Infrastructure Services Committee Agenda

12 March 2024 at 12.30pm



To All Councillors

You are hereby notified that the next meeting of the Infrastructure Services Committee will be held on 12 March 2024 in the Council Chambers at 12.30pm, for the purpose of transacting the undermentioned business.

This meeting will be audio recorded and those in attendance should refrain from making any defamatory statements.

There are to be no other recordings of this meeting without the prior authorisation of the committee.

The Infrastructure Services Committee consists of

Cr Ron Campbell (Chair), Cr Tayah Clout, Mayor Maurice Collison and Cr Allison McPhee.

GREG MCDONALD
GENERAL MANAGER

ACKNOWLEDGEMENT OF COUNTRY

I would like to show respect and acknowledge the traditional owners and custodians of the land and of elders, past, present and future, on which this meeting takes place.

- 2. APPLICATIONS FOR ATTENDING MEETING VIA VIDEO LINK
- 3. APOLOGIES
- 4. DISCLOSURES OF INTEREST
- 5. PUBLIC PARTICIPATION
- 6. BUSINESS ITEMS

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Infrastructure Services

INFRASTRUCTURE SERVICES REPORTS

ISC.03.1 WORKS PROGRAM - INFRASTRUCTURE SERVICES -

WATER AND SEWER

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Grahame Wilson - Manager Water & Sewer

PURPOSE

The purpose of the report is to provide an update on major works undertaken by the Water and Sewer team over the previous month and works planned for the upcoming month.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

The report provides information regarding the operations, capital projects, maintenance and other activities in the area of Water and Sewer.

REPORT/PROPOSAL

Water and Sewer Corporate KPIs for the month and year-to-date are discussed below.

				KPIs	•			
ltem	Description	Unit	Monthly Target	YTD Target	Annual Target	Monthly Actual	Actual YTD	Comments
Water Services	Supply of potable water for customers within Council's testing methods	%	98	98	98	100	100	On track. All water quality standards met
Water & Sewer Services	Water and sewer asset renewal as a percentage of depreciation	%	100	100	100	201	215	On track for the FY
Water & Sewer Services	Capital Works completed	%	80	80	80	55	96	On track for the FY

Recycled water is still being used at 100%, with annual use at 96%. There have been no complaints in the sewer and water areas this month.



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Scone Water Treatment Plant (Joint with Muswellbrook Shire Council)

DPIE has recommended that the next step in the water treatment process is a Town Water Strategy. This could be an extensive strategy that may help both councils to analyse the viability of the water treatment plant in a specific location. UHSC water team are reviewing / discussing the brief with Muswellbrook Council to formulate the next step forward regarding this grant funding.

Scone Sewage Treatment Plant

The tenders for sludge removal have been received and are being assessed with the report to Council to award the contract expected this month. The physical works will occur next financial year.

Council officers identified some significant cracks in the storage dam walls. These have been assessed by a geotechnical expert and was found to be non-critical for the dam operations. There will be some minor earthworks repairs which will not affect the operations. The assessment of works required continues.

Council has tendered for two processes that are required to precede the design of the new Sewage Treatment Plant. There is grant funding available from Safe and Secure Water Program (SSW) for this study with 60%-40% contribution from SSW and Council respectively. These are "Receiving Water Study" which will confirm the effects of the release of effluent water and a "72 influent test" that confirms the liquids entering the plant over a three day period. These studies are likely to take around 4 months to complete.

Sewer Relining Program

Relining is planned to recommence with Abergeldie over the next 4 months with the repair of 2.7km of sewer mains. The contractual part of the relining and pre-works are being undertaken now.

Water Main Renewal Work

Water main replacements are completed for this FY. There was \$2.05M budgeted and only \$1.05M will be spent this year with the remaining funding in the budget returned to the Water reserve. It is noted that the overall water and sewer asset renewal KPIs have been exceeded for this FY.

Integrated Water Cycle Management Plan

The Integrated Water Cycle Management Study is a work that identifies the issues with our water and sewer systems and then provides an analysis of options. This was work required by DPIE as part of local water/sewer utility planning and has been paid under a grant funded project with council contribution.

The first part of the process is the "Issues Paper" which is two addendums, being the 2019 pre-work that contains the detail and the 2024 updated analysis. The reviewed Issues Paper is complete in its final draft form, being reviewed by DPIE and is supplied to this committee for comments (response required by 18 March 2024) to Manager Water & Sewer.

The options report will be provided to Councillors on LG Hub as an attachment and is in early draft form with the final document still several months away from being completed.



Infrastructure Services

Village Water Supply - Parkville / Wingen / Blandford

Water filling stations are complete and in operation. The water stations are being communicated via Council's website page. The water usage and charges received are being monitored.

Scone to Murrurundi Pipeline

Some easements are yet to be resolved. These are in the legal process, one waiting on probate, and are likely to be resolved in the next few months.

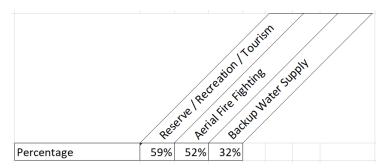
Glenbawn Dam Pipework Discharge

The Glenbawn Dam pipe discharge remains a high risk and the investigation is continuing. Modelling of the loads has been completed by PWA. Concept designs have commenced and will be delivered in the following months.

Murrurundi Dam

Based on the request from Murrurundi CAC, the consultation period has been extended to 8 March 2024. The consultation summary is expected to be presented to the Infrastructure Committee in April 2024.

As at 1 March 2024 there were 62 responses based around the following categories. Note, most people suggested multiple categories hence the total percentage adds to more than 100%.



OPTIONS

- 1) To note the report.
- 2) To reject the report.

CONSULTATION

- General Manager
- Director Infrastructure Services
- Manager Water and Sewer
- Manager Finance
- Engineer Water and Sewer Distribution
- Engineer Water and Sewer Treatment

STRATEGIC LINKS

a. Community Strategic Plan 2032

This report links to the Community Strategic Plan 2032 as follows:



Infrastructure Services

Thriving Economy

Strengthening our vibrant industries and economy while seizing emerging opportunities.

3.3 Provide attractive and functional town centres and support revitalization of the towns and villages including investment in built heritage and improvement of existing buildings.

Responsible Governance

Providing efficient and responsible governance in order to effectively serve the community.

- 5.12 Provide timely and effective advocacy and leadership on key community issues and priorities.
- 5.3 Effective financial and asset management to ensure Council's long-term sustainability.
- 5.2 Council is focused on innovation and continuous improvement to ensure a high quality of service which is aligned with business needs and community priorities.
- 5.6 Develop and maintain effective reporting systems that enable Council to measure and report on performance.

b. Delivery Program

- Supply and maintenance of reticulated potable and rural water supplies
- A water quality monitoring service to safeguard the public health as per NSW Health requirements
- Asset replacement and renewal program and planning
- Continued investigations into requirements to ensure that an adequate water supply can be maintained into the future
- An Integrated Water Cycle Management strategy (IWCM)
- A service that is supportive of providing affordable access to residents Other Plans Asset Management Plans.

IMPLICATIONS

a. Policy and Procedural Implications

Maintenance guidelines as identified within Service Levels, Asset Management Plans and Strategic Plans.

b. Financial Implications

Nil

c. Legislative Implications

- Protection of the Environment Operations Act 1997
- Water Management Act 2000
- Public Health Regulation 2012

d. Risk Implications

Road and asset inspections are undertaken to mitigate and minimise Council's risk exposure in these areas.

e. Sustainability Implications

Nil



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f. Other Implications

Nil

CONCLUSION

Water & Sewer KPIs are on track. Recycled effluent water continues to be used at a high level due to the current dry conditions. The Glenbawn Dam pipe discharge remains a high risk and the investigation is continuing. Murrurundi Dam's consultation process will continue to 8 March 2024 with a report of submissions to be reported at the next Infrastructure Services Committee meeting.

ATTACHMENTS

- 1 UHSC Integrated Water Cycle Management (IWCM) Issues Paper Report Excluded ~ Public Works Advisory (PWA) (To be read with Addendum)
- 2 UHSC Integrated Water Cycle Management (IWCM) Issues Paper Excluded Addendum Final February 2024



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ISC.03.2 WORKS PROGRAM - INFRASTRUCTURE SERVICES -

WORKS DELIVERY

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Jayarajah Jeyakanthan - Executive Manager Works Delivery

PURPOSE

The purpose of the report is to provide an update on the Works Delivery Program undertaken over the previous months and what is planned for the upcoming month.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

The report includes information on Infrastructure Services work including roads, bridges, and parks. The report provides information to assist in addressing enquiries regarding construction and maintenance works.

REPORT/PROPOSAL

The following table indicates the progress against the maintenance KPIs for 2023/24. Attachments 1 & 2 provide the Grading and Re-sheeting Program's progress and Attachment 3 provides the updated Heavy Patching Program for FY23-24.

Year to date is for the period at the end of February 2024.

Item	Unit	Monthly Target	YTD Target	Annual Target	Monthly Actual	YTD Actual	Comments
80% Capital Works Completed	%	6.6	52.8	80	8.42	47.83	Monthly target achieved. YTD target slightly off track – pending some invoices to be paid.
90% Maintenance Completed	%	7.5	60.0	90	6.71	56.45	Slightly below YTD Targets
95% of Customer Complaints closed within 14 days	%	95	95	95	97.5	77	Off track due Christmas shutdown period.

Key Activities

UHSC Damages Claim AGRN 987 (Event 6)

Damages claim **AGRN 987** relates to the storm event of 6 November 2021 (Event 6) and includes **683** identified damages across Council's road network.

EW (Emergency Works) and IRW (Immediate Reconstruction Works) were undertaken within 3 months of the storm event. A claim was submitted to Transport for NSW for reimbursement of these expenses. TfNSW has requested further clarification on certain things and council staff are working to provide that information.



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AGRN 987 Essential Public Asset Reconstruction (EPAR) response application was submitted to TFNSW on 6 October 2022 and clarification is sought by TfNSW. Council will soon resubmit the claim with revised ledgers.

TFNSW has given the approval to proceed, with a letter sent to Council on 13 December 2022 advising that funding of \$2,971,840 has been approved.

Works are ongoing on damage site to repair the flood-damaged roads in the EPAR claim and the completion of works are being recorded in the recovery database. Council has completed 30% of works to date and has requested TfNSW for extension of EPAR works delivery for all three events by 9 months due to the unavailability of contractors and administrative delays caused by TfNSW and to give us ample time to complete the works.

Damages Claim for UHSC (AGRN 987) - Design and Construction Package

Following severe weather events in late 2021, erosion and road degradation occurrences on various locations within the upper hunter networks were prevalent. With most of the minor road damage now resolved, there are several larger sites requiring larger scale remediation.

Inspection of the sites has shown a combination of rain infiltration and a large volume of water run-off that has caused both the road to fail and the surrounding embankments to erode.

Council has evaluated proposals from the tendered qualified and experienced contractors for the design and construction package and approved by TfNSW. The works to be achieved by constructing the new culverts and all other adjoining infrastructure, such as but not restricted to pavement, vertical geometry, pavements for approaches, head & wing walls, guard rails/wire rope, head & wing walls, culverts inlets and outlets, rock protection, traffic signs in the vicinity of the culverts, etc.

The list of sites are as follows:

- Ashbrooke Road
- Coulson's Creek Road x 2
- Ridgeland's Road
- Rouchel Road x 2

TfNSW has approved a total cost of \$1,546,782.44 including project management and Council has awarded Tender 01/2024 to Civilwise Pty Ltd for the AGRN 987 Flood Recovery Works Design & Construction Package on 2nd Feb 2024. Inception meeting with the contractor was held on 6th Feb 2024 to review work locations, contract particulars and to confirm the proposed scope of works. Design is currently underway.

UHSC Damages Claim AGRN 1012 - Landslip on the Barrington Tops Forest Road

Upper Hunter Shire Council (UHSC) working with TfNSW Natural Disaster team to commence remediation and repair work on a landslip located on Barrington Tops Forest Road that occurred following an exceptional rainstorm event during March 2022. The Road is identified as Regional Road 29, Barrington Tops Forest Road and the landslip is located approximately 17km NE from Moonan Flat.

Evidence has shown a large volume of water has filled and scoured the table drain on the southern side of the road, traversing across the road, and flowing over the road embankment.

Inspection of the site has shown a combination of rain infiltration, and a large volume of water run-off has caused the failures. The largest failure is in the form of a large slip on the western side of the site (down-hill), where a large amount of the road embankment has collapsed.



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Water run-off together with rain infiltration has saturated the embankment material resulting in the major slip. This is in the order of thousands of tonnes of material which has slumped off the embankment into the valley below.

On the eastern end of the site (up-hill) a large volume of water has crossed the road from the table drain on the other side, scouring a path across the road and over the edge, causing significant erosion of the road embankment, washing away material from under the edge of the road.

In addition to these failures, a few minor cut slips were observed east of this site, caused by the cut faces becoming saturated.

The Council has completed the geotech investigation and re-design from qualified and experienced consultants. Further, council has received market responses from Tenderlink in the vicinity of \$4M to deliver this remediation to pavement, vertical geometry, guard rails/wire rope, culverts inlets and outlets, rock protection, traffic signs, etc. This project has been submitted to TfNSW and is currently being reviewed for approval. No further updates in this reporting period.

UHSC Damages Claim AGRN 1012 (Event 7) Cullingral Road (Crown Reserve)

Council has estimated the value of the damages claim to be \$41,100.00. The EPAR application was submitted to TFNSW on 12 January 2023 and has been approved.

Approved works have been completed by Council engaged contractors sealing 950m section of Cullingral Road. Claiming is currently in progress.

UHSC Damages Claim AGRN 1034 (Event 8)

TFNSW has given the approval to proceed with a letter sent to Council on 26 June 2023 advising that funding of \$1,250,380.00 has been approved.

Approved works are being undertaken in conjunction with scheduled maintenance program. The expenditure to date is \$18,000.

Fixing Local Roads Pothole Repair

Council has successfully completed works under the NSW Government Fixing Local Roads Pothole Repair Grant to the sum of \$591,431.97. Works included routine and corrective maintenance of potholes in rigid and flexible pavements, sealed and unsealed roads. Staff concentrated on corrective maintenance across our sealed road network due to the number of hazardous sections requiring urgent attention particularly on MR62, Scone Road at Murdering Hut Gully. Council is currently working on scoping the project.

Regional & Local Roads Repair Program

Council has been successful in securing funding from the NSW Government under the Regional & Local Roads Repair Program to the sum of \$3,200,739.00.

Council staff and contractors are working together to deliver these programs in 2023 and 2024. All minor failures which were identified have now been reworked and crews are now continuing on with the remainder of the program. To date, 15,988.70m2 of insitu stabilisation has taken place on our road network under this program.

In September 2023, the NSW Government announced the Regional Emergency Road Repair Fund (RERRF). The RERRF supports councils across regional NSW to fix damaged roads



Infrastructure Services

and ensure the road network our regional communities rely on every day is dependable, smooth and safe.

This fund will provide an additional \$390 million to 95 regional Local Government Areas (LGAs) in NSW to continue vital repair and maintenance work and builds on the \$280 million allocated to regional NSW councils through the RLRRP. To date, Council has received the funding deed of additional \$4.4M to be used in our maintenance programs for the next four years (up to September 2027). Council is currently preparing the annual programme list to be submitted to the TfNSW.

Causeways Betterment Program (Category D)

Council has been successful in getting in-principle funding approval from NSW Government under the Regional & Transport Recovery Package to the sum of \$1,872,00.00. However, we haven't received the funding deed yet. Tender documentation will be prepared as the next stage. The project will provide concrete causeways to replace 35 existing gravel causeways across the Upper Hunter Shire. Specialist contractor has been involved in delivery and project management for this work and there is currently ongoing negotiations happening with TfNSW. No further updates in this reporting period.

Stormwater Betterment Program (Category D)

Council has been successful in getting in-principle funding approval from NSW Government under the Regional & Transport Recovery Package to the sum of \$698,490.00. However, we haven't received the funding deed yet. Tender documentation will be prepared as the next stage. The project will provide upgraded stormwater drainage for 44 road crossings across the Upper Hunter Shire. Specialist contractor has been involved in delivery and project management for this work and there is currently ongoing negotiations happening with TfNSW. No further updates in this reporting period.

Request for Council contribution for Scone Memorial Pool upgrades

Council has previously provided a letter of support to Scone Swimming Club and Community Aquatics to apply for a grant funding to secure approximately \$170,000 worth of pool equipment including lane ropes with reels, starting blocks, public furniture (picnic tables, 3-tier grandstands, BBQ) and thermal pool cover with winch. However, Scone Community Club and Community Aquatics are requesting a council co-contribution of \$15,000 to support this as grant funding will not cover everything. Council staff have identified that there will be a value-add in having these pool equipment and it will remain as a council asset for future use. There will be a separate report provided in April 2024 Council meeting for the council to make a decision on this.

OPTIONS

- 1) To note the report.
- 2) To reject the report.

CONSULTATION

- General Manager
- Director Infrastructure Services
- Executive Manager Works Delivery
- Supervisors and Team Leaders



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STRATEGIC LINKS

a. Community Strategic Plan 2032

This report links to the Community Strategic Plan 2032 as follows:

Connected Community

Developing and deepening connections of people to each other and their community.

1.5 Advocate for, support and provide services and facilities for the community.

Protected Environment

Ensuring the ongoing protection of our environment and natural resources.

- 2.4 Implement and regularly review Strategic Land Use Plans, Environmental Planning Instruments and Development Controls, which reflect the needs and expectations of the broad Community.
- 2.6 Plan, facilitate and provide for a changing population for current and future generations.

Thriving Economy

Strengthening our vibrant industries and economy while seizing emerging opportunities.

3.3 Provide attractive and functional town centres and support revitalization of the towns and villages including investment in built heritage and improvement of existing buildings.

Quality Infrastructure

Maintaining and developing our infrastructure network to meet the ongoing needs of our population.

- 4.1 Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
- 4.2 Provide inviting public spaces that are clean, green, properly maintained, well designed, encourage active participation, family friendly and accessible to all.
- 4.4 Upgrade and maintain the road network and bridges.
- 4.5 Advocate and improve access to communication services.

Responsible Governance

Providing efficient and responsible governance in order to effectively serve the community.

- 5.12 Provide timely and effective advocacy and leadership on key community issues and priorities.
- 5.3 Effective financial and asset management to ensure Council's long-term sustainability.

b. Delivery Program

- A parks and open space maintenance program across Council
- A program to upgrade or replace parks and playground equipment to meet safety standards
- Maintained sporting grounds and venues
- Resources to seek grants for the development of sporting and recreational facilities through Government and private sources
- Swimming pools that are well maintained
- Management of lease contracts for all pools
- Compliance with Water Safety legislation and Best Practice Guidelines
- A service that is supportive of providing affordable access to residents
- A service that is supportive of providing affordable access to residents



Infrastructure Services

c. Other Plans

Asset Management Plans.

IMPLICATIONS

a. Policy and Procedural Implications

Parks, Sporting Fields, Footpath, Road and Bridge maintenance guidelines as identified within Asset Management Plans and Strategic Plans.

b. Financial Implications

Identified within individual items in the 2023/24 budgets.

c. Legislative Implications

Not applicable

d. Risk Implications

Road and asset inspections are undertaken to mitigate and minimise Council's risk exposure in these areas.

e. Sustainability Implications

Nil

f. Other Implications

Nil

CONCLUSION

Some YTD KPIs are off track due to competing projects and the reallocation of resources into flood damage repair work and the capital works program. Currently, the focus of the Works Delivery team is on Capital Works projects, specifically the Moonan Brook Road and Barrington Forest Road initial seals.

ATTACHMENTS

- 1 Grading Program
- 2. Resheeting Program
- 3 Heavy Patching Program

Upper Hunter Shire Council Grading Program 2023/24

Task Name	Length	Hierarchy	times/yr	ZONE	km To Grade	Days	Duration (Days)	Start	Finish	Actual Start	Actual Finish	30/06/2023	14/0//2023	11/08/2023	25/08/2023	22/09/2023	6/10/2023	3/11/2023	17/11/2023	15/12/2023	29/12/2023	26/01/2024	9/02/2024	8/03/2024	22/03/2024 5/04/2024	19/04/2024	17/05/2024	14/06/2024	28/06/2024 12/07/2024
Merriwa						_		Start	Finish			ш			_			\perp		_		\perp		\perp				44	
Summer Hill Rosebud	10.3	Rural 1 Rural 4	0.5	y V	20.6	5.7	5.5	Tue 1/08/23 Wed 9/08/23	Wed 9/08/23 Wed 9/08/23	1/08/2023 9/08/2023	8/08/2023 9/08/2023	\vdash	-		+	+	-	+	-	+	+	+	-	+	_	\vdash	+	+	+
Worondi		Rural 3	1	y	3.23			Thu 10/08/23	Fri 11/08/23	8/09/2023	12/09/2023		-				_	+		+		-			_			+	+
Glen Ruby		Rural 4	0.5	у	0.99			Mon 14/08/23	Mon 14/08/23	16/08/2023	22/08/2023			J															
Glenroy		Rural 3	1	у	6.4			Mon 14/08/23	Thu 17/08/23	28/09/2023	10/10/2023									_								44	
Flaggs		Rural 2 Rural 4	0.5	y v	15.45 8			ri 18/08/23 Thu 31/08/23	Thu 31/08/23 Thu 31/08/23	25/07/2023	4/08/2023		_		₩-	+-	-	+	-	+	\vdash	+	+	++	-	\vdash	++	++	
Westwood		Rural 3	1	y	2.59			ri 1/09/23	Tue 5/09/23	8/08/2023	15/08/2023				////					+								$\pm \pm$	\rightarrow
Witneys		Rural 4	0.5	у	0.155			Tue 5/09/23	Tue 5/09/23	5/09/2023	5/09/2023																		
Old Scone Webimble		Rural 3 Rural 4	0.5	У	1.66 (Ned 6/09/23 Thu 7/09/23	Wed 6/09/23 Thu 7/09/23	30/08/2023 29/08/2023	30/08/2023 29/08/2023	₽₽	+	Н	-	+-	-	+	-	+	\vdash	+	-	++	-	-	+	+++	-
Dales Creek		Rural 3	0.5	y V	16			Thu 7/09/23	Thu 21/09/23	17/08/2023	24/08/2023		+			w	-	+		+		+	-		_		+	+	+
Cockatoo Gap	1.21	Rural 4	0.5	y	0.605			Thu 21/09/23	Thu 21/09/23	13/09/2023	13/09/2023																		
Gummum		Rural 2	1	у	5.5	3.1		ri 22/09/23	Tue 26/09/23	21/06/2023	7/07/2023			Ш						1								44	\perp
Middle Creek Middle Creek		Rural 3	0.5	y v	13.5 0.425 (7.5		Wed 27/09/23 Mon 9/10/23	Mon 9/10/23 Mon 9/10/23	15/09/2023 15/09/2023	25/09/2023	+	+	Н	-		₩-	+	-1-	+	H	+	-	++	+	H	++	++	+
Inglewood		Rural 4	0.5	y	0.225			Mon 9/10/23	Mon 9/10/23	25/09/2023	25/09/2023	Ħ	+	Ħ			₩-	+	-1-	t	H	+	+	+	\top	H	+	+	+
Cream of Tartar	2.8	Rural 4	0.5	у	1.4).8	1	Tue 10/10/23	Tue 10/10/23	26/09/2023	28/09/2023																	I	T
Judy Kelly		Rural 4	0.5	У	1.185 (Ned 11/10/23	Wed 11/10/23	27/09/2023	28/09/2023	\vdash		Н	4			+		+	\vdash	\perp	_	+	4	$\vdash \vdash$	++	44	4
Settlement Lane Depot		Rural 4 Rural 3	0.5	y V	0.125 (1.09 (Wed 11/10/23 Thu 12/10/23	Wed 11/10/23 Thu 12/10/23	10/10/2023 6/09/2023	10/10/2023	+	+	Н	-	+		+	-	+	\vdash	+	-	+	+	$\vdash\vdash$	++	+	+
Mountain Station		Rural 1	2	y	6.22			Thu 12/10/23	Fri 13/10/23	27/09/2023	29/09/2023	Ħ	+	Ħ			₩-	+	-1-	t	H	+	+	+	\top	H	+	+	+
Cullingral		Rural 3	1	у	5.7			Tue 17/10/23	Thu 19/10/23	10/10/2023	10/10/2023																		
Tunbridge Leitch		Rural 3 Rural 4	0.5	y V	7.83	1.4		ri 20/10/23 Thu 26/10/23	Thu 26/10/23 Thu 26/10/23	10/10/2023	10/10/2023	₽₽	+	\vdash	-	+-	-#	—	-	+	\vdash	+	-	++	-	-	+	+++	-
Duggan		Rural 4	0.5	y V	0.2			ri 27/10/23	Fri 27/10/23	10/10/2023	10/10/2023			H	_		- #			+		+						$\pm \pm$	
Avocado	6.6	Rural 3	1	у	6.6	3.7	3.5	ri 27/10/23	Thu 2/11/23	3/10/2023	9/10/2023																		
Forest Reserve Rothbury		Rural 3	0.5	У	6.9 1.35	3.8		Fri 3/11/23 Thu 9/11/23	Wed 8/11/23 Thu 9/11/23	23/08/2023 9/10/2023	8/09/2023 11/10/2023	\vdash	_					₩.			-	+	_	++	_		+	+	+
Killoe		Rural 2	0.5	y V	5 2	1.8		ri 10/11/23	Wed 15/11/23	11/10/2023	13/10/2023			H	_			- ****		+		+						$\pm \pm$	
Flight Springs	8.8	Rural 1	2	у	17.6	1.9	5	Γhu 16/11/23	Wed 22/11/23	17/10/2023	31/10/2023																		
Killoe		Rural 4	0.5	у	2.2			Thu 23/11/23	Thu 23/11/23	11/10/2023	13/10/2023				_	_				_		\perp						44	
Possum Springs Springfield		Rural 4 Rural 4	0.5	y	1.15 (0.95 (ri 24/11/23 ri 24/11/23	Fri 24/11/23 Fri 24/11/23	1/11/2023	3/11/2023 11/10/2023	++	+	Н	+	+	_		₩-	+		+	-	+	+	-	+	+	+
Gum Ridge	1.1	Rural 4	0.5	y	0.55).3		Tue 28/11/23	Tue 28/11/23	11/10/2023	11/10/2023			H	_	+		1	₩-		H	\pm	_	+				+++	$\pm \pm$
Sunnyside		Rural 3	1	у	4.37			Tue 28/11/23	Thu 30/11/23	11/10/2023	11/10/2023	ш			_				M			-						1	\equiv
Krui Mount Erin		Rural 4 Rural 3	0.5	У	1.1 (ri 1/12/23 ri 1/12/23	Fri 1/12/23 Fri 15/12/23	11/10/2023 7/12/2023	11/10/2023 17/01/2024	+	_	Н	+	+		+				-	-	+	_		++	+	+
Alyndale		Rural 4	0.5	y	0.4			Mon 18/12/23	Mon 18/12/23	17/01/2024	17/01/2024			H	_	+		Ħ					_	+				+++	$\pm \pm$
Idaville		Rural 1	2	у	6.66			Mon 18/12/23	Tue 19/12/23	11/10/2023	12/10/2023													Ш				ш	ш
Roma		Rural 3	1	У	11.4			Wed 20/12/23	Mon 15/01/24 Tue 23/01/24	4/12/2023 12/10/2023	6/12/2023 1/11/2023	\vdash	_		_	-						—	_	++	_		+	+	+
Hampshire Lettybrook		Rural 2 Rural 4	0.5	у	9.91			Mon 15/01/24 Wed 24/01/24	Wed 24/01/24	00/00/2023	00/00/2023	+	_	Н	+	+	_		-	+		₩—	-	+	_		++	+	+
Redwell	9.9	Rural 4	0.5	y V	4.95			Ned 24/01/24	Mon 29/01/24	13/07/2023	21/07/2023				+	+		\top	-	1	-		+	+	_		+	+	+
Binks		Rural 3	1	у	3.1		1.5	Mon 29/01/24	Tue 30/01/24	00/00/2023	00/00/2023																		
Neverfail Hulks		Rural 4 Rural 3	0.5	y v	1.8			Ned 31/01/24 Thu 1/02/24	Wed 31/01/24 Tue 6/02/24	00/00/2023 23/11/2023	00/00/2023 28/11/2023	\vdash	_		_	-	_				-	-	_	++	_		+	+	+
Wollar		Rural 2	1	y V	18.7			Ned 7/02/24	Thu 22/02/24	7/11/2023	22/11/2023			H	+	+				+		-		+	_		+	+	+
Pembroke	12	Rural 2	1	у	12	5.7	6.5	Thu 22/02/24	Fri 1/03/24	4/12/2023	17/01/2024																		
High Park Pembroke		Rural 4 Rural 3	0.5	У	0.185 (Tue 5/03/24 Tue 5/03/24	Tue 5/03/24 Thu 14/03/24	00/00/2023 4/12/2023	00/00/2023 17/01/2024	\vdash	+	Н	+	+-	+	+					-#		+	$\vdash\vdash$	++	+	+
Comiala		Rural 2	1	у	6.83			Mon 25/03/24	Thu 14/03/24 Thu 28/03/24	22/01/2024	24/01/2024	\vdash	+	H	+	+	+	+								\vdash	+	++	+
Kruilaya		Rural 4	0.5	у	0.35		0.5	ri 29/03/24	Fri 29/03/24	00/00/2024	00/00/2024																	I	T
Willy Wally Wyoming		Rural 4 Rural 4	0.5	У	0.85 (1.65 (Fri 29/03/24 Tue 2/04/24	Fri 29/03/24 Tue 2/04/24	00/00/2024	00/00/2024	₽₽	+	\vdash	-	+-	-	+	-	+	\vdash	+	-	+	₩—	-	+	+++	-
Borambil Racecourse		Rural 3	0.5	y	3.87			Ned 3/04/24	Thu 4/04/24	25/01/2024	29/01/2024		+	\vdash	-		-	+		+			-	+	₩—		+	+	+
Bulgin	1.1	Rural 4	0.5	у	0.55).3	0.5	ri 5/04/24	Fri 5/04/24	00/00/2024	00/00/2024																		
Darkwood		Rural 3	0.5	У	5.6 3.35	3.1		ri 5/04/24 Wed 10/04/24	Wed 10/04/24 Fri 12/04/24	30/01/2024 6/02/2024	2/02/2024				_	-			_	-				1			-	44	_
Willungra		Rural 4	0.5	y v	2 :			Fri 12/04/24	Tue 16/04/24	00/00/2024	00/00/2024		+	\vdash	-		-	+		+			-		-***		+	+	+
Cattle Creek		Rural 4	0.5	ý	6.7	3.7	3.5	Tue 16/04/24	Fri 19/04/24	19/07/2023	27/07/2023																		
Cooba Bulga		Rural 3	1	у	14.8			Mon 22/04/24	Thu 2/05/24	11/07/2023	18/07/2023	μſ		H	4	╀		+1		+	HĒ	\Box	-#	+1			ĻF	44	41
Rotherwood Yarrawonga		Rural 2 Rural 3	1	y	13			Fri 3/05/24 Thu 16/05/24	Tue 14/05/24 Thu 23/05/24			+	+	Н	+	+	+	+		+	+	+	+	+	+			++	+
Martin's Lane		Rural 2	1	y	1.4	0.8		Thu 23/05/24	Fri 24/05/24			Ħ	+	H	1	+	$^{-1}$	+	-#-	T		\top	-	\Box	1		~	$\pm \pm$	+
Coolah		Rural 3	1	у	8.3			ri 24/05/24	Fri 31/05/24			ш	T	П	Ŧ	Τ	1	П			П	П		П		П		Д	Д
Yallambie Cooinda		Rural 4	0.5	y	0.45 (Mon 3/06/24 Mon 3/06/24	Mon 3/06/24 Mon 3/06/24			+	+	Н	+	+	+	+		+	+	+	+	+	+	\vdash	++	++	+
Stotts Lane		Rural 4	0.5	y	0.8).4		Tue 4/06/24	Tue 4/06/24	16/08/2023	16/08/2023	世	±		⇉	L			<u> </u>	t	ш	Ħ	ᆂ	ш	土	世	ш	力	丗
Neeleys Lane		Rural 4	0.5	У	2.05			Tue 4/06/24	Wed 5/06/24	10/08/2023	15/08/2023	П	Ŧ		Ŧ		Ŧ	\blacksquare	T	F	H	П	Ţ	П	Ŧ	H	П	47	耳
Tangaratta Idaville		Rural 4 Rural 1	0.5	y	0.2 (6.66			Ned 5/06/24 Fri 14/06/24	Wed 5/06/24 Mon 17/06/24			++	+	Н	+	+	+	+		+	H	+	-	++	-	\vdash	+		+
	3.33				0.30		2	yy				ᆸ	±		士	t	I		ᆂ	t	Ħ	Ħ	⇉	世	ᆂ	世	##		\pm
Murrurundi		Durant 2			1			F 1 (00 (22	Tue 1 (00 (22			ш	#	Н	4	1	4	+1	4	+	НΓ	\Box	-#□	\sqcup	\perp	H	$+\Gamma$	47	+1
Glenalvan	1.2	Rural 3	1	у	1.2	1.7	0.5	Tue 1/08/23	Tue 1/08/23	1		<u> </u>		ш	L		L			1								للل	

Dark Area is works completed
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Upper Hunter Shire Council Grading Program 2023/24

Task Name	Length	Hierarchy	times/yr	ZONE	km To Grade	Days	Duration (Days)	Start	Finish	Actual Start	Actual Finish	30/06/2023	14/07/2023	11/08/2023	25/08/2023	8/09/2023	6/10/2023	20/10/2023	3/11/2023	1/12/2023	15/12/2023	12/01/2024	26/01/2024 9/02/2024	23/02/2024	22/03/2024	19/04/2024	17/05/2024	14/06/2024	12/07/2024
Pages River road Warlands Creek		Rural 3 Rural 3		1 y 1 y	6.45 10.3			Tue 1/08/23 Tue 8/08/23	Fri 4/08/23 Tue 15/08/23			+	+	+	H	-	+	-	+	Н	+	\vdash	-	_	++-	+	+	++	+
Haydons Woolshed		Rural 3	1	1 y	1.5			Tue 15/08/23	Wed 16/08/23	21/08/2023	22/08/2023	+	+			-	+	+	+	Ħ	\top	Ħ						+	+
Blandford Town Streets	1	Rural 3	1	1 y	1	0.6	0.5	Tue 15/08/23	Wed 16/08/23																				
Parkins		Rural 4	0.5	, ,	0.725			Ned 16/08/23	Wed 16/08/23	17/10/2023 10/08/2023	17/10/2023	\perp							-		_			_		\perp			44
Scotts Creek Sandy Creek		Rural 3		1 y 1 y	19 4.5	2.5		Thu 17/08/23 Fri 1/09/23	Fri 1/09/23 Wed 6/09/23	8/08/2023	9/08/2023	+		///	H	-	+		+	H	+	H		-	+				+
Coogah	3.64	Rural 3	-	1 y	3.64	2.0		Thu 7/09/23	Fri 8/09/23	7/08/2023	8/08/2023	//////									+								+
Tinseys		Rural 3	1	1 у	1.06			Mon 11/09/23	Mon 11/09/23	2/08/2023	3/08/2023									Ш									П
Green Creek Timor PO		Rural 3 Rural 4	0.5	1 y	9.2			Mon 11/09/23 Fue 19/09/23	Tue 19/09/23 Tue 19/09/23	24/07/2023	25/07/2023		-	-		-	+	-	+	\vdash	+	\vdash		-	++	++	+	++	H
Edmonds		Rural 3	0.5	9 y	2.09			Ned 20/09/23	Wed 20/09/23	24/07/2023	24/07/2023			_7////	₩	-	+				+				+				$\pm \pm$
Isis Ford	1	Rural 4	0.5	5 Y	0.5	0.3	0.5	Thu 27/07/2023	Fri 28/07/23	27/07/2023	28/07/2023				,,,,,,														
Timor Creek		Rural 3		1 у	5.7	3.2		Thu 21/09/23	Mon 25/09/23	18/10/2023	26/10/2023	\perp	_	_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	₩_			-		_			_		\perp			44
Rileys Branch Creek (Ellerston)		Rural 3		1 y 1 y	2.6			Tue 26/09/23 Ned 27/09/23	Wed 27/09/23 Thu 5/10/23	30/10/2023	2/11/2023	++	+	+	H	₩-	+		+	+	+	+		_	-		+	++	+
Mckenzies		Rural 3		1 y	3.38	1.9	2	Γhu 5/10/23	Mon 9/10/23	8/01/2024	9/01/2024		1	I			\Box			П				1		ш			П
Timor-Crawney		Rural 1	2	2 y	49.2		13.5	Mon 9/10/23	Fri 27/10/23	9/01/2024	18/01/2024	₩ſ	4	+	\perp	٣.	\perp		1	НΪ			1	_[44	\sqcup	\perp	44	+
Mountain View Sargeants Gap		Rural 4 Rural 3	0.5	5 y 1 v	0.8		0.5	Tue 31/10/23 Tue 31/10/23	Tue 31/10/23 Wed 8/11/23	22/01/2024 23/01/2024	22/01/2024 29/01/2024	++	+	╁	H		% —	+	+	+	+		-	+	++	++	++	++	++
Pages Creek	4.95	Rural 3		1 y	4.95	2.8	3	Γhu 9/11/23	Tue 14/11/23				ᅼ	İ			Ø		ı	ш	╧				ш	ш	ш		TI.
Fernleigh		Rural 4	0.5		1.7			Wed 15/11/23	Wed 15/11/23	27/02/2024	27/02/2024					///													\Box
Pages Creek Glenvale		Rural 3 Rural 4	0.5	1 y 5 v	4.95 0.62			Thu 16/11/23 Tue 21/11/23	Mon 20/11/23 Tue 21/11/23	22/02/2024		\vdash	+	+	\vdash	-	_	₩–	+	\vdash	+	\vdash		-	++			++	+
Pages Creek		Rural 3	1	1 y	4.95			Tue 21/11/23	Fri 24/11/23			+	+	1	H	-			*	Ħ	\top	Ħ						\top	+
Zanzibar		Rural 4	0.5	5 у	0.35	0.2	0	ri 24/11/23	Fri 24/11/23																				П
Pages Creek Puddledock		Rural 3 Rural 4	0.5	1 y	4.95 0.325		3	Fri 24/11/23 Thu 30/11/23	Thu 30/11/23 Thu 30/11/23			\vdash	-	_	\vdash	_	+		.	\vdash	+	Н		_	-			-	+
Ellerston		Rural 3	1	1 y	0.323			ri 1/12/23	Fri 1/12/23			+	+	+	H	_	+		~~		+	\vdash							+
Hunter Road Ellerston to Moonan	1.2	Rural 2	1	1 y	1.2	0.7	0.5	ri 1/12/23	Fri 1/12/23																				
Omadale Brook		Rural 4	0.5		1.25			Mon 4/12/23		6/09/2023	12/09/2023	1		_					-	1	_								44
Hunter Road Ellerston to Moonan Waverley Road		Rural 3 Rural 1		1 y 2 y	15.4 24.8			Mon 4/12/23 Mon 18/12/23	Fri 15/12/23 Thu 11/01/24	13/07/2023	20/07/2023			+	H	-	+		-	\vdash	+	H		-	+				+
Eulalia	2	Rural 4	0.5	y y	1	0.6	0.5	ri 12/01/24	Fri 12/01/24																				Ħ
Timor Gundy		Rural 1	- 2	2 у	18.46			ri 12/01/24	Fri 19/01/24	20 /00 /2022	r (00 (0000	1		_		_			_////	₩.	_								44
Moonan Brook Rd Barrington Tops Forest Road		Rural 3 Rural 1	- 2	1 y 2 y	6.2 22.8			Fri 19/01/24 Wed 24/01/24	Tue 23/01/24 Thu 1/02/24	28/08/2023 1/12/2023	5/09/2023 21/12/2023	++	+	+		-	+				-	+		_	-		+	++	+
Tomalia Road	34	Rural 2	1	1 y	34	18.9	19	Γhu 1/02/24	Fri 1/03/24																				ш
Barrington Road		Rural 3 Rural 3		1 y	1.9			ri 1/03/24	Tue 5/03/24				_	_			\perp		4	1	_	//// _							ш
Pheasants Creek Callemondah		Rural 4	0.5	1 y	1.25 8.55			Tue 5/03/24 Wed 6/03/24	Tue 5/03/24 Tue 12/03/24			++	+	+	++	-	+	-	+	++	_////	₩-	+-	-	++	++	++	++	+
Ringwood	13.4	Rural 4	0.5		6.7			Ned 13/03/24	Mon 25/03/24			H	_		Ħ					Ħ	+	****	*						Ħ
Poly Fogal		Rural 3	1	1 у	8			Mon 25/03/24	Fri 29/03/24											Ш				//// _					П
Sondan Road Branch Creek		Rural 4 Rural 4	0.5		0.605 2.95		0.5	Tue 2/04/24 10/11/2023	Tue 2/04/24 20/11/2023			\vdash	+	+	\vdash	-	+	-	+	\vdash	+	\vdash		₩-	++			++	+
Sunny Brae		Rural 4	0.5		3.4			Thu 4/04/24	Fri 5/04/24			+	+	1	H	-	+	+	+	Ħ	\top	Ħ						\top	+
Hunter Road Ellerston to Glenrock		Rural 1	2	2 y	31.4			Mon 8/04/24	Fri 19/04/24																				П
Orham Creek Glenroy		Rural 4 Rural 3	0.5	5 y	2.975			Fri 19/04/24 Tue 23/04/24	Mon 22/04/24 Fri 26/04/24			+	+	+	H	-	+	-	+	\vdash	+	\vdash		-		++	+	++	H
Hunter Road Glenrock to Tamworth		Rural 4	0.5	5 y	10.35			ri 26/04/24	Tue 7/05/24			+	+	+	H	_	+	_	+	H	+	\vdash			7000				+
Timor-Crawney	24.6	Rural 1	7	2 y	49.2	13.7	13.5	Tue 7/05/24	Tue 28/05/24	8/01/2024	18/01/2024																		II.
Waverley Road Timor Gundy		Rural 1	- 2	2 y	24.8 18.46			Ned 29/05/24 ri 7/06/24	Thu 6/06/24 Fri 14/06/24			++	-	+	1		-		-	-	-	+				₩.		+++	+
Barrington Tops Forest Road		Rural 1	1	2 y 2 y	22.8			Mon 17/06/24	Wed 26/06/24			+	+	+	H	+	+	-	+	H	+	+		+		₩-	+	+	+
																													П
Scone												$\perp \perp$	4		Ш	4	\perp	_	4	\sqcup	4	ш		_	$\perp \perp$	ш		44	11
Wrights Ashbrooke		Rural 4 Rural 3	0.5	5 y 1 y	0.725			Tue 1/08/23 Tue 1/08/23	Tue 1/08/23 Wed 2/08/23	14/08/2023 16/08/2023	15/08/2023 21/08/2023	+	+		Н	+	+	+	+	+	+	+	-	+	+	++	++	++	+
Gateleys		Rural 4	0.5		0.9		0.5	Thu 3/08/23	Thu 3/08/23	21/08/2023	23/08/2023	+	+			-	+	+	+	Ħ	\top	Ħ			+			\top	+
Wingen Village Street		Rural 3	1	1 у	1.7			Thu 3/08/23	Fri 4/08/23	23/08/2023	23/08/2023																		П
Petwyn Vale Parkville Village Street		Rural 3 Rural 3		1 y 1 v	0.9			Fri 4/08/23 Tue 8/08/23	Fri 4/08/23 Tue 8/08/23	23/08/2023 25/09/2023	25/08/2023 25/09/2023	+	- 400	w. —				-	+	\vdash	+	\vdash		-	++	++	+	++	H
Dry Creek		Rural 3		1 y	3			Tue 8/08/23	Wed 9/08/23	28/08/2023	30/08/2023	+	-	% —		_	1	_	+	H	+	\vdash							+
Dry Creek	3.37	Rural 4	0.5	,	1.685).9	1	Γhu 10/08/23	Thu 10/08/23	30/08/2023	30/08/2023						Ш												П
Middlebrook Rd Middlebrook Drive		Rural 3 Rural 4	0.5	1 y 5 v	0.7	1.7		Fri 11/08/23 Mon 14/08/23	Mon 14/08/23 Mon 14/08/23	5/09/2023 18/09/2023	18/09/2023 19/09/2023	++	-#	% —			+		+	+	+	+	-	+	+	+	++	++	+
Banool		Rural 3	0.5	1 y	0.7			Tue 15/08/23	Tue 15/08/23	24/08/2023	24/08/2023	+	-				+	-	1	+	+	+	-	$^{+}$	++		++	+	+
Mareeba	3.4	Rural 3	1	1 y	3.4	1.9	2	Γue 15/08/23	Thu 17/08/23	24/08/2023	25/08/2023									ш									П
Wallington		Rural 3	1	1 y	3.3			Thu 17/08/23	Tue 22/08/23	20/09/2023	22/09/2023	+	_#	W	Н		H	#	╀	H	+	+		-#	$\perp \perp$	$+$ \vdash	\perp	$+$ \perp	+-
Common Cliftlands		Rural 3 Rural 2		1 y 1 y	2.1 3.75			Ned 23/08/23 Thu 24/08/23	Wed 23/08/23 Fri 25/08/23	26/09/2023 6/10/2023	27/09/2023	++	+	-	\vdash		H	+	+	+	+	++	-	+	++	++	++	++	++
Moobi	7.1	Rural 2	1	1 y	7.1	3.9	4	Mon 28/08/23	Thu 31/08/23	11/10/2023	11/10/2023	П	1							旦		ш							ш
Puan Buan Pit	1.45	Rural 4	0.5		0.725			ri 1/09/23	Fri 1/09/23	12/10/2023	12/10/2023	₩Ī	Ų.	_/////	ļЛ	4		_#E	1	Щ	#	\sqcup	1	4	+	Ш	\Box	$+$ \Box	+
Yarrandi Thompsons Creek		Rural 2 Rural 3	1	1 y 1 v	5.63			Fri 1/09/23 Thu 7/09/23	Thu 7/09/23 Mon 11/09/23	12/10/2023	19/10/2023 3/11/2023	+	+	-	H	+			-	+	+	+	+	+	+	+	++	++	+
Sparkes Creek		Rural 3	1	1 y	7.5			Tue 12/09/23	Fri 15/09/23	3/11/2023	9/11/2023		1							Ш						ш			П

Dark Area is works completed
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Upper Hunter Shire Council Grading Program 2023/24

Task Name	Length	Hierarchy	times/yr	ZONE	km To Grade	Days	Duration (Days)	Start	Finish	Actual Start	Actual Finish	30/06/2023	14/07/2023	28/07/2023	25/08/2023	8/09/2023	22/09/2023 6/10/2023	20/10/2023	17/11/2023	2 5	29/12/2023	12/01/2024	26/01/2024	23/02/2024	8/03/2024	5/04/2024	3/05/2024	17/05/2024	31/05/2024	28/06/2024	12/07/2024
Upper Dartbrook	4.50	Rural 1	2	У		2.5		Tue 19/09/23	Thu 21/09/23	13/11/2023	20/11/2023					\perp													_	\perp	ш
Kiernans Creek		Rural 3	1	у		3.7		Thu 21/09/23	Tue 26/09/23	30/11/2023	6/12/2023			_	_/////			1											-	\bot	\vdash
Upper Dartbrook Brawbov		Rural 1 Rural 3	2	У	11.9	2.5		Wed 27/09/23 Fri 29/09/23	Fri 29/09/23 Tue 10/10/23	7/12/2023 21/11/2023	13/12/2023 29/11/2023	+	\vdash	_	-	,,,,,	_	-		_	+	-	_		+		+	++	+	++	\vdash
Millers Creek		Rural 4	0.5	y		0.5		Wed 11/10/23	Wed 11/10/23	21/11/2023	23/11/2023	+	\vdash	-	7000	₩-	_			+	+	+	_	+	+		+		+	+	П
Upper Dartbrook		Rural 1	2	v		2.5		Wed 11/10/23	Fri 13/10/23			+				₩-													+	11	\blacksquare
Kars Springs	3.3	Rural 2	1	у	3.3	1.8	2	Tue 17/10/23	Wed 18/10/23	14/12/2023	21/12/2023																			П	П
Mt Terrell		Rural 4	0.5			0.8		Thu 19/10/23	Thu 19/10/23	15/01/2024	15/01/2024							\perp											_	\perp	ш
Kars Springs		Rural 2 Rural 4	0.5	У	3.3 1.75	1.8		Fri 20/10/23	Mon 23/10/23 Tue 24/10/23	16/01/2024	16/01/2024	+	\vdash		-	-2		\vdash	+	-	+			\vdash	-	\vdash	_		-	+	\vdash
Jewisky		Rural 4	0.5		0.25			Wed 25/10/23	Wed 25/10/23	16/01/2024	16/01/2024	+	\vdash	+	+	\vdash	-///	+	+	+	+		+	+	-		-	\vdash	+	+	$\overline{}$
Kars Springs		Rural 2	0.3	y		1.8		Wed 25/10/23	Fri 27/10/23			+		_		\vdash	-***	\vdash		-	+		_		+		_	Н	+	+	\neg
Beales Creek	4.6	Rural 3	1	y	4.6	2.6	2.5	Fri 27/10/23	Wed 1/11/23	17/01/2024	18/01/2024																			TT	П
Kars Springs	3.3	Rural 2	1	у		1.8	2	Thu 2/11/23	Fri 3/11/23	11/09/2023	21/09/2023																				
Ridgelands		Rural 2	1	у	16.91			Mon 6/11/23	Mon 20/11/23	15/01/2024	7/02/2024							W						ш					4	$\perp \perp$	ш
Tyrone		Rural 4	0.5		1.15	0.6		Mon 20/11/23	Mon 20/11/23	8/02/2024	8/02/2024	-		_	\perp	_	_	₩.		_	4			ш	-		_	ш	4	++	\vdash
Bunnan Village Street Ashwood		Rural 3 Rural 4	0.5	y	0.235			Tue 21/11/23 Wed 22/11/23	Tue 21/11/23 Wed 22/11/23	9/02/2024	9/02/2024 9/02/2024	+-		-	+	\vdash	-	₩.	-	-	+		_	H	-		+-	H	+	++	\vdash
Gibbergunyah		Rural 4	0.5			1.0		Wed 22/11/23	Thu 23/11/23	10/02/2024	12/02/2024	+-		_	+	+	+	₩.	*	\dashv	+			H	+	\vdash	+	\vdash	+	+	Н
Sophia Creek		Rural 3	1	y	0.3	0.2		Thu 23/11/23	Thu 23/11/23	13/02/2024	14/02/2024										1			П				П	\top	TT	П
Rossgole		Rural 3	1	у	12.9	7.2		Fri 24/11/23	Tue 5/12/23	20/02/2024	27/02/2024																				
Halls		Rural 3	1	У	6.63			Fri 8/12/23	Tue 12/12/23	27/02/2024		-		_	\perp	_	_			_	4		_	ш	-			ш	4	++	\vdash
Netherton Blairmore Point		Rural 4	0.5	y	0.355 0.135	0.2		Wed 13/12/23 Wed 13/12/23	Wed 13/12/23 Wed 13/12/23			+-		-	+	\vdash	-	-	-	-	+	\vdash	+	H	-		+-	H	+	++	\vdash
Thompsons Lane		Rural 4	0.5			0.1		Thu 14/12/23	Thu 14/12/23			+-		_	+	+	+	++	-****	WW.	+	\vdash	+	\vdash	+	\vdash	+	\vdash	+	+	Н
Rouchel Gap Rd		Rural 3	1	y		0.7		Thu 14/12/23	Thu 14/12/23	10/08/2023	14/08/2023										1							П	\top	TT	П
Dangarfield	1.4	Rural 4	0.5		0.7	0.4		Fri 15/12/23	Fri 15/12/23	9/08/2023	10/08/2023																				◻
Dalvey		Rural 4	0.5		0.565	0.3		Fri 15/12/23	Fri 15/12/23											//// _				ш					4	$\perp \perp$	ш
Stoney Creek		Rural 3	1	У		3.5		Mon 18/12/23	Thu 21/12/23			-	\vdash	_	+	\perp			+	₩.	+			ш	-	Н		Н	-	+	\vdash
Armstrong Rouchel Carters		Rural 4 Rural 4	0.5		0.06			Thu 21/12/23 Tue 9/01/24	Thu 21/12/23 Tue 9/01/24			+	\vdash	+	+	\vdash	-		+-	₩-	+	+	+	+	-		-	\vdash	+	+	$\overline{}$
Albano		Rural 4	0.5		1.15			Tue 9/01/24	Tue 9/01/24			+		_		\vdash	_		+		_		_		+	\vdash	_	Н	+	+	\neg
Back Creek		Rural 3	1	у		1.5	1.5	Wed 10/01/24	Thu 11/01/24	24/07/2023	25/07/2023																				◻
Kenelea		Rural 4	0.5		1.395			Thu 11/01/24	Fri 12/01/24	1/08/2023	2/08/2023										<u>"</u>									\perp	\vdash
Glencoe		Rural 4 Rural 4	0.5		1.44	0.8		Fri 12/01/24	Mon 15/01/24	27/07/2023	31/07/2023	-			+	\perp				///	×			ш	-	Н		Н	-	+	\vdash
Bowmans Gully S Upper Rouchel		Rural 3	0.5	y	11.5			Mon 15/01/24 Tue 16/01/24	Tue 16/01/24 Thu 25/01/24	7/08/2023	8/08/2023	+		-	+	+	+			+	-	+	+	H	+	H	+	H	+	++	\vdash
Malumla		Rural 4	0.5		0.705			Fri 26/01/24	Fri 26/01/24			+		_		\vdash	_			-	-	\vdash	_	H	+		_	Н	+	+	\neg
Upper Rouchel		Rural 3	1	у	11.5	6.4	6.5	Fri 26/01/24	Tue 6/02/24																						◻
Davis Creek		Rural 3	1	у	0.86			Wed 7/02/24	Wed 7/02/24	29/06/2023	29/06/2023										_/////	//// _								\perp	\vdash
Studleigh Davis Creek		Rural 4	0.5		0.77 3.35			Wed 7/02/24 Thu 8/02/24	Wed 7/02/24 Fri 9/02/24	17/07/2023	19/07/2023	-		_	+	\perp				_	+	₩.		ш	-	Н		Н	-	+	\vdash
Halcombe		Rural 4 Rural 3	0.5	y	2.03			Mon 12/02/24	Mon 12/02/24	1//0//2023	19/07/2023	+		_	+	+	+			+	+			H	+	H	+	H	+	++	\vdash
Turanville		Rural 2	1		4.04	2.2		Tue 13/02/24	Wed 14/02/24	5/10/2023	5/10/2023	+		_						-	+		% —	H	+	\vdash	_	Н	+	+	\neg
Ranch		Rural 4	0.5		0.3	0.2		Thu 15/02/24	Thu 15/02/24																						◻
Leighton Park		Rural 3	1	у	1.4	0.8	1	Thu 15/02/24	Fri 16/02/24			Ļ	Щ	_ [\perp	Щ	4	ш	+1		L	Щ	4	ш		Ш		Ш	ユー	щI	ш
Glen Creek		Rural 3	1	У	2.01			Fri 16/02/24	Tue 20/02/24			+	\vdash	-	+	+	-	++	+	-	+	\vdash	-	\vdash	-	\vdash	-	\vdash	+	+	\dashv
Bobs camp road Nectarbank		Rural 4 Rural 4	0.5		1.55 0.43			Tue 20/02/24 Wed 21/02/24	Wed 21/02/24 Wed 21/02/24			+	\vdash	+	+	\vdash	+	+	+	+	+	\vdash	-///	\vdash	+	\vdash	+	+	+	+	\vdash
Meerimuka		Rural 4	0.5		0.43		0.5	Thu 22/02/24	Thu 22/02/24			+	+	\dashv	+	+	+	+	+	+	+	\vdash	-////	\vdash	+	H	+	+	+	+	\dashv
Alma	1.7	Rural 4	0.5	ý	0.85	0.5	0.5	Thu 22/02/24	Thu 22/02/24	İ		L	◩	止	L	◨	止	ш	上	╧	L				╚		ı	П	ェ	Ħ	┛
Caslicks		Rural 4	0.5			0.4		Fri 23/02/24	Fri 23/02/24				П	T		П	I	П		T								П	I	ш	Д
Brumlo		Rural 4	0.5			0.5		Fri 23/02/24	Fri 23/02/24			+	\vdash	_	+	\vdash	_	Н-	+	_	1	\vdash	-#//	\vdash	-	$\vdash \vdash$	4	ш	4	+	\vdash
Mossvale Donalds Creek		Rural 3 Rural 4	0.5	y	8.1	4.5 1.9		Mon 26/02/24 Fri 1/03/24	Fri 1/03/24 Wed 6/03/24			+	\vdash	+	+	\vdash	-		+	+	+	+	-////	\vdash	-		-	\vdash	+	+	$\overline{}$
Stewarts Brook		Rural 2	0.3	y		8.9		Wed 6/03/24	Fri 22/03/24	24/07/2023	8/08/2023	+-			+	+	+	++	+	\dashv	+	\vdash	-w	\vdash	+	\vdash	+	\vdash	+	+	Н
Coonawarra	0.85	Rural 4	0.5	у	0.425	0.2	0.5	Fri 22/03/24	Fri 22/03/24			I			l	ΕŤ	╧	LΤ	ĮП		I	Шt			╧	Шt	╧	Еt	ᆂ	Ħ	
Womelguy	0.89	Rural 4	0.5		0.445	0.2	0.5	Mon 25/03/24	Mon 25/03/24					I		П	I	П		T								П	I	ш	Д
Carters		Rural 4	0.5		3.825			Fri 29/03/24	Tue 2/04/24	9/08/2023	14/08/2023	1	Ц			Щ		$\perp \Gamma$	+1		1	Щ		٧		Щ		ш	#	44	\vdash
Bridges Bowmans Gully		Rural 4 Rural 4	0.5		1.68 1.65			Wed 3/04/24 Thu 4/04/24	Wed 3/04/24 Thu 4/04/24			+	\vdash	-	+	+	-	++	+	-	+	\vdash	-			\vdash	-	\vdash	+	+	\dashv
Belltrees		Rural 2	0.5	y	1.65	0.5		Fri 5/04/24	Fri 5/04/24			+	+	-	+	H	+	+	+	-	+	\vdash	+	1-7		\vdash	+	+	+	+	Н
Belltrees		Rural 3	1	y	2.25	1.3		Fri 5/04/24	Mon 8/04/24			1	H	_	+	Ħ	+	Ħ	+	_	╁	H	\top	Ħ	_2000	\vdash	+	Ħ	+	+	T.
Belltrees	3.4	Rural 4	0.5	ý	1.7	0.9	3	Tue 9/04/24	Tue 9/04/24																				I	П	
Miranee		Rural 3	1	у		1.7	1.5	Wed 10/04/24	Thu 11/04/24	28/06/2023	30/06/2023		Щ		\Box	Щ		$\perp \Gamma$	+1		1	Щ	4	Ш	_##	L.F		ш	#	44	\vdash
Gundy Village St		Rural 3	0.5	У	2.76 0.19			Thu 11/04/24	Fri 12/04/24 Tue 16/04/24	1	1	+	\vdash	+	+	\vdash	+	\vdash	+	+	1	\vdash	+	H	-#//		+	\vdash	+	+	\vdash
Clydesdale Upper Dartbrook		Rural 4 Rural 1	0.5	y		2.1		Tue 16/04/24 Tue 16/04/24	Thu 18/04/24			+	+	+	+	H	+	+	+	+	+	\vdash	+	+	-\	////	+	+	+	+	Н
Upper Dartbrook		Rural 1	2	y	7.6	2.1		Fri 19/04/24	Tue 23/04/24			1	H	_	+	Ħ	+	Ħ	+	_	t	H	\top	Ħ		,,,,,,,	+	Ħ	+	+	T.
Upper Dartbrook		Rural 1	2	ý	7.6	2.1		Tue 23/04/24	Thu 25/04/24	1	1									T			T		T		I		L		┙

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Resheeting Program 2023/24



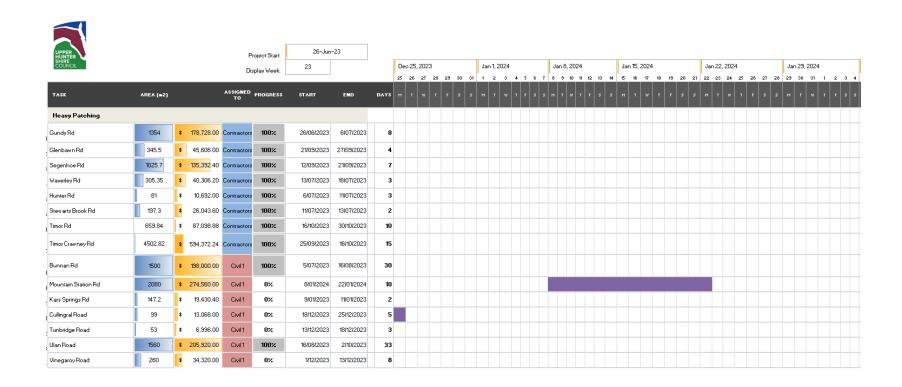
Project Start:

7-Jul-23

Display Week:

1

TASK	ASSIGNED	CHAI	NAGE	Length (m)	Gravel Source	PROGRESS	START	END	Actua	l Start	DA	YS	Quantity	Of Gravel
IASK	то	Start	End	Length (m)	Graver Source	PROGRESS	JIANI	END	Actual Start	Actual Finish	Planned Days	Actual Days	Planned Quantity	Actual Quantity
Merriwa Roads														
Gummun	UHSC	2.1	5.1	<mark>3</mark> 000	Hunter Blue	As Required	7-Jul-23	14-Jul-23	21-Jun-23	7-Jul-23	8	12	3000	
Hampshire	UHSC	0	2	2 000	Kuri Pit	As Required	12-Sep-23	16-Sep-23	13/10/2023	1/11/2023	5		2000	
Forest Reserve	UHSC	0	2.96	<mark>2</mark> 960	Hunter Blue	As required	1-Sep-23	8-Sep-23	24/08/2023	6/09/2023	8		2900	
Rotherwood	UHSC	5	7.15	<mark>2</mark> 150	Rotherwood Pit	As required	22-Aug-23	26-Aug-23	11-Sep-23	27/09/2023	5		2000	
Westwood	UHSC	3.36	5.95	2 590	Hunter Blue	As required	9-Aug-23	14-Aug-23	8-Aug-23	15-Aug-23	6.5	5	2500	
Murrundi Roads														
Warlands Creek	UHSC	0.000	2.000	<mark>2</mark> 200.000	Willow Tree	As required	9-Oct-23	14-Oct-23	23/11/2023	1/12/2023	6		2200	
Scone Roads														
Halls	UHSC	1.2	2.2	1000	RKN Pit	As required	14-Aug-23	16-Aug-23	7/08/2023	9/08/2023	3		1000	1226
Kars Springs	UHSC	8.600	13.500	<mark>4</mark> 900	Cuan Pit	As required	4-Sep-23	16-Sep-23	4/09/2023	16/09/2023	13		4900	
Moobi	UHSC	1.200	3.800	<mark>2</mark> 600	RKN pit	As required	7-Jul-23	13-Jul-23	4/07/2023	20/07/2023	7	13	2600	
Ridgelands	UHSC	12.300	14.800	<mark>2</mark> 500	Cuan Pit	As required	21-Aug-23	26-Aug-23	15/08/2023	23/08/2023	6		2500	
Rossgole	UHSC	1.000	5.600	<mark>4</mark> 600	RKN Pit	As required	24-Jul-23	4-Aug-23	24/07/2023	1/08/2023	12	7	4600	6650





Infrastructure Services

ISC.03.3 STRATEGIC AND CAPITAL WORKS UPDATE

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Jayarajah Jeyakanthan - Executive Manager Works Delivery

PURPOSE

The purpose of this report is to provide an update on capital works projects within the 2023/2024 budgetary period.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

As part of the 2023/24 Delivery Program and Operational Plan, a schedule of the planned capital works has been prepared. This report details the progress on strategic and capital works within Infrastructure Services – refer Attachment 1. Capital Expenditure report showing the expenditure of the capital program for all areas will be provided under a separate cover on or before the meeting.

REPORT/PROPOSAL

	Сар	ital Works – Februar	y 2024	
	Original Budget	Revised Budget	YTD Budget	YTD Actual
Projects	\$66,039,283	\$59,267,513	\$30,460,834	\$28,345,055
-	vorks completed to Re vorks completed to Re	•	et	47.83% 93.05%

OPTIONS

- 1. To note the report.
- 2. Reject the report.

CONSULTATION

- Director Infrastructure Services
- Executive Manager Works Delivery
- Manager Strategic Assets
- Manager Water & Sewer
- Manager Special Projects
- Manager Finance



Infrastructure Services

STRATEGIC LINKS

a. Community Strategic Plan 2032

This report links to the Community Strategic Plan 2032 as follows:

Quality Infrastructure

Maintaining and developing our infrastructure network to meet the ongoing needs of our population.

- 4.1 Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
- 4.3 Provide safe and reliable water and sewerage services to meet the demands of current and future generations.
- 4.4 Upgrade and maintain the road network and bridges.

Responsible Governance

Providing efficient and responsible governance in order to effectively serve the community.

- 5.3 Effective financial and asset management to ensure Council's long-term sustainability.
- 5.4 Open and effective communication methods and technology are utilised to share information about Council plans, intentions, actions and progress.

b. Delivery Program

- A well maintained Council bridge network
- Preventative maintenance work with increased effectiveness
- Ongoing assessment of cycleways and paved footpaths in accordance with Council's Inspection, Evaluation and Maintenance of Footpaths/Cycleways policy
- Well maintained cycleways, paved and unpaved footpaths
- A workforce able to undertake maintenance and construction works on State Highway No.27 (Golden Highway)
- The ability to actively pursue work orders to improve the quality of the Golden Highway and maximise the safety of the road users
- Well maintained regional urban rural sealed and unsealed road networks
- Increased effectiveness of preventative maintenance work as part of maintenance management works practices
- Increase effectiveness of preventative maintenance work as part of maintenance management works practices

c. Other Plans

Many projects are identified within Community Plans, Emergency Plans or Specific Operational Plans.

Council's Asset Management Plans are also reference documents for the development of the Capital Works Program.



Infrastructure Services

IMPLICATIONS

a. Policy and Procedural Implications

Some projects involve grant funds, community donations or use other funding sources such as R2R funds and Section 94 contributions.

Expenditure of these funds is in accordance with relevant policies and legislative requirements.

b. Financial Implications

All works have been budgeted for in accordance with the Delivery Program and Operational Plan (DPOP) 2023/24.

c. Legislative Implications

Not applicable.

d. Risk Implications

The correct planning and completion of capital projects assists Council to mitigate their risk exposure.

e. Sustainability Implications

Nil.

f. Other Implications

Not applicable

CONCLUSION

The capital works update report provides an overview of the progress of capital works for the 2023/24 financial year.

ATTACHMENTS

1 Capital Expenditure Report

Project Name	Summary Scope / deliverables	Project Value	Funding Amount & Source	Target Completion Date	Estimated Completion Date	Cost to Date	Budget Status	Budget Status Comment	Schedule Status	Schedule Status Comment	Activities for Next Three Months
Barrington Forest Road	Upgrade of road for its first seal. Includes drainage structures.	\$ 9,869,687.00	\$7,224,234 Fixing Local Roads \$1,460,868 LRCIF \$1,184,585 UHSC	May-24	Sep-24	\$1,669,492		Construction being undertaken by Council managing local sub- contractors		Continuation of installation of drainage structures and earthworks.	Complete installing stormwater structures. Continue earthworks on cuttings. Commence the placement of pavement materials.
Bill Rose Masterplan	Create a development masterplan for Bill Rose precinct.	\$50,000	R4R8	Sep-22	2023	\$40,450		On Track		Completed	Adopted by Council.
Bridges - Albano Bridge	Replacement of timber bridge with concrete bridge	\$ 817,692.00	\$617,692 Fixing Country Bridges \$200,000 UHSC	Apr-24	Mar-24	\$699,686		Project running under budget		Bridge opened to traffic.	Install guardrail end terminals. Re-establish boundary fence. Install signs.
Bridges - Ashford's Bridge	Replacement of timber bridge with concrete bridge	\$ 1,072,942.00	\$1,042,942 Fixing Country Bridges \$30,000 UHSC	Apr-24	Mar-24	\$1,098,583		Project will run about \$40,000 over budget		Bridge is open to traffic.	Re-establish boundary fence. Hot seal approaches. Install signs.
			\$504,655 Fixing Country Bridges Program								
Bridges - Blues Bridge	Replacement of timber bridge with concrete bridge	\$ 534,655.00	\$30,000 UHSC	Apr-24	Mar-24	\$429,353		Project running under budget		Bridge is open to traffic.	Hot seal approaches. Install signs.
Bridges - Bobialla Creek Bridge	Replacement of timber bridge with concrete bridge	\$ 1,321,722.00	\$1,291,722 Fixing Country Bridges \$30,000 UHSC	Apr-24	Mar-24	\$960,031		Project running near budget		Piling is completed. Abutments are in place. Planks are in place.	Pouring of deck in Feb. Backfill of abutments. Fit guard rail. Construct bridge approaches.
Bridges - Dartbrook Bridge	Replacement of timber bridge with concrete bridge	\$ 2,063,596.00	\$1,993,596 Fixing Country Bridges \$70,000 UHSC	Apr-24	Mar-24	\$659,812		Project running under budget		Piling is complete. Abutments are in place. Power line has been relocated.	Installation of planks. Pouring of deck. Backfill of abutments. Fit guard rail. Construct bridge approaches.
Bridges - Lapstone Gully Bridge 2.0km and Culvert 2.9km	Replacement of timber bridge with concrete bridge	\$ 1,133,208.00	\$1,103,208 Fixing Country Bridges \$30,000 UHSC	Apr-24	Mar-24	\$957,253		Project running under budget		Bridge is open to traffic. Approaches have been widened.	Hot seal approaches. Install guard rail end terminals. Install signs.
Bridges - Little Street Bridge	Replacement of timber bridge with concrete bridge	\$ 656,584.00	\$626,584 Fixing Country Bridges Program \$30,000	Apr-24	Mar-24	\$574,819		Project running under budget		Bridge is open to traffic.	Hot seal approaches.
			\$688,087 Fixing Country Bridges Program \$30,000								Hot seal approaches.
Bridges - Scotts Creek Bridge No2	Replacement of timber bridge with concrete bridge	\$ 718,087.00	UHSC \$499,043 Fixing Country Bridges Program	Apr-24	Mar-24	\$618,444		Project running under budget		Bridge is open to traffic.	ınstalı signs.
Bridges - Scotts Creek Bridge No3	Replacement of timber bridge with concrete bridge	\$ 529,043.00	\$30,000 UHSC	Apr-24	Mar-24	\$439,624		Project running under budget		Bridge is open to traffic.	Hot seal approaches. Install signs.
			\$609,509 Fixing Country Bridges Program					Installation of guard rail will push			Install guardrail end terminals.
Bridges - Warlands Bridge No1	Replacement of timber bridge with concrete bridge	\$ 639,509.00	\$30,000 UHSC	Apr-24	Mar-24	\$705,938		the project over budget by approx \$100k		Bridge is open to traffic.	Hot seal approaches. Install signs.

Project Name	Summary Scope / deliverables	Project Value	Funding Amount & Source	Target Completion Date	Estimated Completion Date	Cost to Date	Budget Status Comment	Schedule Status	Schedule Status Comment	Activities for Next Three Months
			\$478,622 Fixing Country Bridges Program							
			\$30,000							Hot seal approaches.
Bridges - Warlands Bridge No2	Replacement of timber bridge with concrete bridge	\$ 508,622.00	UHSC \$478,622 Fixing Country	Apr-24	Mar-24	\$443,248	Project running under budget		Bridge is open to traffic.	Install signs.
Bridges - Warlands Bridge No3	Replacement of timber bridge with concrete bridge	\$ 508,622.00	Bridges Program \$30,000 UHSC	Apr-24	Mar-24	\$452,401	Project running under budget		Bridge is open to traffic.	Hot seal approaches. Install signs.
			\$485,605 Fixing Country Bridges Program							
			\$30,000							Hot seal approaches.
Bridges - Warlands Bridge No4	Replacement of timber bridge with concrete bridge	\$ 515,605.00	UHSC \$528,117 Fixing Country	Apr-24	Mar-24	\$434,122	Project running under budget		Bridge is open to traffic.	Install signs.
Bridges - Warlands Bridge No5	Replacement of timber bridge with concrete bridge	\$ 558,117.00	Bridges Program \$30,000 UHSC	Apr-24	Mar-24	\$478,129	Project running under budget		Bridge is open to traffic.	Hot seal approaches.
Shages Wandhad Shage Nee	replacement of timber bridge with controlle bridge	Ψ 000,117.00	GHGG	7 tpi 24	Wai 24	ψ+10,120	i roject turning under budget		Bridge is open to traine.	motali digita.
	Dargaet repair facede ungrades to windows beidework calls avening		Resources for Regions							
Campbells Corner External Upgrade	Parapet repair, façade upgrades to windows, brickwork, sails, awning and decorative painting	\$ 842,000.00			FY- 24 to 25	\$0	On track		In progress	Project managers engaged.
Comilia Road Rehabilitation		\$ 450,000.00	UHSC	Jun-23	Jun-24		On track		On track	Ongoing
Cullingral Road Rehabilitation		\$ 215,000.00	Flood Recovery	Jun-23	Jun-24		On track		On track	Ongoing
Culling at 1 toda 1 tonabilitation		Ψ 210,000.00	\$2,000,000 Heavy Vehicle	0uii 20	oun 24		Cirtual		Culverts ordered and	Ongoing
			Safety & Productivity Program						delivered. An extension of time has been	Nil activity - in queue after Moonan Brook &
	Upgrade of road for its first seal.		\$3,000,000 Fixing Local Roads FLR4				Fixing Local Roads Grant appliction successful - \$3 Million	-	to align milestone dates	Barrington Tops Forest Roads. Some culvert crowns have been delivered to
Hunter Road Upgrade	Includes drainage structures and causeway improvements.	\$ 5,604,900.00	\$604,900 UHSC	Feb-25	FY - 2025	\$457,796	Total project cost \$5.6 Million		of both funding sources. Above ground asset	site.
Integrated Water Cycle Management Plan (IWCM)	Completion of the IWCM for UHSC, as per NSW Government Best Practice Guidelines	\$ 439,967.00		Jul-22	Dec-24	\$174,171	On track.		condition assessment was added as a variation, extending the time and scope	Finalising Issues Paper, Options Paper Review and commence IWCM report
Merriwa Town Beautification		\$ 200,000.00	SCCR5		Jun-24	\$21,244			Yet to commence	Seeking quotes and working with the Merriwa Progress Association on finalising the scope
	Markings in pavement and under tree lighting		\$4,900,000 Fixing Legal Bonds							of work
			Fixing Local Roads \$500,000							
	Upgrade of road for its first seal.		Roads to Recovery						Concrete dish drain is complete.	Laying of pavement to be completed. Installation of guardrail.
Moonan Brook Road Upgrade	Includes drainage structures and causeway improvements.	\$ 5,600,000.00	\$200,000 UHSC	Apr-22	Mar-24	\$3,598,788	Variation approved to decrease length of works to 3.5km.		Laying of pavement	Seal the road. Install road safety signage.
	, , , , , , , , , , , , , , , , , , , ,	<u> </u>	555			\$ 5,225,105			Works scheduled to commmence late February. Pre-start procurement	- Sanda Sand
MR358 - Coulsons Creek Rd Rehabilitation		\$ 48,260,000.00	State \$9,660,000 Federal \$38,600,000	Jul-25	Jul-25	\$0	Funding committed from the State and Federal Governments.		commenced January 2024.	Commence gabion wall construction and Section 3 earthworks.
WINGSO - COURSONS Greek No Inchabilitation		Ψ0,200,000.00	\$883, 400 Regional Youth Investment	Jui-25	3u-23	ΨΟ	Otate and Federal Governments.		2024.	Complete design, detailed costings and
Murrurundi Youth & Community Centre	Construction of new youth and community centre	\$ 880,000.00			May-25				Design commenced	submit DA
			Upper Hunter Region Mine Affected Roads				Causeway upgrade is within		Prices exceeded RFQ	Tender required.
Murulla Street Causeway	Upgrade to causeway Sophia Creek Road	\$ 1,250,000.00	\$100,000 UHSC	Jun-20	Aug-24	\$106,857	budget.		allowance.	Document being prepared.
	Upper Dartbrook Road Kars Springs Road Hampshire Road									
	Moonan Brook Road Avocado Road									
	Glenroy Road Possum Springs Road									
	Roma Road Mount Erin Road									
	Yarrawonga Road Nandowra Road									
	Dales Creek Road Sargeants Gap Road									
	Middlebrook Road Flight Springs Road									Tender documents to be wirtten and put out
NSW Betterment Program - Causeways	Ridgelands Road	\$ 1,872,000.00	NSW Betterment Program	May-25	May-25	\$0	On Track		On Track	for submissions

Project Name	Summary Scope / deliverables	Project Value	Funding Amount & Source	Target Completion Date	Estimated Completion Date	Cost to Date	Budget State	us Comment ອຸກ ບຸວ ທ	Schedule Status Comment	Activities for Next Three Months
	Flaggs Road			O	- 0					
	Lettybrook Road Upper Rouchel Road									
	Summerhill Road									
	Rosebud Road Studleigh Road									
	Upper Dartbrook Road									
	Mount Erin Road									
	Kars Springs Road Brawboy Road									
	Rotherwood Road									
	Coolah Road Ridgelands Road									
	Avocado Road									
NSW Betterment Program - Drainage	Yarrawonga Road	\$ 698,490,00	NSW Betterment Program	May-25	May-25	\$0	On Track		On Track	Tender documents to be wirtten and put out for submissions
NOW Detterment Flogram - Dramage	Middlehrook Road	Ψ 000,400.00	14044 Bottomont Flogram	Widy 20	Way 20	ΨΟ	On Hack		On Hack	ioi submissions
Public Cemeteries – Tree Planting	Tree planting in all cemeteries across the Shire	\$ 5,000.00	UHSC	Jun-23	Jun-24	\$0	On track		Completed	Funds exhausted for FY 23/24
Roads - Regional & Local Road Upgrades	Potholes & Heavy Patch Program	\$ 3,200,739.00	Regional & Local Road Repair Program	Feb-24	Feb-24	\$857,381	On track		On track	On track
	- Caracas arrivation of the caracas are a ca	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				4001,001				
									Refuelling station is completed and	
Scone Airport Development		\$ 23,600,000.00		Nov-22	Mar-24	\$22,094,405	On track		operational.	Workshop to be completed in 2024
·	De Vellender of Well Obert Orent Letter of Well Orent Orent Control or Well Orent Orent Control or Well Orent Orent Control or Well Orent Orent Control or Well Orent Orent Control or Well Orent Orent Control or Well Orent Orent Control or Well Orent Orent Control or Well Orent Orent Control or Well Orent Control or W									Works at St Aubins Park and west side Kelly
Scone CBD Revitalisation	Revitalisation of Kelly Street Scone between Kingdon and Susan Streets, a park at St Aubins Street and drainage works in Liverpool Street	\$ 23,816,273.00	Grants	Jun-24	Sep-24	\$2,026,559	Contract awarde	d within hudget	Works ongoing.	Street (St Aubins to Kingdon) to be completed by March.
Coolie CDD Novicanouner	a park at at 7 tabilio bitost and diamago works in Evolptor bitost	20,010,210.00	Granio	oun 2 i	COP 2.	ψ2,020,000	Contract awards	a wam baagat	Treme engenig.	oonipiotod by Maroni
										O malata O malata di malata da da da da
Scone EOC (Emergency Operation Centre) upgrade	Upgrade internet service and emergency operation centre infrastructure including generator	\$ 348,648.00	Resilience NSW	Jun-23	Oct-23	\$314,997	On track		Works Completed	Complete, Capatalisation due to be completed in Dec 23
			\$500,000			40			The state of the s	
			State Library \$1,350,000							
			Local Roads & Community							
			Infrastructure Fund				54 1 22 1 1		DA 111 D 1 1	
Scone Library Relocation	Installation of a library in the ground floor of the Campbells Corner building	\$ 2,500,000.00	\$750,000 UHSC		Dec-24	\$100,000	DA submitted. U	pdated costings	DA with Regional Planning Committee	DA approval. Contract drawings and tenders
Coolin Elbrary (torocaro).	Salaring	ψ 2,000,000.00	UNSC		500 2 1	ψ.00,000	roquirou		i idining committee	27 capprovali contract diamingo and tondoro
Sana Tanaia Chik	Court Description	\$ 191,278,00	00054	Nav. 00	A 00	\$182,838	On transla		Camalatad	Complete and annual
Scone Tennis Club	Court Resurfacing	\$ 191,278.00	SCCF4	Nov-22	Aug-23	\$182,838	On track		Completed Review scope	Complete and opened.
	Install UV treatment system, pre-chlorination and fluoride dosing systems					A			documents to go to	
Scone Water Treatment Upgrades	for the Scone water supply system.	\$ 1,850,000.00	UHSC	Aug-22	Dec-24	\$125,975	On track		tender Expressions of interest	Tendering UV Module
							Overspent - add	itional work	to user groups closed	Finalise draft concept plan and undertake
Masterplan for Jefferson Park	Development of a master plan for the Jefferson Park precinct.	\$ 50,000.00	UHSC	Jun-23	Feb-24	\$72,865	required		16 December	further consultation
									Design approval with Ausgrid currently from	
									second revision. DA	Quotes will be sought for construction after
Street Lighting	Lighting over pedestrian crossing located Vennacher Street Merriwa	\$ 60,000.00	UHSC SCCR4	Jun-23	Mar-24	\$13,701	On track		sorted.	design is approved.
			\$218,904							
			UHSC							
			\$40,000							
Swimming Pools - Merriwa Pool Amenities Upgrade	Upgrade to amenities	\$ 218,904.00		Nov-22	Sep-23	\$70,761	On track		On track	Project complete
			SCCF4							
			\$152,539							
			UHSC							
Swimming Pools - Scone Pool Amenities Upgrade	Upgrade to amenities	\$ 187,200.00		Nov-22	Sep-23	\$83,963	On track		Completed	Project complete
										Seek quotations for Stage 2 of project. Technical studies to be undertaken in Stage
										2 include determination of appropriate
										approved pathway, geotechnical
Waste Management - Aberdeen Waste Facility Expansion	Expansion of waste management facility	\$ 468,000.00	UHSC	Jun-23	Jun-24	\$4,116	On Track		Consultants engaged	investigations and concept design of landfill expansion.
•	· · · · · · · · · · · · · · · · · · ·					φ4,110				
Waste Management - Merriwa Transfer Station	Development of new transfer station.	\$ 278,801.00	UHSC	Jun-23	Jun-23		On track		On track	Specialist studies to be carried out
Waste Management - Murrurundi Transfer Station	Development of new transfer station.	\$ 275,591.00	UHSC	Jun-23			On track		of the land. Designs finalised. Ongoing.	Negotiate with local Indigenous group regarding Native Title Claim
Water Supplies - Moobi Road Water Booster Pump	Service principle of non-transfer station.	Ψ 213,391.00	01100	Jun-ZJ		+	Ontidok		iniansea. Origonig.	rogarding reduve Title Oldini
Station	Installation	\$ 255,000.00	UHSC		FY - 2025	<u> </u>				
Water Supplies - Replace High Tower Tank & Platform	-									
Aberdeen	Installation of high tower tank	\$ 255,000.00	UHSC	Jan-24	Jun-24	\$27,154	Deferred to 2023	3/2024	On Track	Re-scheduled majority of works to 2023/2024
		1	1		Ī	1				i

Project Name	Summary Scope / deliverables	Project Value	Funding Amou Source	m % % % % % % % % % % % % % % % % % % %	Estimated Completion Date	Cost to Date	Budget Status	Budget Status Comment	Schedule Status	Schedule Status Comment	Activities for Next Three Months
Water Supplies - Village Reticulation Project	Installation of three water standpipe filling stations, Parkville, Wingen, Blandford	\$ 600,0	00.00 SSW		Dec-23	\$597,000		Within Budget		On track	Completed and open to public. Capitalisation in December 2023
White Park Electrical Supply Upgrade	Upgrade supply of electrictiy to White Park	\$ 1,200,00	R4R7	Mar-23	Mar-24	\$775,000		Within Budget		Works in progress.	Installation of transformer and electrical connection.
Urban Raod Reseals	Whole of UHSC	\$ 420,0		Jun-23	Jun-24			On track			Designs Ongoing
Rural Rd Reseals	Whole of UHSC	\$ 770,0	00.00 UHSC	Jun-23	Jun-24			On track		On track	Designs Ongoing
Regional Road Reseals	Whole of UHSC	\$ 530,0	00.00 UHSC	Jun-23	Jun-24			On track		On track	Designs Ongoing

LEGEND

Good
Watch for Potential Issues
Requires Attention

FUNDIN	G SOURCE SUMMARY
DCP	Drought Communities Programme
SCCF	Stronger Country Communities
R4R	Resources for Regions
LRCIF	Local Roads & Community Infrastructure
CRIF	Crown Reserved Improvement Fund
BLERF	Bushfire Local Economic Recovery Fund
SSWP	Safe & Secure Water Programme
RNSW	Restart NSW
CRSUP	Driver Reviver Sites Upgrade Program
CPTIGS	Country Passenger Transport Infrastructure Grants Scheme



Infrastructure Services

ISC.03.4 MR358 WILLOW TREE ROAD UPGRADE

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Jeff Bush - Manager Strategic Assets

PURPOSE

The purpose of the report is to provide an update on the Coulson's Creek Road (MR358) Rehabilitation Project.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

Upper Hunter Shire Council undertook the construction of the Merriwa to Willow Tree Road (Coulson's Creek Rd, also known as MR358) in 2018.

Cracking of the pavement and downslope fill embankment appeared after completion of major earthworks in October and November 2019. Further cracking developed in February 2020.

Council engaged geotechnical engineers and after an initial site inspection on 3 March 2020, the geotechnical advice on the condition of road and associated infrastructure was to impose a 5 tonne load limit and single lane configuration. Further geotechnical investigations, fieldwork and daily, weekly and monthly monitoring has continued since then.

A Project Control Group (PCG) was formed in September 2020 with representatives from Upper Hunter Shire Council, Transport for New South Wales, Infrastructure New South Wales and Public Works Advisory. The PCG has been delegated with managing the road and the related design and construction phases of the project.

In January 2021, the PCG recommended following the latest geotechnical inspections, that the road be closed to all traffic with the key criteria of cracking extending to and beyond the centreline of the road. Council engaged GHD in successfully preparing Construction Documents (Detailed Design, Specifications and Review of Environmental Factors).

State government confirmed its \$9.6M funding for this project in 2022-23. This project was included in the 90 day Infrastructure Investment Program (IIP) Strategic Review by Federal Government in 2023 and Minister Catherine King announced that the project has been approved for funding in September 2023. The challenge for council was to establish project milestones in alignment with reporting and funding requirements. Moreover, the contract award was during the Christmas period where key staff and stakeholders have previously planned leave.

Completed activities and timelines

- Design completed 27 May 2022.
- Tender documents completed 15 December 2022.
- Mandatory pre tender meeting carried out on site 31 January 2023.
- Tenders closed 23 March 2023.
- Contract awarded 18 December 2023.
- Press release (Federal) 15 December 2023.
- Press release (UHSC) 15 December 2023.

This report outlines the further steps and current period's progress summary on MR358 project.



Infrastructure Services

REPORT/PROPOSAL

Progress in the last month

- Received WHS, Quality and Environmental Management Plans.
- Commenced work undertaking the establishment of erosion and survey controls.
- Survey set out for open drains and stormwater controls commenced 12th Feb.
- Site sheds arrived 20th Feb.
- Testing of insitu igneous rock (strong basalt) for gabion wall construction.
- Shotcrete trial panels and pumpability of concrete mix carried out at Boral Yard Quirindi.

Upcoming activities

- Complete assessment of Management Plan submissions.
- Finalise site establishment and erosion sediment controls.
- Engage specialist contractor and commence extensive gabion wall construction.
- Continue with procurement of precast stormwater items, gabion cages, quarry material, guardrail and HDPE pipes.
- Commence cross drainage works.
- Commence material processing of rock ballast fill to reduce the amount of gabion import (currently 63,000 tonne).

Project Funding summary

Funding committed by Federal Govt. \$38.6 M Funding committed by NSW State Govt. \$9.66 M Total Funding committed \$48.26 M

Key Milestones

Number	Description	Agreed date	Federal funding breakdown	State funding breakdown	Comment
1	Award of contract	Jan/Feb 2024	\$5 M	\$4 M	Awarded Dec 2023
2	Commence gabion wall construction	March 2024	\$12.4 M	\$2.9 M	
3	Commence Section 3 – chainage 1900 to chainage 2400	July 2024	\$9 M		
4	Commence Section 2 – Chainage 1120 to Chainage 1900	Nov 2024	\$7 M	\$1.76 M	
5	Sealing Section 3 and Section 4 (chainage 2400 to chainage 2860 – Shire boundary).	March 2025	\$4.2 M		
6	Submission and acceptance of post completion report.	25/26	\$1 M	\$1 M	

Delays/variations to date - Nil



Infrastructure Services

OPTIONS

- 1) To note the report.
- 2) To reject the report.

CONSULTATION

- General Manager
- Director Infrastructure Services
- Project Control Group
- Douglas Partners Pty Ltd
- GHD Pty Ltd
- Infrastructure New South Wales
- Transport for New South Wales
- Public Works Advisory

STRATEGIC LINKS

a. Community Strategic Plan 2032

This report links to the Community Strategic Plan 2032 as follows:

Connected Community

Developing and deepening connections of people to each other and their community.

- 1.4 Enhance partnerships to maintain a safe community.
- 1.5 Advocate for, support and provide services and facilities for the community.
- 1.7 Acknowledge and respect our Aboriginal culture, heritage and people.

Protected Environment

Ensuring the ongoing protection of our environment and natural resources.

- 2.3 Ensure all actions, decisions and policy response to natural hazards and climate change remain current.
- 2.6 Plan, facilitate and provide for a changing population for current and future generations.

Quality Infrastructure

Maintaining and developing our infrastructure network to meet the ongoing needs of our population.

4.4 Upgrade and maintain the road network and bridges.

Responsible Governance

Providing efficient and responsible governance in order to effectively serve the community.

- 5.3 Effective financial and asset management to ensure Council's long-term sustainability.
- 5.12 Provide timely and effective advocacy and leadership on key community issues and priorities.

b. Delivery Program

- Asset information, construction, survey and design service
- Long term asset renewal and enhancement programs
- The ability to actively pursue work orders to improve the quality of the Golden Highway and maximise the safety of the road users
- An avenue to continue to lobby for increased road funding



Infrastructure Services

- Construction and quality specifications for road construction
- Increased effectiveness of preventative maintenance work as part of maintenance management works practices
- Well maintained regional urban rural sealed and unsealed road networks

IMPLICATIONS

a. Policy and Procedural Implications

Parks, Sporting Fields, Footpath, Road and Bridge maintenance guidelines as identified within Asset Management Plans and Strategic Plans.

b. Financial Implications

Federal and State funding confirmed for construction.

c. Legislative Implications

Not applicable.

d. Risk Implications

The rehabilitation of Coulson's Creek Road is a substantial risk that will require appropriate management and control throughout the construction works. Current risks in the project include:

- Sub-contractor and resource availability (currently high demand in construction industry).
- Supply of water for road construction work in summer if hot & dry conditions prevail.
- Variable weather with intense rainfall may cause delays to the project.
- Communications on-site prior to establishment of satellite link.
- Insurance of works.

e. Sustainability Implications

There are some significant environmental issues that include mass fill movements, tree loss, erosion and sediment controls. These have been addressed in the design process and form part of the review of environmental factors.

f. Other Implications

Nil

CONCLUSION

The reconstruction and rehabilitation of MR358 Coulson's Creek Road is approximately 3 kilometres of dual lane single carriageway that will make it suitable for safe passage, including the use of Class 2 B-Double vehicles. The project has received successful funding from both Federal and State Governments and the project delivery updates are provided in this report.

ATTACHMENTS



Infrastructure Services

ISC.03.5 LOCAL ROADS INITIAL SEAL - PROJECT UPDATE

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Chris Agosto - Project Manager

PURPOSE

The purpose of this report is to provide an update on the three major road projects:

- Moonan Brook Road
- Barrington Tops Forest Road
- Hunter Road

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

This report provides information to assist in understanding the status of the project, what work has recently been completed and the work that is forecast for the next month, plus the revised forecast for the end of the project.

REPORT/PROPOSAL

Moonan Brook Road

Description of Works

Design and construction of the improvement, widening and initial seal of Moonan Brook Road, a total length of 3.5 km from the intersection with Hunter Road to just past the intersection with Barrington Tops Forest Road. This includes the upgrading of storm water drainage structures.

The Works will provide an improved level of service with greater access to the Moonan Brook Camping and Recreational Area and to the Barrington Tops National Park with increased safety by reducing the risk for road users with improved alignment and sight distances, additional safety barriers and signage. This will increase productivity for local primary producers and increase tourism within the region, which will provide an increase to the local economy.

Start of Construction – February 2023 Expected completion – March 2024

Note that the road will be open to traffic throughout the works.

This Period's Progress Summary

- Completion of gabion wall construction along the road shoulder.
- Completion of the placement of pavement material according to the road design.
- Completion of bitumen sealing and guardrail installation.
- Installation of road safety signs.

Next Period's Planned Activity

Submission of project completion report.



Infrastructure Services

Barrington Tops Forest Road

Description of Works

Design and construction of the improvement, widening and initial seal of Barrington Tops Forest Road, a total length of 9 km from the intersection with Moonan Brook Road. This includes the upgrading of storm water drainage structures.

The Works will provide an improved level of service across the Barrington Tops. It will increase safety by reducing the risk for road users with improved alignment and sight distances, additional safety barriers and signage and road widening on corners where possible. This will also increase tourism and productivity for local primary producers, which will benefit local economy.

The section of road between chainages 8350 and 8500 that is affected by the landslip is not included in this scope of works. The repairs of the landslip are another project with its own funding and budget and included in TfNSW Floodworks claims. The road design will be revisited to ensure it blends in with the final design of the repaired slip area.

Start of Construction – September 2023 Completion of Construction – August 2024 (likely to extend) Note that the road will be open to traffic throughout the works.

This Period's Progress Summary

- Continuation of the installation of stormwater pipes.
- Continuation of earthworks to widen the cuttings as per design.

Next Period's Planned Activity

- Completion of installation of stormwater pipes.
- Continuation of earthworks to widen cuttings.
- Commence placement of pavement materials.

Hunter Road

Description of Works

Design and construction of the improvement, widening and initial seal of Hunter Road, a total length of 4.0 km from Naracoorte. This includes the upgrading of storm water drainage structures. The Works will provide an improved level of service to Ellerston and Tomalla Road. It will increase safety by reducing the risk for road users with improved alignment and sight distances, additional safety barriers and signage and road widening on corners. This will increase productivity for local primary producers, which will provide an increase to the local economy.

Start of Construction – February 2024 Completion of Construction – February 2025 (likely to extend) Note that the road will be open to traffic throughout the works.

This Period's Progress Summary

• No activity during the last reporting period due to other roads prioritised.

Next Period's Planned Activity

- Delivery of more pipes and culverts.
- Possible installation of pipes after Barrington Tops Forest Road pipes are complete.



Infrastructure Services

OPTIONS

- 1) To note the report.
- 2) To reject the report.

CONSULTATION

- Director Infrastructure Services
- Manager Strategic Assets & Projects
- Finance Manager
- Executive Manager Works Delivery

STRATEGIC LINKS

a. Community Strategic Plan 2032

This report links to the Community Strategic Plan 2032 as follows:

Quality Infrastructure

Maintaining and developing our infrastructure network to meet the ongoing needs of our population.

- 4.4 Upgrade and maintain the road network and bridges.
- b. Delivery Program
- c. Other Plans

Nil.

IMPLICATIONS

a. Policy and Procedural Implications

Nil.

b. Financial Implications

Funding

Funding for the Local Roads Initial Seal Project is broken down in the table below.

Funding Source	Road Project			
	Moonan Brook Rd	Hunter Rd	BT Forest Rd	
Fixing Local Roads	\$4,900,000	\$3,000,000	\$7,224,234	
Roads to Recovery	\$500,000	Nil	Nil	
LRCIF	Nil	Nil	\$1,460,868	
HVSPP	Nil	\$2,000,000	Nil	
UHSC	\$200,000	\$604,899	\$1,184,585	
Total Funding	\$5,600,000	\$5,604,899	\$9,869,687	



Infrastructure Services

Expenditure

The expenditure to date for each road is shown in the table below.

Road Project	Job-to-date	Budget	% of Budget Spent
Moonan Brook Rd	\$ 4,055,823	\$5,600,000	72%
BT Forest Rd	\$1,939,806	\$9,869,687	20%
Hunter Rd	\$460,596	\$5,604,899	8%

 Current estimates for Moonan Brook Road are that there will be approximately \$1.25M left in the budget when the works are complete to chainage 3,500.

Proposed works beyond chainage 3,500 include:

- Complete road construction and seal according to design between the intersection with Barrington Tops Forest Road and Moonan Brook bridge at chainage 4,310.
- Place a 200mm gravel overlay over existing and seal the road as it goes past the Moonan Brook tennis courts between chainages 400 and 580 (Teagues Crossing causeway).

An application for a scope and time variation has been submitted to TfNSW for concurrence to continue these works.

c. Legislative Implications

Nil.

d. Risk Implications

A risk register is being maintained for the three roads. The current major risks are shown in the table below.

Risk Ratin		Management Action	Status
Cost exceeding budget	Medium	Tight control of expenditure & scope	Ongoing
Late completion	High	Monitoring of progress & sequencing of activities	Ongoing
Widening of cuttings being hard	Medium	Employ contractor with suitable equipment	Ongoing
Slope failure	Medium	Monitor actual against design Seek geotechnical advice	Ongoing
Environmental damage	Low	Ensure sediment controls are in place	Ongoing
Sourcing pavement material	Low	Crushing material from Ellerston quarry and winning material from Challis Cutting quarry	Ongoing
Slip area preventing construction of BTF Rd beyond Ch 8,300	High	Monitoring progress of the flood damage repair works	Ongoing

e. Sustainability Implications

Nil.

f. Other Implications



Infrastructure Services

CONCLUSION

This report provides progress updates on three initial seal projects. Moonan Brook Road has progressed to practical completion. Barrington Tops Forest Road is continuing with installation of stormwater pipes and earthworks. Hunter Road is yet to commence construction with pipes and culverts currently being delivered. With careful management of budgets, timelines, and risks, these projects aim to enhance local infrastructure, bolster safety, and stimulate economic growth.

ATTACHMENTS



Infrastructure Services

ISC.03.6 SCONE CBD REVITALISATION PROJECT

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Allan Greer - Project Manager

RECOMMENDATION

That the Committee receive the report and note the information

BACKGROUND

This report provides information on the current status of the project, what work has recently been completed, work forecast for the next month and the revised timelines for the end of the project.

Description of Works

Daracon Contractors Pty Ltd have been appointed to undertake Stage 1 of the Scone CBD Revitalisation Project. Stage 1 is the redevelopment of Kelly Street between Kingdon and St Aubins Streets, including St Aubins Town Square.

The project comprises the construction of new wider footpaths, additional crossings and parking, road resurfacing, landscaping and upgrades to utilities (electrical, water and pedestrian lighting).

This period's progress summary

St Aubins Town Square

• Milling and resealing of St Aubin's Square cul-de-sac



Sealing Works in St Aubins Street

UPPER HUNTER SHIRE COUNCIL

Infrastructure Services



Sealing Works St Aubins Street

Block 2 (Liverpool to St Aubins Streets) - West

• Finishing works (Concrete sealing, rectifying defect works)

Block 1 (Kingdon to Liverpool Streets) - West

- Completion of footpath concreting
- Continuation of paving, horse plaque install
- Landscaping (soft works)
- Intermediate Asphalt placement
- Opening northbound to traffic



Block 1 West – Landscaping and Sandstone Posts



Block 1 West - Footpath and Paver Banding

Infrastructure Services







Block 1 West - Intermediate Asphalt Works



Block 1 West – Line Marking and Finishing Works

UPPER HUNTER SHIRE COUNCIL

Infrastructure Services



Block 1 West - Opened to Traffic, 22 February 2024

Block 2 (Liverpool to St Aubins Streets) - East

- Completion of storm water drainage
- Commencement of storm water pits
- Removal of streetlights
- Completion of water main installation (cutover outstanding)
- Drilling for pavement dowels



Block 2 East - Storm Water Drainage and Pits



Block 2 East - Water Main Installation

UPPER HUNTER SHIRE COUNCIL

Infrastructure Services







Block 2 East - Building Stormwater Pit

Works planned for next period

St Aubins Town Square

Removal of Ausgrid streetlight, completion of remaining concrete panel

Block 2 (Liverpool to St Aubins Streets) – West and Medians

- Street furniture installation
- Finishing and defect works
- Streetlight install

Block 1 (Kingdon to Liverpool Streets) – West and Medians

- Street furniture installation
- Finishing and defect works
- Streetlight install

Block 2 (Liverpool to St Aubins Streets) - East

- Water main cut over
- Telstra asset adjustment
- Ausgrid electrical upgrade works

Block 1 (Kingdon to Liverpool Streets) - East

- Saw cutting and removal of base course
- · Commencement of storm water

Contract Update

Kelly Street Stage 2 (St Aubins Street to Susan Street)

• Continue preparation of tender documentation for Block 3, St Aubins to Susan Street. This work will form part of a separate contract to the current works.



Infrastructure Services

Contract Completion Dates for Stage-1

Area	Current Contract Completion Date	Comments and Progress updates
St Aubins Town Square	October 2023	Completed
B1 - West	February 2024	Completed
B1 - East	September 2024	5% Complete
B2 - West	December 2023	Complete
B2 - East	July 2024	30% complete

OPTIONS

Nil.

CONSULTATION

- General Manager
- Director Infrastructure Services
- Manager Assets and Strategic Projects
- Manager Finance
- Manager Water and Sewer
- Kelly Street property owners and businesses
- Transport for NSW
- Scone Chamber of Commerce
- Scone CBD Revitalisation Project Control Group

STRATEGIC LINKS

a. Community Strategic Plan 2032

This report links to the Community Strategic Plan 2032 as follows:

Protected Environment

Ensuring the ongoing protection of our environment and natural resources.

2.6 Plan, facilitate and provide for a changing population for current and future generations.

Thriving Economy

Strengthening our vibrant industries and economy while seizing emerging opportunities.

- 3.1 Broaden and promote the range of business and industry sectors.
- 3.2 Encourage retail and commercial business to increase local employment opportunities.
- 3.3 Provide attractive and functional town centres and support revitalization of the towns and villages including investment in built heritage and improvement of existing buildings.
- 3.6 Facilitate and support increased and innovative tourism and marketing opportunities.

Quality Infrastructure

Maintaining and developing our infrastructure network to meet the ongoing needs of our population.

- 4.1 Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
- 4.2 Provide inviting public spaces that are clean, green, properly maintained, well designed, encourage active participation, family friendly and accessible to all.
- 4.2 Provide inviting public spaces that are clean, green, properly maintained, well designed, encourage active participation, family friendly and accessible to all.



Infrastructure Services

b. Delivery Program

c. Other Plans

• Scone Town Revitalisation Masterplan (2016).

IMPLICATIONS

a. Policy and Procedural Implications

Nil.

b. Financial Implications

Funding

Funding for the project is shown in the table below

Sources of Funds	
Drought Stimulus Grant	\$7,000,000
Restart NSW	\$2,965,782
Public Places Legacy Program	\$2,000,000
Transport for NSW	\$2,110,692
Upper Hunter Shire Council (UHSC) - General Fund	\$988,595
Upper Hunter Shire Council (UHSC) - Water Fund	\$992,569
Community Development Grants Program	\$8,000,000
Total Funding	\$24,057,638

Expenditure to Date

Approved Total Project Budget	\$24,057,638
Amount spent to date	\$12,030,965
% of Budget	50.00%

c. Legislative Implications

Nil.

d. Risk Implications

A risk register is being maintained for Scone CBD Revitalisation. The current major risks are show in the table below.

Risk	Rating	Management Action	Status
Cost exceeding budget	Medium	Tight control of expenditure	Ongoing
Late completion	Medium	Monitoring of progress and sequencing	Ongoing
		of activities	

e. Sustainability Implications

Nil.

f. Other Implications



Infrastructure Services

CONCLUSION

This report provides an overall update regarding the current status of this project, highlighting any emerging risks or issues. CBD Revitalisation project seems to be progressing well with approximately 50% of budget expended already. The next stage of the project will be redesigned and tendered out in the following months.

ATTACHMENTS



Infrastructure Services

ISC.03.7 QUESTIONS WITH NOTICE

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services **AUTHOR:** Anna Brennan - Infrastructure Support Officer

RECOMMENDATION

That the Committee note the questions received and responses provided.

BACKGROUND

Questions with notice must be provided in writing no less than five (5) business days prior to the meeting.

The following question with notice has been received and response is provided below.

Cr Clout

Can an update be provided on how the funding for the new library In Scone is progressing?

Response:

There are two main components in the library upgrade:

Internal works: Ensuring compliance with fire safety, accessibility, and general building

conditions on both levels.

Upgrade works: Including fit-outs for the library.

The total funding required for this project amounts to \$3.5-3.8M.

Currently, we have secured \$2.55M from the following sources:

\$1.3M from the Community Infrastructure Fund \$500k from State Libraries \$750k from the Council's sale of a building

Apart from that, there is \$830k allocated for addressing external building defects and non-compliances. Council has also applied for \$780k in a recent funding program and awaiting confirmation.

Progress on the project: We've engaged a project manager who's coordinating early works and scheduling.

ATTACHMENTS



Infrastructure Services

ISC.03.8 RESPONSES TO PREVIOUS QUESTIONS

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services **AUTHOR:** Anna Brennan - Infrastructure Support Officer

PURPOSE

The purpose of the report is to provide an update to Councillors on questions asked at the previous Infrastructure Services Committee meeting.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

At each Infrastructure Services Committee meeting the Councillors ask questions to the Infrastructure Services Director and Managers. Some questions require further investigation.

This report is to provide a record of the questions being asked by the Councillors and to ensure Council have provided answers and relevant information as required.

This report will show the questions raised from the last meeting and any outstanding questions. Please note that if the question is a service request the question will be moved to the CRM system and will not be shown in this report.

REPORT/PROPOSAL

Councillor Questions Taken on Notice at the February meeting.

ISC.02.3 - Strategic & Capital Works Update

COUNCILLOR QUESTIONS

Cr Campbell requested an update on the grant funded project for the transfer stations at Merriwa and Murrurundi

Response: Director Environmental and Community Services advised negotiations are continuing in relation to land acquisition at the Murrurundi site while design and planning for the Merriwa site is underway.

Cr Campbell requested clarification of what Merriwa School of Arts – Sound System is. (Ref line item # 132 of CAPEX report)

Response: Finance Manager advised Costs related to the replacement of the School of Arts kitchen refrigerator. The naming convention in the general ledger was incorrect and has now been amended.

OPTIONS

1. Note the report.



Infrastructure Services

ATTACHMENTS