2 of 6



Project Code	Project Description	Project Comment	Project Stage
CP0001029	Kda Com Precinct Parks Upgrade	Planning & Development ongoing 2025	Planning
CP0001803	Julatten Geraghty Pk Refurb Playground	Community engagement planning underway	Planning
CP0001805	MBA Bicentennial Lakes Northern	Tender opened 26 March and closes 16 April 2025.	Procurement
CP0001871	MBA Centenary Park Upgrade Fencing	Construction to commence late April.	Construction
CP0003670	MBA Amaroo Park Shade	Tender documents being prepared in preparation for procurement.	Planning
CP00809	MBA Bicentennial Lakes (Southern) D&C	Slides embankment fence installation is 80% complete.	Construction
CP00860	KDA Anzac Park Landscaping	Plaque posts have been fabricated. Plaque format and wording being finalised prior to ordering.	Completed
CP00861	KDA Coondoo Street Refurb	Upper Coondoo Street new cabling and LED streetlights have been installed and the lights commissioned. Project 70% complete.	Construction
		Pavement and stone works aroundCentenary Park are complete. The contarctor has moved on to Coondoo Street withworks ongoing. The project 40% complete.	
		Ergon propose to undertake the Lower Coondoo Street streetlighting upgrade works in the second half of 2025.	

Program: 11	Water		
CP0001038	23/24 Retic Valve/Hyd Replace Program	New vales have been sourced and will be installed at Lerra and Byrnes Streets intersection as soon as time permits and we have available contractors to assist.	Construction
CP0002670	FY24/25 - WTP Minor Infrastructure	Works are underway and will be completed by mid to late May pending delivery of equipment.	Construction
CP0002671	FY24/25 - Water Main Replacement	Construction works for pipeline 6 (Byrnes st) completed. Hort Street watermain to proceed early April.	Construction
CP0002672	FY24/25 - KDA WTP Turbidity Meters	Installation and commissioning works completed.	Close Out
CP0002674	FY24/25 - DIM WTP Turbidity Meters	Installation and commissioning completed.	Close Out
CP0002675	FY24/25 - Replace Chlorine Analysers	Works completed	Close Out
CP0002677	FY24/25 - Telemetry/SCADA Upgrades	Following on from project scoping late 2024 works commenced March 2025.	Construction
CP0002680	FY24/25 - Hydrants & Valve Renewal	Some materials have arrived, once all materials are here we can't commence until roundabout works on Constance St are completed as we need to shut down a section of Constance St and this would cause severe traffic disruptions.	Construction
CP0002682	FY24/25 - Irvinebank Ibis Dam PS	Waiting on servicing and inspection before obtaining pricing from suppliers on new equipment.	Construction
CP0002683	FY24/25 - DIM WTP Pump Replacement		Planning
CP0002684	FY24/25 - Smart Meters Replacement	Installation works on new receiver in Kuranda completed.;;Taggle to provide early access to new meters for trial in areas with connectivity issues.	Construction

7/04/2025 3 of 6



Project Code	Project Description	Project Comment	Project Stage
CP0002762	FY24/25 - MBA WTP Refurbish Clarifiers	Works well advanced on stripping out clarifier 1.	Construction
CP0002764	MOL Replace Hunter Ck Weir	GHD to do inspection as soon as weather permits.	Construction
CP0002921	MBA Booster Pump Station Relocation	Booster pump removed from Granite ck pump station. Pump sent away for servicing.	Construction
CP0003667	FY24/25 Irvinebank Ibis Dam Valves	Valves selected, electrical schematics being produced.	Procurement
CP0003668	CHI Renew Water Line	This project will only be done in 2024-2025 if there are residual funds left over from replacing water mains in Mareeba and Mt Molloy in 2024-2025.	On Hold
CP0003734	MBA WTP Fuel Pod For Generator	Procurement Stage	Procurement
CP00733	BOR6 MWTP Filtration Upgrade	Project complete and ready to be closed out.	Close Out
CP00878	MBA Decommission Basalt St Elevated	The water tower has been isolated and the reservoir section of	Construction
	Tank	the water tower needs to be cleaned out then a permanent closure / lockout of the feed line will be done which was expected to take place early to mid April but realistically could be May or line	
CP00879	MBA Decommission Granite Ck Pump Station	Pump set has been removed and taken away to remove pump veins that won't be required at the relocated site of Centenary Park.	Construction
Program: 12	? - Wastewater		
CP0001041	Mba WWTP Inlet Works Replacements	Works now completed and we are waiting on contractor to provide invoicing for payment then the project can be closed out.	Completed
CP0001043	Atherton St Pump Station Refurb	Project subject to grant funding.	On Hold
CP0001047	23/24 WW CCTV & Relining Program	Works complete. Awaiting final invoice from contractor for closeout.	Completed
CP0001050	Kennedy Hwy PS Control Board Upgrade	Switchboard installed and commissioned. Waiting on final invoice	Completed
CP0001053	23/24 WWPS Refurbishment Program	Works substantially completed.	Construction
CP0002474	FY24/25 - MBA Sewer CCTV & Reline Prog	Works continuing. CCTV Works continuing in the Amaroo estate area and are to be completed late April.	Construction
CP0002475	FY24/25 - WW Pump Station Ancillary	Contractor manufacturing new safety lids to be compliant with modern standards. Once manufacturing has been completed site works will commence.	Construction
CP0002476	FY24/25 - WW Reticulation Pumps Renewal	Parts and pumps on order awaiting delivery.	Procurement
CP0002477	FY24/25 - Telemetry/SCADA Upgrades	Contractor progressing with investigating processes and systems relevant to alarming and code deployment.	Construction
CP0002479	FY24/25 - Pump Station Generators x 2	W&W fabricator manufacturing housings for generators which will be installed in due course.	Construction
CP0002480	FY24/25 - Manhole Rehab & Replace	Works delayed due to rain events. Works on the Keneally Rd sewer network to recommence mid April.	Construction
CP0002481	FY24/25 - MBA Constance St Rising Main	Waiting on formal confirmation from Minister LG so project can commence.	Design
CP0002482	FY24/25 - KDA WWTP Renew Control Panels	Electrical works are now completed.	Close Out
CP0003715	KDA WWTP Renew 6x4m Shed	Contractor has commenced works despite ongoing inclement weather in Kuranda. Actual project works will be completed by 30	Construction

7/04/2025 4 of 6



Project Code	Project Description	Project Comment	Project Stage
loae			
P0003722	KDA WWTP Renew 6x6m Shed	Contractor has commenced works despite ongoing inclement	Construction
		weather in Kuranda. Actual project works will be completed by 30	
		June.	
CP00889	22/23 MBA Sewer CCTV & Relining	We've got some works underway in Kuranda and should have the	Construction
		reports back in the coming weeks.	
rogram: 13	3 - Waste		
P0002216	KDA WTS New Ablution Block	Construction continuing. Roof completed.	Construction
P0002220	MBA TS Leachate Pump Annual	There has been some safety issues highlighted with accessing the	Planning
	Program	pumps, this is now under review and a methodology will be	· ·
		developed to mitigate any risks. Pumps will then also be	
		reassessed for replacement during the scheduled May servicing.	
00002224	MDA TC Loachata DC Duman	Now nump on order with a reasonable long load time or delivery	Drocurement
.P0002221	MBA TS Leachate PS Pump	New pump on order with a reasonably long lead time on delivery.	Procurement
	1 - Aerodromes	Works completed Chulch conjects all hydrosts	Construction
.2000094/	Mareeba Aerodrome Safety & Repairs	Works completed. Chubb servicing all hydrants.	Construction
CP0003899	MBA Aerodrome Drainage	Waiting on the installation of the Spill Gates on Ray Road.	Design
	Improvements	Meeting with Design to look at the drainage and flow of water.	
Program: 1	5 - Fleet		
	Fleet Replace #1231 Toyota WW	Project Complete	Completed
CP0003738	Replace Asset 741 Street Sweeper	Purchase order raised December 2024, Delivery expected June 2025	Procurement
CP0003739	Replace Asset 620 Job Truck	Truck delivered, truck currently at Body Builders having tipping	Procurement
200002740	Dealers Asset 4255 Teach 18	body fabricated	<b>5</b>
	Replace Asset 1255 Toyota Hilux	Vehicle delivered, waiting for body to be fabricated	Procurement
CP0003743	Replace Asset 1274 Toyota Hilux	Vehicle on order, no delivery date as yet	Procurement
	Replace Asset 5005 MF Tractor/Loader	Project Complete	Close Out
CP0003752		· · · · · · · · · · · · · · · · · · ·	
	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser	Project Complete  Project Complete	Close Out
	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero	Project Complete	Close Out
CP0003773	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero INSURANCE	Project Complete  Project Complete  Project Complete	Close Out Close Out Close Out
CP0003773	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero	Project Complete  Project Complete	Close Out
CP0003773 CP0003776	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero INSURANCE Replace Unit 5422 Tool Trailer	Project Complete  Project Complete  Project Complete	Close Out Close Out Close Out
CP0003773 CP0003776	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero INSURANCE Replace Unit 5422 Tool Trailer INSURANCE	Project Complete  Project Complete  Project Complete  Trailer purchased, waiting on canopy to be fabricated	Close Out Close Out Close Out Planning
CP0003773 CP0003776 CP0003826	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero INSURANCE Replace Unit 5422 Tool Trailer INSURANCE Replace Asset 1244/6263 L'cruiser	Project Complete  Project Complete  Project Complete  Trailer purchased, waiting on canopy to be fabricated	Close Out Close Out Close Out Planning
CP0003773 CP0003776 CP0003826 Program: 16	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero INSURANCE Replace Unit 5422 Tool Trailer INSURANCE Replace Asset 1244/6263 L'cruiser INSUR	Project Complete  Project Complete  Project Complete  Trailer purchased, waiting on canopy to be fabricated	Close Out Close Out Close Out Planning Procurement
CP0003776 CP0003826 CP0gram: 16	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero INSURANCE Replace Unit 5422 Tool Trailer INSURANCE Replace Asset 1244/6263 L'cruiser INSUR	Project Complete  Project Complete  Project Complete  Trailer purchased, waiting on canopy to be fabricated  Vehicle on order;;Spray unit delivery April 2025	Close Out Close Out Close Out Planning Procurement
CP0003773 CP0003776 CP0003826 CP0003737	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero INSURANCE Replace Unit 5422 Tool Trailer INSURANCE Replace Asset 1244/6263 L'cruiser INSUR  5 - Depots and Council Offices MBA Kowa St External Staff Training Room	Project Complete  Project Complete  Project Complete  Trailer purchased, waiting on canopy to be fabricated  Vehicle on order;;Spray unit delivery April 2025  Works awarded to JMB Building. Construction to commence early	Close Out Close Out Close Out Planning Procurement
CP0003773 CP0003776 CP0003826 CP0003737 CP0003737	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero INSURANCE Replace Unit 5422 Tool Trailer INSURANCE Replace Asset 1244/6263 L'cruiser INSUR  5 - Depots and Council Offices MBA Kowa St External Staff Training Room  7 - Community Buildings	Project Complete  Project Complete  Project Complete  Trailer purchased, waiting on canopy to be fabricated  Vehicle on order;;Spray unit delivery April 2025  Works awarded to JMB Building. Construction to commence early April.	Close Out Close Out Planning Procurement Construction
CP0003773 CP0003776 CP0003826 CP0003737 CP0003737	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero INSURANCE Replace Unit 5422 Tool Trailer INSURANCE Replace Asset 1244/6263 L'cruiser INSUR  6 - Depots and Council Offices MBA Kowa St External Staff Training Room  7 - Community Buildings Mba/Dim Aquatic Condition	Project Complete  Project Complete  Project Complete  Trailer purchased, waiting on canopy to be fabricated  Vehicle on order;;Spray unit delivery April 2025  Works awarded to JMB Building. Construction to commence early	Close Out Close Out Close Out Planning Procurement
CP0003773 CP0003776 CP0003826 Program: 10 CP0003737 Program: 17 CP0001059	Replace Asset 5005 MF Tractor/Loader Replace Asset 3010 Toyota Landcruiser Replace Asset 1307 Mit. Pajero INSURANCE Replace Unit 5422 Tool Trailer INSURANCE Replace Asset 1244/6263 L'cruiser INSUR  5 - Depots and Council Offices MBA Kowa St External Staff Training Room  7 - Community Buildings	Project Complete  Project Complete  Project Complete  Trailer purchased, waiting on canopy to be fabricated  Vehicle on order;;Spray unit delivery April 2025  Works awarded to JMB Building. Construction to commence early April.	Close Out Close Out Planning Procurement Construction

7/04/2025 5 of 6



Project Code	Project Description	Project Comment	Project Stage
CP0001637	KDA Library Paint & Roof Improvements	Refurbishment of roof rainwater goods and plumbing in procurement.	Construction
CP0001639	Annual Minor Building Refurbishment	RFQ released for the refurbishment of the Anzac Park Cenotaph plinth.	Procurement
CP0001646	KDA Recreation Centre Improvements	Project complete.	Completed
CP0001664	Annual Facilities LED Lighting	Procurement commenced for Kuranda Recreation centre Tennis court lighting.	Procurement
CP0002909	DIM Memorial Hall Park Lighting Upgrade	Ergon works delay. Works to be completed late April.	Construction
CP0003718	MBA Davies Park Field 2 Lighting Upgrade	Works on hold. Awaiting suitable funding.	On Hold
CP0003729	MBA Aquatic Centre Pool Expansion Joints	Advised by MCSF that the works on the expansion joints will be done April or May	Construction
CP0003756	MBA Davies Park Field 1 Lighting Upgrade	Works delayed due to wet weather.	Construction
CP00749	Aquatic Facility Upgrades & Splash Park	Works complete.	Completed
CP00793	MBA Women's Restroom Refurb	To be completed in conjunction with the Mareeba CBD Blueprint Project	Planning
CP00819	22/23 Shire Toilet Facility Repl Program	Project Complete.	Close Out
CP00909	KDA Aquatic Cnt 25m Pool Aquaris Upgrade	Pool Lessee is confirming replacement timeline with Contractor. Works to be completed prior end of financial year.	Procurement
CP00941	23/24 Park/Sporting LED Lights Arnold Pk	In procurement. RFQ Submissions due late March.	Procurement
Program: 18	3 - Non-Infrastructure Items		
CP0001085	Mba Cemetery Expansion Planning	Inception meeting held with Community Dep and Technical Services Team to commence layout development, Targeted for June 2025.	Planning
CP0003684	MBA New Cemetery Lawn Plaque on Beam	Additional irrigation works to be undertaken	Construction
CP0003716	MBA Smartnet GPS Base Replacement	Works Complete, capitalisation of project required.	Completed
CP0003717	KDA Heights Cemetery Lawn Plaque on Beam	Additional irrigation works to be undertaken	Construction
CP0003754	Mareeba CBD Blueprint	Tender awarded to GHD subject to finalising contract negotiations.	Planning
CP00446	Kuranda New Cemetery	All works completed.	Completed
CP00932	MBA MIP Expansion	Masterplan at 95% design stage. Stage 11 construction plans at 30%.	Design

7/04/2025 6 of 6



Project Name: Herberton / Constance Street Intersection Upgrade

**Program: Urban Streets** 

#### **Background**

The FNQRRTG Works Program for the 2024-2025 financial year contained a non LRRS (Local Roads of Regional Significance) project for Mareeba Shire Council to 50% fund the upgrade of the Herberton Street/ Constance Street intersection. The funding is provided by the Queensland State Government through the Transport Infrastructure Development Scheme (TIDS).

#### **Scope of Works**

The scope of works includes the installation of a roundabout, a number of traffic islands, kerbing, footpath extensions and light pole relocations.

#### **Progress Update**

During March footpath and kerb ramp works have been completed on the south-eastern side and the north-western side and 75% completed on the southwestern side of the intersection. Pavement excavation has been completed on the southern side and a quarter of the northern side with the subbase and base gravel laid and compacted. Concrete roundabout has been poured along with the semi mountable kerb.

Works have been hindered by inclement weather and practical completion is estimated to be mid-May 2025, weather permitting.



Footpath southeastern side



Roundabout with semi mountable kerb





Base gravel – laid and compacted



Project Name: Chewko Road Rehabilitation, Widen and Seal

**Program: Urban Streets** 

### **Background**

The FNQRRTG Works Program for the 2024-2025 financial year contained a LRRS (Local Roads of Regional Significance) project for Mareeba Shire Council to 50% fund the rehabilitation and widening of a section of Chewko Road, Mareeba. The funding is provided by the Queensland State Government through the Transport Infrastructure Development Scheme. (TIDS).

#### **Scope of Works**

The scope of works includes the relocation of a water main, upgrade accesses, widen and seal the existing pavement and drainage improvements.

#### **Progress Update**

During March the drainage on the Borzi Park side has been completed. Shoulder rebuilds has been completed both sides of the road. Both sides of the road have been excavated to depth and subbase and base gravel has been laid and compacted. Works have been hindered by inclement weather and practical completion is estimated to be mid-April 2025, weather permitting.



Shoulder rebuilds



Base gravel in shoulder widenings



Project Name: 2024-2025 Water Main Renewal Program (Stage 2)

Program: Water

#### **Background**

As part of Council's 10-year water strategy, ageing water mains are being replaced and upgraded throughout the Shire. An allocation has been provided in the 2024/25 capital works program to replace failing and ageing asbestos cement (AC) composition watermains at (5) five locations within the Mareeba township.

#### **Scope of Works**

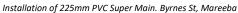
The scope of works includes the supply and installation of PVC Supermain and ductile iron (DICL) on road crossings, in addition to new service connections, valves and hydrants are being installed.

#### **Progress Update**

Works commenced in March, adjacent to the carpark on the corner of Rankin and Byrnes Street, starting at the Rankin Street intersection and running south to connect with the Herberton Street pipeline.

Works have progressed well with no major interruptions to the scheduled program. This section has been completed, and works have now progressed along Hort Street.







T-intersection with sluice valves. Byrnes St, Mareeba.



Project Name: Mareeba Water Plant Clarifier Upgrade Project

Program: Water

#### **Background**

As part of Council's 10-year water strategy, the Mareeba Water Treatment Plant is being progressively upgraded to boost the capacity of water that can be treated and distributed to the community. The Mareeba Water Treatment Plant is currently producing 200 litres per second, which is below its capacity due to the ageing infrastructure's inability to operate at peak performance. The clarifiers are a critical component in the water processing chain and require an upgrade to relieve the pressure on the filtration system and enable the production of more water for the community (250L/s).

#### Scope of Works

- Replacement of Clarifier 1 sludge rake and centre drive, including new power and control cabling;
- Replacement of all 4 X flocculator mixers with new mixers and VFDs, including new power and control cabling;
- Replacement of concrete panel platform with new steel structure;
- Replacement of handrails with marine grade aluminium or 316 stainless-steel and standard kick-plates;
- Replacement of covered area on Clarifier 1 with a new roof; and
- Supply and install new automated polymer make-up and dosing system, including new
  dosing pumps and dosing lines from the proposed new location in the Main Control Building.

#### **Progress Update:**

Stripping out Clarifier 1 almost competed and manufacturing and supply of critical equipment for the upgrade works well advanced and now waiting on delivery of the goods prior to installation.





Stripping out Clarifier 1 and new equipment being manufactured.

Project Name: Constance Street - Lloyd Street New Footpath Connection

**Program: Footpaths** 

#### **Background**

This project aims to enhance pedestrian safety by introducing a designated footpath that separates pedestrians from vehicle traffic, significantly reducing the risk of casualty crashes. The new footpath will minimise risks for vulnerable pedestrians and will improve overall safety for both school-aged children and their younger siblings. Additionally, new carparks will be added to ensure smoother traffic flow during school drop-off and pick-up times, creating a safer and more efficient environment for the entire community. This project is a key initiative in the Mareeba Walking Network Plan and is funded by the Queensland Government's School Transport Infrastructure Program and the Mareeba Shire Council.

#### Scope of Work

This project will construct a new footpath connection on Constance Street where there is currently a missing link. This initiative connects to the Constance Street and Lloyd Street intersection pedestrian kerb build-out safety improvement which was recently completed in partnership with the Department of Transport and Main Roads Lighter Affordable Effective Pilot Program. The project deliverables are:

- Extend the footpath on Constance Street to connect to Lloyd Street.
- Widen Constance Street to the north of the existing school carpark on its eastern side.
- Install kerb and channel systems.
- Construct additional formal carparking bays.

#### **Progress Update**

Project complete. Ikin Civil has completed the footpath and parking upgrade project. Photos on following page.





Constance Street to Llyod Street New Footpath Connection - Construction & Line Marking Complete



Project Name: Coondoo Street and Centenary Park Kuranda Streetscape

**Program: Footpaths and Parks and Open Spaces** 

#### Background:

This project brings together several projects from the Kuranda Township Infrastructure Masterplan 2021- 2031 to deliver infrastructure and improvements that enhance the 'Village in the Rainforest' as a unique, authentic experience for residents and tourists alike, by improving safety, accessibility, connection with the environment and integration between the activities of residents and tourists.

The included projects are:

- Centenary Park Upgrade (Pathways Component Only)
- Upgrade of planter boxes and garden bed planting through the CBD areas (Coondoo Street)
- · Coondoo Street Upper Refurbishment (footpaths, lighting, tree bud lighting)
- Coondoo Street Lower Lighting Upgrade

#### Scope of Work:

Footpaths Pavement Safety Improvements

Work will include renewed sections of footpath and relaying of pavers to repair cracks and uneven surfaces. The work will match the look and feel of the current footpaths. Footpaths are not being fully replaced. Some minor footpath repairs will also be undertaken in Centenary Park.

Gardens Planter Box Maintenance

The existing plantings in the Coondoo Street planter boxes will be revamped and plant species consolidated. Competing plants will be removed as required to protect the fig trees.

Streetlighting Upgrades and Fig Tree Fairy Lights Installation

Works will see existing streetlights along upper Coondoo Street being upgraded with new poles and LED fixtures. The design of the upgraded fixtures will maintain the current heritage look.

Lighting upgrades will provide an opportunity for businesses in Kuranda to extend trading into the evening and night. The existing lighting at the base of the fig trees will be replaced with lighting pillars to service the fairy lights and provide 240 v power outlet options for potential street events.

Ergon will also upgrade the lower Coondoo Street lighting later in 2025.

#### **Progress Update:**

The landscaping contractor has completed concrete slab replacement, paver and stone wall reinstatement works around Centenary Park and has moved on to the Coondoo Street footpaths.

The Coondoo Street fig trees have been trimmed and competing species removed from the canopy in accordance with the arborists report and planter box refreshment has commenced.

The lighting contractor has completed the UG cable replacement, the main switchboard replacement, installation of the stainless steel power supply pillars and the new LED streetlights. The streetlights were commissioned in the last week of March.







Kuranda Centenary Park – Concrete Slab Replacement





Corner Coondoo & Therwine Streets - Before & After





New Power Supply Pillars & LED Streetlights

New Main Switchboard

# 9.5 INFRASTRUCTURE SERVICES, DISASTER RECOVERY OPERATIONS REPORT - MARCH 2025

Date Prepared: 7 April 2025

Author: Manager Disaster Recovery

Attachments: 1. DRFA Project Updates - March 2025 &

#### **EXECUTIVE SUMMARY**

The purpose of this report is to outline to progress of Council's activities funded under the Disaster Recovery Funding Arrangements (DRFA) during the month of March 2025.

#### **RECOMMENDATION**

That Council receives the Infrastructure Services, Disaster Recovery Operations Report for March 2025.

#### **BACKGROUND**

The Disaster Recovery Funding Arrangements (DRFA) is a jointly funded program between the Australian Government and State Government, providing financial assistance to help communities recover from eligible disasters. Current projects and their respective weather events are provided herein.

# 2022 DRFA - Far North Queensland Low Pressure Trough, 1 - 7 February 2022

Project Name	Update
T-MSC2023-16 Gamboola Crossing	Dempsey Crane and Construction (DCC) was engaged to deliver the works. Construction commenced September 2023 and Practical Completion was reached November 2024. Variations finalised. Final consultant invoice to be processed prior to close out of the project.
T-MSC2023-12 Gully Betterment Program	S&K Civil Pty Ltd (S&K) was engaged to deliver the works. Construction commenced June 2023 and Practical Completion was reached December 2024. Project Management costs to be finalised prior to close out of the project.

# 2023 DRFA – Northern and Central Queensland Monsoon and Flooding, 20 December 2022 – 30 April 2023

Project Name	Update
Mount Mulligan Road Rain Gauge reinstatement	Works completed as of 4 March 2025. Awaiting contract invoice and project closed out.
T-MSC2024-06 – MSC DRFA 2023 Eastern Roads Package	Ikin Civil Pty Ltd engaged to deliver contract. Seal works underway and scheduled for completion late April 2025.

Project Name	Update
T-MSC2024-07 – MSC DRFA 2023 Dimbulah Roads Package	Keltone Construction Pty Ltd engaged to deliver contract. Keltone has remobilised and commenced work on Hurricane & Karma Water Road. Works on these roads forecast to be complete by 1 May 2025. Works to commence on Kondaparinga/Mt Mulligan-Kondapringa Road afterwards.
T-MSC2024-08 – MSC DRFA 2023 Mid-Western Roads Package	Gregg Construction Pty td engaged to deliver contract. Works complete.
T-MSC2024-09 – MSC DRFA 2023 Western Roads Package	MC Group Pty Ltd engaged to deliver contract. Works outstanding on Bulimba and Blackdown Road. Work set out commencing. 5T load limit in place on BDR preventing machinery from mobilising.

# <u>2024 DRFA – Tropical cyclone Jasper, associated rainfall and flooding, 13 – 28 December 2023</u>

Reconstruction of Essential Public Assets (REPA) Projects

Project Name	Update
T-MSC2023-04 Kuranda Landslip Remediation	Australian ground engineering Pty Ltd engaged to deliver contract.
	Hilltop reservoir: Complete.
	Barron Falls Road: Complete.
T-MSC2024-10 Jarawee Road	Civform Pty Ltd engaged to deliver contract.
Stabilisation	Works underway on site. Abutment A wingwalls complete. Abutment B ongoing. Works scheduled to be completed 30 June 2025.
T-MSC2024-13 Bushy Creek Bridge	Davbridge Pty Ltd engaged to deliver contract.
	Bridge works complete. Minor works to be completed during defects liability period (painting of pile casings & line marking).
T-MSC2024-15 Emerald End Culvert	Terra Novus is engaged to deliver contract.
Construction	Downstream wingwalls complete. Subgrade proof roll passed. Downstream batter protection and pavement works ongoing. Scheduled for completion late May 2025.
T-MSC2024-16 Carman Road	Terra Novus Pty Ltd is engaged to deliver contract.
Culvert Construction	Possession of site has been granted and construction of side track has commenced. Scheduled completion early June 2025.
T-MSC2024-33 - MSC DRFA 2024	Council has resolved to award contract to Ikin Civil Pty Ltd.
Eastern Roads Package	Finalisation of scope is being sought from QRA prior to Contract award.

Project Name	Update
T-MSC2024-34 – MSC DRFA 2024 Western Roads Package	Council has resolved to award contract to Gregg Construction Pty Ltd.
	Finalisation of scope is being sought from QRA prior to Contract award.
T-MSC2024-36 – MSC DRFA 2024 Dimbulah Roads Package	Council has resolved to award contract to Cheshire Contractors Pty Ltd.
	Finalisation of scope is being sought from QRA prior to Contract award.
T-MSC2024-35 – MSC DRFA 2024 Mid-Western Roads Package	Council has resolved to award contract to Gregg Construction Pty Ltd.
	Finalisation of scope is being sought from QRA prior to Contract award.
Black Mountain Road Culvert Replacement	Submission has been lodged to QRA for replacement of culvert damaged as a result of TC Jasper event.
MSC DRFA 2024 Landslip Program	Submissions have been lodged with QRA for geotechnical sites on the following roads:
	Ivicevic Road (Mareeba)
	2 x Mount Haren Road (Kuranda)
	Warril Drive (Kuranda)
Hastie Road Embankment	QRA Funding approval received for Hastie Road Embankment restoration.

### <u>Clean-up Program (exceptional circumstances package)</u>

Funding was made available to eligible local governments and state agencies that require extraordinary assistance to undertake assessments and conduct extraordinary clean-up activities of rivers, waterways, beaches, community and recreational assets and National Parks and to support removal and disposal of disaster related debris.

All approved works under this program were completed in late 2024. Reconciliation of costs for reimbursement are underway.

# Water & Sewer Program (exceptional circumstances package)

In December 2024, a Water and Sewerage Infrastructure Package was announced, and is available to Mareeba Shire Council, Cook Shire Council and Douglas Shire Council.

The objectives of the Water and Sewerage Infrastructure Package is to restore essential water and sewerage infrastructure that was damaged by the event and ensure essential services are delivered to the community, accelerating recovery and relieving distress.

In addition to request for reimbursement of immediate and emergency costs, the following submissions have been lodged to QRA:

- 1) Lloyd Street Sewer Main Works
- 2) Kuranda Water Treatment Plant Works

Guidelines for the funding program have been received. As of March 2025, no approvals for the projects have been received.

Project Name	Update
T-MSC2025-08 – MSC Water and Waste Program Management Services	Tenders closed for the tender on 20 March 2025.  Post tender clarification and assessment is currently underway.
T-MSC2025-09 – Lloyd Street Sewer Replacement Project	Tenders have been released for Lloyd Street Sewer Main Project. Tenders close 24 April 2025.  A mandatory site inspection was held on 1 April 2025.
T-MSC2025-10 – Kuranda WTP Infrastructure Project	Awaiting quotation for design from Jacobs Group.

# Betterment Fund (exceptional circumstances package)

The Betterment Fund is available to eligible local government areas in Queensland impacted by the Tropical Cyclone Jasper, associated rainfall and flooding, 13 - 28 December 2023. It is jointly funded by the Australian and Queensland Governments. The objectives of the Betterment Fund are to restore essential public assets damaged in TC Jasper to a more resilient standard.

Submissions have been lodged to QRA and are currently being reviewed.

### Local Recovery and Resilience Grants (LRRG)

Local Recovery and Resilience Grants are available to eligible local councils significantly impacted by Tropical Cyclone Jasper, 13 - 28 December 2023 in Far North Queensland. Funding will help councils address economic, social and community recovery needs and support future resilience measures.

A submission has been lodged for this grant.

#### 2025 DRFA – North and Far North Tropical Low 29 January – 28 February 2025

#### **Event Activation**

Council has been activated for QRA eligible event North and Far North Tropical Low 29 January – 28 February 2025. Council has been activated for:

- 1) Counter Disaster Operations (CDO)
- 2) Reconstruction of Essential Public Assets (REPA)

#### **Project Management Services**

The contract for project management was awarded to ARO Industries at the Council meeting of 19 March 2025. A project inception meeting has been held with the contractor.

#### **Emergency Works**

Council is currently undertaking Emergency Works throughout the Shire.

Emergency Works are to be completed within 3-months of the commencement of the event or when asset is accessible, whichever is latest. At the time of preparing this report, roads west of Chillagoe were unable to be accessed due to river heights.

# Reconstruction of Essential Public Assets (REPA) Projects

Scoping of REPA associated with event is currently underway.

#### **RISK IMPLICATIONS**

#### **Financial**

Funding arrangements state that eligible expenditure is reimbursed.

Expenditure is considered eligible when:

- Extraordinary costs are incurred that could normally not be absorbed by, or reasonably managed within, the local government or state agency's financial, human and other resource capacity, and
- 2) Costs are directly associated with the delivery of eligible works on eligible essential public assets that have been damaged by an activated eligible disaster.

No ineligible cost reported for active projects. Risk of ineligible expenditure is mitigated through engagement of suitably qualified consultants.

#### LINK TO CORPORATE PLAN

**Financial Sustainability and Governance:** A financially sustainable council that applies strategic decision making and good governance to deliver cost-effective services.

**Community and Culture:** An informed, engaged and resilient community which supports and encourages effective partnerships to deliver better outcomes.

**Transport and Infrastructure:** The provision of quality infrastructure to service our growing community using sound asset management principles.

**Economy and Growth:** Promote and encourage investment in local industry to build a resilient economy.

# Infrastructure Services Disaster Recovery Operations Major Projects Summary – March 2025



2024 DRFA – Tropical cyclone Jasper, associated rainfall and flooding, 13 – 28 December 2023

T-MSC2024-10 Jarawee Road Stabilisation



Project Manager: ARO Industries Pty Ltd

Contractor: Civform Pty Ltd (design & construct)

Status: Works ongoing

Mareeba Shire Council (MSC) engaged ARO Industries Pty Ltd (ARO) for the provision of engineering design and project management services for remediation works at the culvert failure on Jarawee Road, Kuranda. The culvert was damaged as a as a result of the Tropical cyclone Jasper, associated rainfall and flooding, 13 – 28 December 2023 weather event.

As a result of an alternative tender, Civform was engaged for the design and construction of a reinforced concrete bridge with pedestrian lane in leu of a culvert structure. Construction commenced September 2024 and is ongoing.

MSC was granted funding through the Queensland Reconstruction Authority (QRA) to undertake construction of the bridge.

Major updates for the month include:

- Abutment A complete.
- 2) Works ongoing on Abutment B.

Major Projects Summary March 2025

Page 1 of 3

# Infrastructure Services Disaster Recovery Operations Major Projects Summary – March 2025



#### T-MSC2023-15 Emerald End Culvert Construction



Project Manager/Designer: ARO Industries Pty Ltd/Trinity Engineering and

Consulting Pty Ltd

Contractor: Terra Novus Pty Ltd
Status: Works ongoing

Mareeba Shire Council (MSC) engaged Trinity Engineering and Consulting Pty Ltd (TEC) for engineering design and ARO Industries Pty Ltd (ARO) for project management services for the construction of a RCBC structure across Cobra Creek on Emerald End Road, Mareeba. The existing crossing was damaged as a result of the Tropical Cyclone Jasper, associated rainfall and flooding, 12 – 28 December 2025 weather event.

MSC was granted funding through the Queensland Reconstruction Authority (QRA) to undertake construction of the causeway.

Terra Novus Pty Ltd is engaged to deliver the works. Construction is currently for completion April 2025.

Major updates for the month include:

- 1) Single lane traffic has been directed over the new structure and temporary bridge removed.
- 2) Half sealing works complete on new structure.
- 3) Upstream works commenced and ongoing. Rain causing delays.

Major Projects Summary March 2025

Page 2 of 3

# Infrastructure Services Disaster Recovery Operations Major Projects Summary – March 2025



#### T-MSC2023-16 Carman Road Culvert Construction



Project Manager/Designer:

ARO Industries Pty Ltd/Trinity Engineering and Consulting Pty Ltd

Terra Novus Pty Ltd

Status:

Contractor:

Works ongoing

Mareeba Shire Council (MSC) engaged Trinity Engineering and Consulting Pty Ltd (TEC) for engineering design and ARO Industries Pty Ltd (ARO) for project management services for the construction of a causeway on Carman Road. The existing crossing was damaged as a result of the Tropical Cyclone Jasper, associated rainfall and flooding, 12 – 28 December 2025 weather event.

MSC was granted funding through the Queensland Reconstruction Authority (QRA) to undertake construction of the causeway.

Terra Novus Pty Ltd is engaged to deliver the works and is scheduled to be completed June 2025.

Major updates for the month include:

- 1) Commencement of onsite works.
- 2) Construction of side track.

Major Projects Summary March 2025

Page 3 of 3

#### 9.6 INFRASTRUCTURE SERVICES, TECHNICAL SERVICES OPERATIONS REPORT - MARCH 2025

Date Prepared: 19 March 2025

Author: Manager Technical Services

Attachments: Nil

#### **EXECUTIVE SUMMARY**

The purpose of this report is to outline Council's Fleet, Design, Soils Lab, Survey, Quality, GIS, Facilities and Investigation Services activities undertaken by Infrastructure Services during the month of March 2025.

#### RECOMMENDATION

That Council receives the Infrastructure Services, Technical Services Operations Report for March 2025.

#### **BACKGROUND**

#### **Technical Services**

# Design, quality, and investigations:

Investigation activities undertaken in March included:

Activity	<b>Current Requests</b>	Closed Requests
Road Infrastructure Review	99	33
Drainage Investigations	55	12
NHVR Permit Applications	1	18
Traffic Count Surveys	0	7
Parks Investigations	5	2
Aerodromes	1	0
Miscellaneous e.g. Planning; Local Laws	33	22
Before You Dig Requests	0	69

#### **Soil Laboratory:**

Council's Soil Laboratory provides NATA-accredited soil and material testing for internal and external services. The laboratory delivered 190 tests in March, with the majority being for external clients.

# GIS:

Ongoing improvements to GIS data associated with water, sewerage, roads, underground stormwater, and kerbs asset data sets continues, as information is received from other areas of Council.

There was a particular focus towards the stormwater asset class this month, to assist with financial audits.

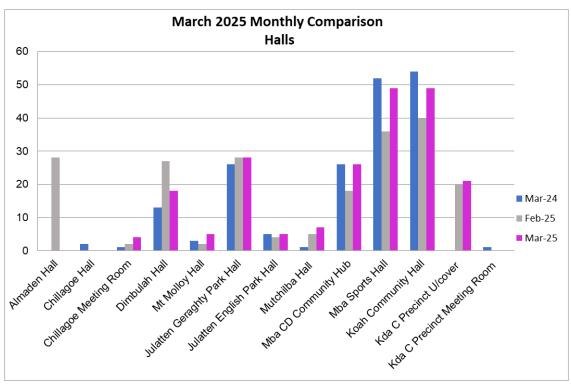
# **Operational Works and Subdivisions:**

To ensure ongoing compliance with development conditions, both during construction and on-maintenance, Council undertakes routine inspection and monitoring of sites. The following developments remain current:

Locality	Subdivisions Name	Status
Kuranda	Jum Rum Rainforest Estate Stage 1, Fallon Road	On-maintenance
Mareeba	Emerald End Road and Country Road – Stage 3	On-maintenance
Mareeba	Emerald End Road and Country Road – Stage 4	Under construction
Mareeba	The Rise: Catherine Atherton Dr – Stage 3 (Drainage)	On-maintenance
Mareeba	Amaroo Stage 13a (Drainage)	On-maintenance
Mareeba	Amaroo Stage 13b	Under construction
Mareeba	Prestige Gardens Stage 5-6	On-Maintenance
Mareeba	Mareeba Roadhouse and Accommodation Park,	On-Maintenance -
	Williams Close	Monitoring
Mareeba	7 Kenneally Road	On-Maintenance
Mareeba	9 Kenneally Road	Under construction
Mareeba	McIver Road, St Stephens College	Under Construction
Kuranda	2-6 Black Mountain Road	Under Construction
Kuranda	Jum Rum Rainforest Estate Stage 2, Fallon Road	Under construction
Kuranda	Myola Heights – Christensen Road	On-Maintenance

#### **Facilities**

Maintaining safe and efficient access to Council's Community Halls is recognised as an important aspect for the community's ongoing wellbeing. Bookings for March were generally strong across the region and reflected previous years trends for the month.



Geraghty Park Tennis Courts,	Courts have been cleaned by the Parks and Open Space team.
Julatten	Additionally, the Dimbulah Tennis Courts and Vains Park Tennis
	Courts are scheduled for cleaning in the coming month.
Kuranda Community Precinct	The roof over the walkway connecting the large shelter to the
	public amenities has been removed and replaced.
Chillagoe Golf & Tennis	Gates have been installed at the restrooms to minimise the
Courts – Public Toilets	potential for damage, the toilets remain open to the public.



Geraghty Park Tennis Courts – cleaning





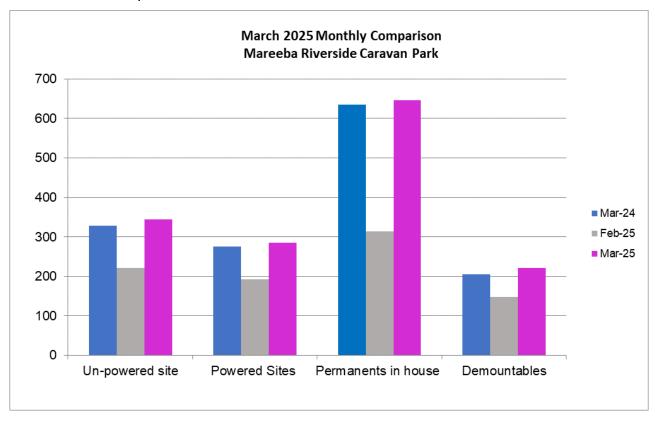
Chillagoe Golf & Tennis Courts – Public Toilets – Installed gates



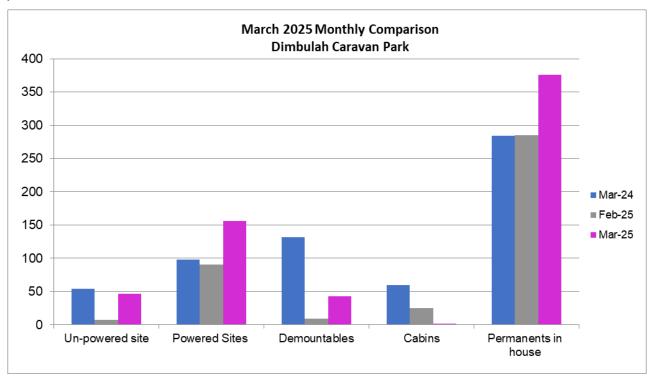
Kuranda Community Precinct – Roof replacement

# Caravan Parks:

Mareeba Riverside Caravan Park, utilisation for March 2025 returned to normal levels after a decrease in February 2025.

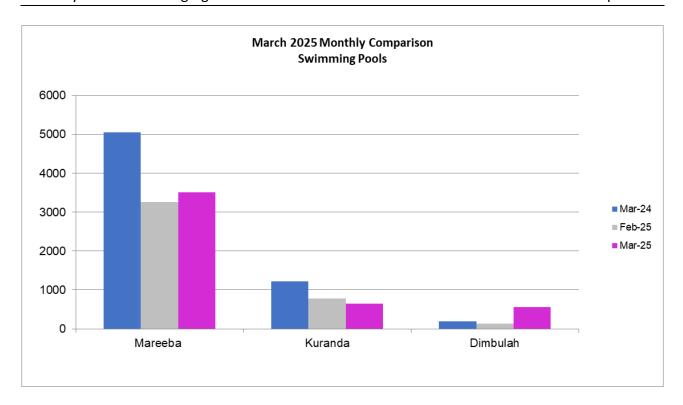


Dimbulah Caravan Park overall user numbers have generally remained stable against previous year's numbers.



# **Aquatic Centres**

Attendance at the Facilities has remained generally stable.



Mareeba Aquatic Centre

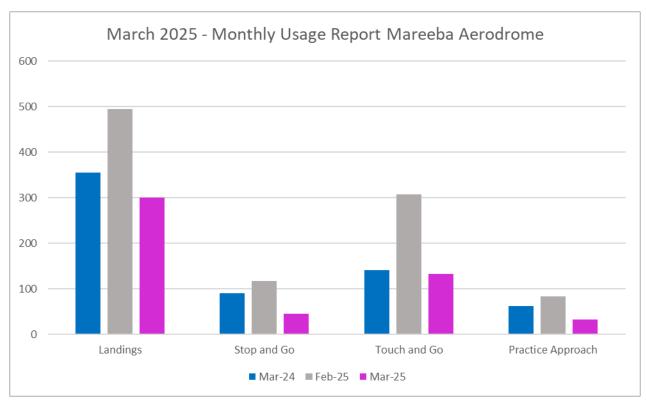
The previously installed heavy gates at the entrance have been replaced with new Aluminium gates.

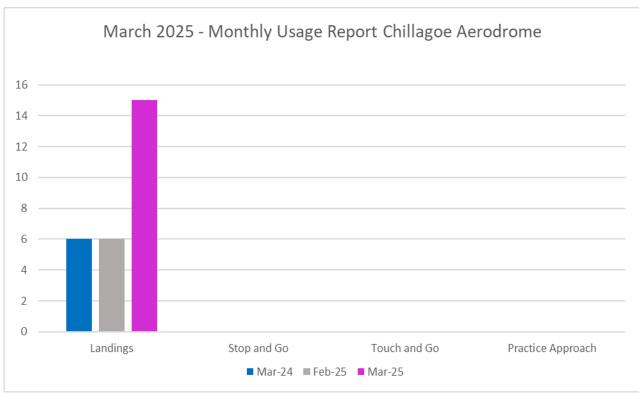


Mareeba Aquatic Centre - gates

# Aerodromes:

The data recorded below is current for the month of March, however there is usually a lag of some data for each current month from the service provider, which continues to be updated into the next month.





Mareeba Aerodrome	The business signs have been cleaned and minor maintenance
	completed.

Fire pumps have been successfully commissioned and maintenance audit of the system undertaken.



Mareeba Aerodrome – business singage

# LINK TO CORPORATE PLAN

**Financial Sustainability and Governance:** A financially sustainable council that applies strategic decision making and good governance to deliver cost-effective services.

**Community and Culture:** An informed, engaged and resilient community which supports and encourages effective partnerships to deliver better outcomes.

**Transport and Infrastructure:** The provision of quality infrastructure to service our growing community using sound asset management principles.

**Economy and Growth:** Promote and encourage investment in local industry to build a resilient economy.

# IMPLEMENTATION/COMMUNICATION

Nil

# 9.8 INFRASTRUCTURE SERVICES, WATER AND WASTE OPERATIONS REPORT - MARCH 2025

Date Prepared: 19 March 2025

Author: Manager Water and Waste

Attachments: Nil

#### **EXECUTIVE SUMMARY**

The purpose of this report is to summarise Council's Water and Waste activities undertaken by the Infrastructure Services Department during the month of March 2025.

#### **RECOMMENDATION**

That Council receives the Infrastructure Services, Water and Waste Operations Report for March 2025.

#### **BACKGROUND**

#### **Water and Wastewater Treatment:**

All treatment plants are generally performing satisfactorily. Interim measures are in place to address damage to Kuranda Water Treatment Plant intake infrastructure which resulted from Cyclone Jasper and ongoing rain.

Connections have been updated with information provided by the Rates Section to correspond with annual KPI reporting.

Water Treatment	Mareeba	Kuranda	Chillagoe	Dimbulah	Mt Molloy*
Water Plant average daily production (kL)	6520	991	188	357	MD
Number of Connections	4141	1053	127	246	111
Average daily water consumption per connection (L)	1574	941	1481	1450	MD

<sup>\*</sup> Mt Molloy is an untreated, non-potable water supply

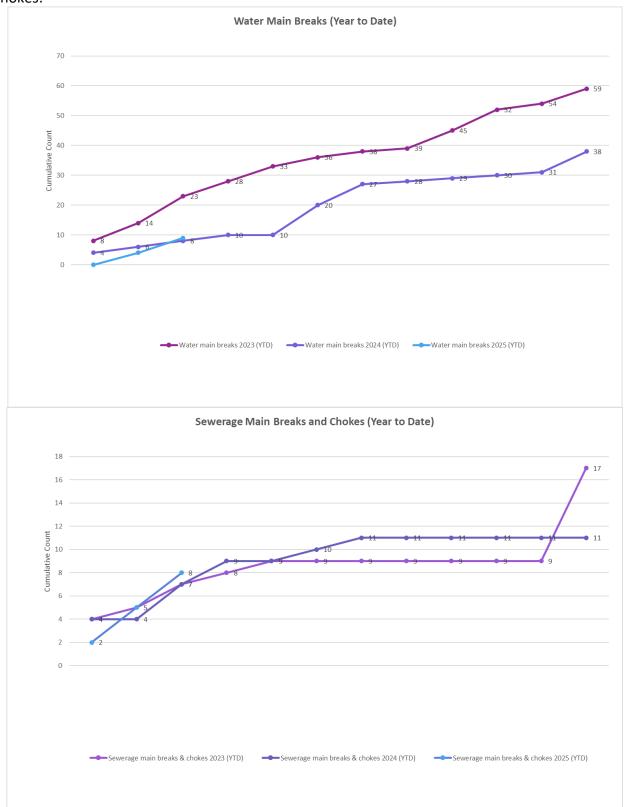
Wastewater Treatment	Mareeba	Kuranda
Wastewater Plant average daily treatment (kL)	3408	261
Number of Connections	3519	356
Average daily inflow per connection (L)	968	734

#### Water and Wastewater Reticulation:

Council's water reticulation crew attended one (1) water main breaks and one (1) sewer main breaks/chokes this month, and average response times were within targets set out in Council's customer service standard for water services.

The temporary solution to address the blockage of the Lloyd Street sewer in Mareeba continues to operate to mitigate wastewater discharges to the Barron River. Tender has been issued for the project works on a long-term solution. The various regulators are satisfied with Council's response to the incident which in now closed out and they have advised that no regulatory action against Council will be taken.

Monthly statistics are shown on the water reticulation main breaks and sewerage main breaks and chokes:



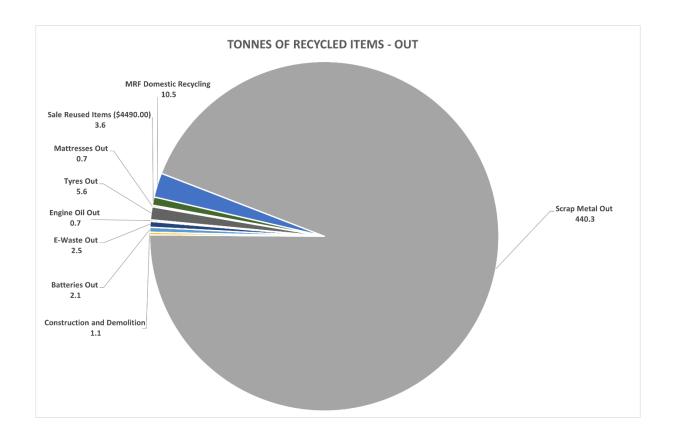
#### **Waste Operations:**

Under normal conditions, waste material collected in Kerbside trucks is transported to the Advanced Resource Recovery Facility (ARRF) in Cairns for processing. Residual waste and waste collected at Transfer Stations is transported to Springmount Waste Facility, and recyclable material is transported to the Material Recovery Facility (MRF) in Cairns for processing.

On 23 January 2025 a fire started on the tipping floor of the ARRF in Cairns, resulting in Veolia being unable to process waste material in accordance with contract 1396.

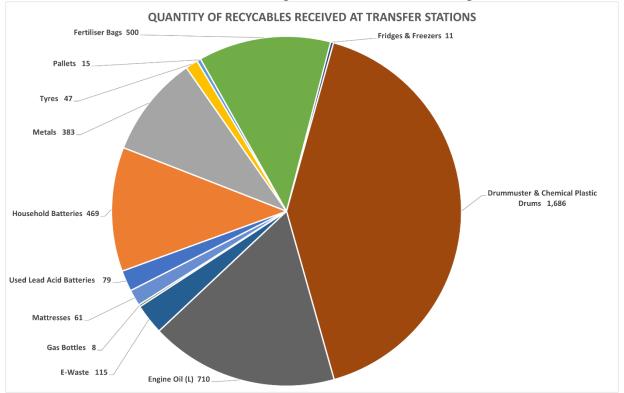
During March all waste collected in kerbside trucks has been transported directly to Springmount Waste Facility rather than being sent down to Cairns for processing. A long-term arrangement is currently being negotiated.

During March, no waste was processed through the ARRF, 699.65 tonnes of waste was sent to Springmount Waste Facility and 10.5 tonnes of domestic items were recycled at the MRF.



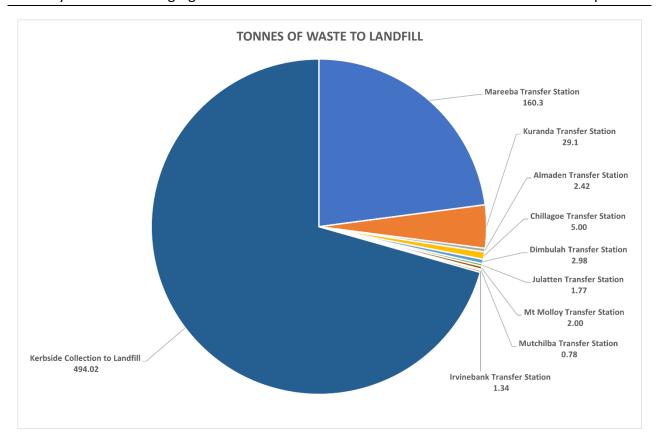
### Recycling

Residents continue to recycle at the Transfer Stations. During March the highest count of recyclable received were 1,686 Chemical drums, 612 Engine oil and 500 Fertiliser bags.



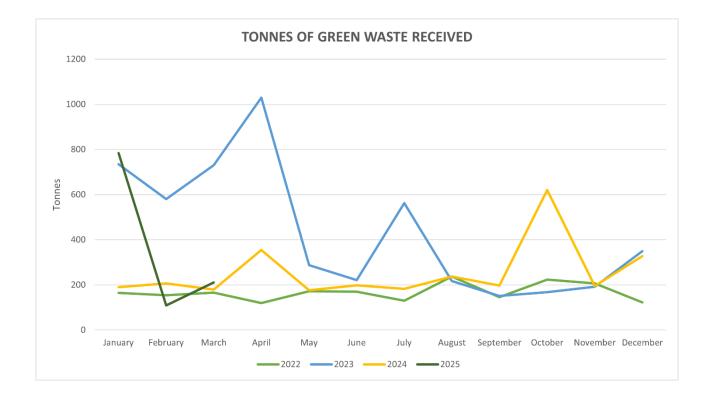
# Kerbside Collection Waste and Transfer Station Waste

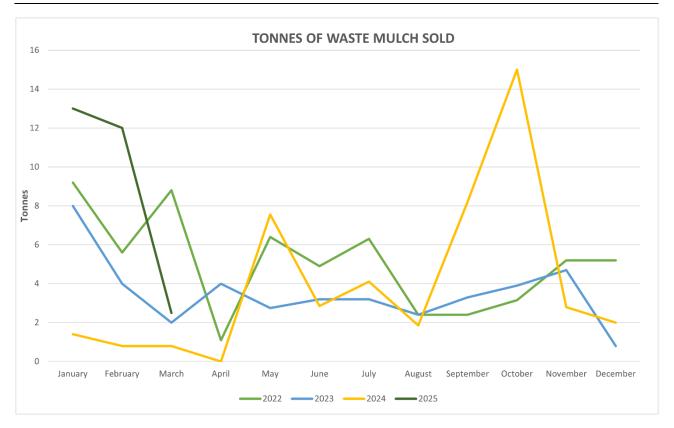
Kerbside collection waste and Transfer Station dry waste is transported off site to the Springmount Waste Facility. During March a total of 699.65 tonnes of waste was sent to landfill from transfer station dry waste and kerbside collection waste. Kerbside collection contributed 494.02 tonnes to landfill, Mareeba Transfer Station contributed to 160.3 tonnes, and Kuranda 29.1 tonnes.



#### **Green Waste:**

During March, Council received a total of 210.58 tonnes of green waste. 2.5 tonnes of mulch was sold. Kuranda recorded 9 tonnes of green waste from locations registered as being potentially contaminated with Electric Ants.





#### **RISK IMPLICATIONS**

#### **Environmental**

Council holds an Environmental Authority issued under the *Environmental Protection Act 1994* to operate landfill facilities.

# LEGAL/COMPLIANCE/POLICY IMPLICATIONS

Nil

#### FINANCIAL AND RESOURCE IMPLICATIONS

### Capital

Nil

# **Operating**

Nil

# LINK TO CORPORATE PLAN

**Financial Sustainability and Governance:** A financially sustainable council that applies strategic decision making and good governance to deliver cost-effective services.

**Transport and Infrastructure:** The provision of quality infrastructure to service our growing community using sound asset management principles.

**Economy and Growth:** Promote and encourage investment in local industry to build a resilient economy.

#### IMPLEMENTATION/COMMUNICATION

Nil

# 9.9 INFRASTRUCTURE SERVICES, WORKS SECTION ACTIVITY REPORT - MARCH 2025

Date Prepared: 19 March 2025

Author: Manager Works

Attachments: Nil

#### **EXECUTIVE SUMMARY**

The purpose of this report is to summarise Council's Transport Infrastructure, Parks and Open Spaces, TMR Routine Maintenance Performance Contract (RMPC) and Land Protection operational activities undertaken by Infrastructure Services during the month of March 2025.

#### RECOMMENDATION

That Council receives the Infrastructure Services, Works Progress Report for the month of March 2025.

#### **BACKGROUND**

A summary of works completed in March 2025 is provided below.

# **Transport Infrastructure**

# **General Maintenance**

The major maintenance activities carried out in March are listed below;

Activity	Location
Unsealed Road Grading	Black Mountain Road, LA Road, Mona Mona Road,
	Armstrong Road, Mt Mulligan Road, Ootann Road
Bitumen Patching	Kuranda, Mareeba, Bilwon, Mutchilba, Myola, Chewko, Arriga,
	Julatten, Koah, Oak Forest, Speewah, Dimbulah
Drainage Maintenance	Black Mountain Road, Top Eureka Road, Mary Jane Drive,
	Pinnacle Road
Tree Clearing	Speewah, Kuranda, Mt Molloy, Julatten, Koah
Herbicide Spraying	Kuranda, Speewah, Koah
Slashing	Dimbulah, Mutchilba, Koah, Speewah, Julatten, Mt Molloy,
	Springmount, Tinaroo Creek Road area
Road Signage	Dimbulah, Mutchilba, Mareeba, Koah, Speewah, Kuranda
Footpath Repairs	Peters Street, Constance Street, Strattmann Street
Illegal Dumping	Sandy Creek, Dimbulah

# **Customer Requests**

During March, the Works Group received 228 Customer Requests (CRs) with 226 resolved (resolved requests include those received prior to March 2025). The table below shows the number of requests lodged per Works Section for the month.

Month	Roads	Parks and Gardens	Pest Management
March	148	66	14

At the time of reporting, the Works Group had 76 open requests.

#### **Emergent Works**

Mareeba Shire Council received advice from the Queensland Reconstruction Authority (QRA) that Disaster Recovery Funding Arrangements (DRFA) has been activated for the North and Far North Tropical Low 29 January – 28 February 2025 event.

The Works Group has commenced emergency repairs on affected roads throughout the Shire.

Activity	Location
Repairs to Scours, Boggy	Hodzic Road, McGrath Road, Black Mountain Road Kuranda,
Sections, Washouts and	Scrub Street, Barron Street, Cedar Park Road, Wright Road,
Drainage Works	Mt Mulligan Road, Thornbrough-Kingsbrough Road, Ootann Road,
	Hales Siding Road, Bischoff Mill Road, Walsh River Road,
	Pedersen Road, Mont Albion Road, James Street, Alice Street,
	Rubina Terrace, Shiffron Road, Jessie Street, Metzger Road.
Pothole Patching (Areas)	Mareeba, Biboohra, Mutchilba, Dimbulah, Kuranda, Koah,
	Speewah, Julatten, Mt Molloy, Watsonville

#### TMR Routine Maintenance Performance Contract (RMPC)

# 32A - Kennedy Highway (Cairns - Mareeba)

- Rest Area Servicing at Edmund Kennedy Bridge
- Boom slashing approaches at Edmund Kennedy Bridge
- Tree trim branches obscuring visibility of large sign at Kenneally Road Intersection

#### 34A - Mulligan Highway (Mareeba – Mt Molloy)

- Cut and poison suckers/regrowth in cuttings along full length of road
- Rural slashing 2 cut width Brady Road to River Road, Biboohra
- Pothole patching at various locations

# 34B - Mulligan Highway (Mt Molloy - Lakeland)

- Rest area servicing at Rifle Creek
- Roadside litter collection at Rifle Creek and Mt Carbine Truck Stop
- Cut and poison suckers/regrowth in cuttings along length of road
- Install new 1 meter flood marker on RHS at Luster Creek
- Check with laser level all flood markers at McLeod River Bridge for accuracy in depth readings
- Pothole patching at various locations
- Install remainder of signs as per 2024 Sign Replacement Project
- Edge repair/widening to eliminate vehicles dropping off the minimum width seal from Desailly Creek to Mt Molloy
- Repair/replace guide markers full length of road, as required
- Emergent Works Event 25J Clearing landslip at Reedy St George bridge

# 653 - Mossman-Mt Molloy Road

- Rest Area Servicing at Hunter Creek
- Roadside litter collection at Hunter Creek, Environ Park and Lyons Park
- Callout to remove fallen trees on Rex Range
- Trim overhanging branches encroaching edge of bitumen from Sides Road intersection to Mt Molloy intersection
- Check with laser level all flood markers at Bushy Creek Bridge for accuracy in depth readings
- Erect road closure signage at Bushy Creek due to flooding and clear debris once water recedes
- Pothole patching at various locations

#### 664 - Mareeba-Dimbulah Road

- Cleaning of drains with backhoe to prevent water over road causing a hazard
- Pothole patching at various locations
- Tree trim overhanging branches obscuring the visibility of sign on LHS Top of Great Dividing Range Elevation 527m
- Replace 1 x Side Road Junction (W2-4B Right) at eastern side of Arriga Road turnoff
- Install Truck (symbol) sign at Ch 17.330 RHS that was damaged by a vehicle

#### 6632 - Herberton-Petford Road

• Light Formation grade Watsonville to Irvinebank

#### 89B - Burke Developmental Road (BDR)

- Eureka Creek Rest Area Servicing and ground maintenance
- Remove HEH Project signs
- Emergent Works Event 25J Taking photos of Emergent works to be completed and completed works

# **Parks and Open Spaces**

Description	Comment
Mowing	Mareeba, Dimbulah, Kuranda, Mt Molloy/Julatten, and Chillagoe mowing is on schedule, mowing every 10 – 12 days as planned.
Playing fields mowing	Davies 1x weekly at 50mm, Borzi 1x week at 25mm, Firth 1x weekly at 32mm.
General maintenance	Herbicide spraying has been done weekly on the areas mowed the week before as the weather permits.
Gurney Crew	Cleaning in the morning for 3 hours, pressure cleaning done at Julatten Tennis Court, and footpath in front of Julatten School.
Playgrounds	Junior swing seat replaced at Mary Andrews; fence screws replaced at 100 Park Liberty swing.
Slashing	Full cycle of slashing complete returning to the Barron River Esplanade.
Burials	Mareeba Cemetery
	Three (3) in-ground interments in Lawn Plaque on Beam
	Three (3) Mausoleum Wall interments

Description	Comment
	Two (2) in ground interments in Headstone on Beam.
	Dimbulah Cemetery
	One (1) Mausoleum Wall interment
	Chillagoe Cemetery
	One (1) in-ground Full Grave Slab.
LOA	LOA prisoners at the Mareeba Cemetery and Pioneer Cemetery
Fire Management	Herbicide fire breaks at Chillagoe Transfer Station, Contractor Mulching along Barron Esplanade for fire breaks.

#### **Land Protection**

**Parthenium Weed:** Inspections carried out on all sites. All landholders are complying with their biosecurity obligation.

**Amazon Frogbit:** Sentinel site surveys carried out along Two Mile Creek in the Mitchell River catchment. No frogbit detected. Frogbit foliar sprayed in the Mareeba Lakes, Olive Hymenachne and Para Grass also treated to allow for follow up treatment next month.

**TMR works:** Giant rats tail grass - Boom spray on TMR roadside Mareeba to Dimbulah and Kennedy Highway Mareeba to TRC boundary using selective herbicide Flupropanate.

**Giant rats tail Grass:** Council roadside boom spraying on council-controlled roads between Mareeba and Dimbulah using selective herbicide Flupropanate.

Feral Pigs: Total of 14 pigs trapped in Mt Molloy and Koah areas.

**Wild dogs:** Several landholders in peri urban area of Mareeba have reported wild dogs attacking poultry and domestic dogs where baiting is not a control option, motion activated cameras set to monitor dog movements. Monitoring is ongoing.

**Pest management advisory committee (PMAC):** Council held the first PMAC meeting for the year at Mareeba Library. Minutes are being tabled under a separate report.





Pig damage done overnight in residents back yard

Giant rats tail grass Arriga

#### FINANCIAL AND RESOURCE IMPLICATIONS

#### **Operating**

All operational works are funded by the section specific 2024/25 maintenance budgets.

#### LINK TO CORPORATE PLAN

**Financial Sustainability and Governance:** A financially sustainable council that applies strategic decision making and good governance to deliver cost-effective services.

**Community and Culture:** An informed, engaged and resilient community which supports and encourages effective partnerships to deliver better outcomes.

**Transport and Infrastructure:** The provision of quality infrastructure to service our growing community using sound asset management principles.

**Liveability and Environment:** Improve the liveability of the Shire by enhancing amenity and valuing natural assets.

**Economy and Growth:** Promote and encourage investment in local industry to build a resilient economy.

# IMPLEMENTATION/COMMUNICATION

Nil