
Infrastructure Services Committee Agenda

13 August 2024 at 12.30pm

To All Councillors

You are hereby notified that the next meeting of the Infrastructure Services Committee will be held on 13 August 2024 in the Council Chambers at , 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, Cr Tayah Clout, Mayor Maurice Collison and Cr Allison McPhee.

**GREG MCDONALD
GENERAL MANAGER**

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

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INFRASTRUCTURE SERVICES REPORTS

ISC.08.1 *WORKS PROGRAM - INFRASTRUCTURE SERVICES - WATER AND SEWER*

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Grahame Wilson - Manager Water & Sewer

PURPOSE

The purpose of this 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								
Item	Description	Unit	Annual Target	Monthly Target	Monthly Actual	YTD Target	Actual YTD	Comments
Water Services	Supply of potable water for customers within Council's testing methods	%	98	98	100	98	100	Nil
Water & Sewer Services	Water and sewer asset renewal as a percentage of depreciation	%	100	8.3	0.9	8.3	0.9	Nil
Water & Sewer Services	Capital Works completed	%	80	6.6	5.1	6.6	5.1	Nil

No recycled effluent water was used in July due to wet and cold weather.

Scone Water Treatment Plant (Joint with Muswellbrook Shire Council)

A Project Control Group (PCG) meeting occurred on 12 July 2024 at Muswellbrook Shire Council. The PCG reviewed two quotes to undertake a financial Business Case to verify the

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costs to construct and operate a joint water treatment plant. The PCG endorsed the engagement of BECA to complete this task for \$39,311.00 excluding GST.

Scone Sewage Treatment Plant

The Sludge Removal project has been awarded to Dredging Solutions Pty Ltd and is due to commence in November 2024. Some minor pre-work to get the area ready to accept truck movements will be undertaken prior to commencement.

Sewer Relining Program

Sewer main relining is planned to commence between March and in the third and fourth quarter of this Financial Year, due to project management resources. The deferral of this work will reduce the KPI and Renewal/Depreciation in the first part of the Financial Year.

Water Main Renewal Work

The next program of works for water main replacements has been awarded to Demand Plumbing and Civil. The works are expected to commence in mid-August 2024 at Aberdeen.

Integrated Water Cycle Management Plan

The ground water study report at Cassilis and Merriwa is in the final draft stage for review with the Department of Climate Change, Energy, the Environment and Water (DCCEEW). An asset condition assessment for all above ground water and sewer assets have been completed with Public Works Advisory (PWA), who is preparing the report.

Scone to Murrurundi Pipeline

Three easements have been lodged with the Land Registry Services (LRS) with Council waiting on a response to confirm that the process is complete. One of the easements is within a probate process, expecting to be several months. No easements were finalised during this reporting period.

The Warlands tank site has been purchased by UHSC and is currently classified as Community Land. The land is currently in the 30 day public notification period before it will be reclassified to Operational Land.

Merriwa Sewage Treatment Plant

In June 2024, Council resolved to endorse the compulsory acquisition of an easement parcel and the process is currently continuing.

Aberdeen Golf Course water usage

Council resolved in July 2024, to allocate \$10,000 funding annually to Aberdeen Golf Club through a Deed of Agreement. The purchase of the perpetual water licence for an additional 5ML will be progressed in the coming weeks.

Glenbawn Dam Pipework Discharge

Detailed design works for the pipe support has been contracted to PWA and expected to commence in August 2024. The design review process is expected to take around six months.

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Murrurundi Dam

Council officers have commenced the lowering of Murrurundi Dam water level. Water is being constantly released at a slow rate. The level is currently at 5.9m, down from 8.4m.

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:

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.
- 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.

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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

No new significant risk implications identified

e. Sustainability Implications

Nil

f. Other Implications

Nil

CONCLUSION

This report provides a summary of activities in the water and sewer area. There are currently no significant field works being delivered in August 2024. Sludge Removal and Water Main Replacement projects have been awarded to contractors and the works are scheduled for summer months. Other long-term projects such as Glenbawn Tunnel pipeline repairs, Joint Water Treatment Plant and Merriwa Sewer Treatment Plant discharge pipeline project are progressing.

ATTACHMENTS

Nil.

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ISC.08.2 **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 update on the Works Delivery Programs undertaken in the previous month and what is planned for the upcoming months.

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 FY 24/25 for the last reporting period.

Item	Unit	Monthly Target	YTD Target	Annual Target	Monthly Actual	YTD Actual	Comments
80% Capital Works Completed	%	6.6	6.6	80	1.25	1.25	Below monthly target with new financial year. July invoices pending. Lost few days of work due to rain and fog.
90% Maintenance Completed	%	7.5	7.5	90	10.56	10.56	Exceeded the monthly target.
95% of Customer Complaints closed within 14 days	%	95	95	95	99	99	Exceeded the monthly target.

Key Activities:

Maintenance Grading Program

Council is using an innovative technology (known as RACAS) to monitor the condition of roads. This will facilitate the council officers to assess and determine the requirement of grading, based on customer request. The grading program for the current financial year (FY) is based on the Council's Asset Management Plan (refer to Attachment 1). Adjustments to the grading program will be made, based on the progress with the Council's capital and flood damage rectification works program.

Jefferson Park Masterplan

The final version of Jefferson Park Masterplan was adopted by Council on 29 July 2024.



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AGRN 987 (Event 6) –Emergency Works (EW) and Immediate Reconstruction Works (IRW)

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 and IRW were undertaken within 3 months of the storm event. A claim was submitted to Transport for NSW for reimbursement of these expenses. Additional information was requested by TfNSW and they were provided by the Council on 1 August 2024, with further negotiations in progress.

AGRN 987 (Event 6) - Essential Public Asset Reconstruction (EPAR)

TfNSW had approved \$2,971,840.00 on December 2022. Council has currently completed 42% of the works. In order to complete the works, an extension of time until 30 June 2025 was requested by the Council. Council has submitted claims for \$1,052,635.32 and has received approximately 75% of these funds.

AGRN 987 (Event 6) – Flood Recovery Works - Design and Construction Culvert Package (D&C Culvert Package)

TfNSW has approved a total cost of \$1,546,782.44 including project management for the following culvert upgrades:

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

Council has awarded Tender 01/2024 to Civilwise Pty Ltd on 2 February 2024. All necessary permits from Department of Primary Industries (DPI) have been obtained. The contractor is finalising the designs based on the Council's feedback and works delivery is expected to commence in the following weeks.

AGRN 1012 (Event 7) – Barrington Tops Forest Road – Landslip Remediation Works

Council has completed the geotech investigation and re-design from qualified and experienced consultants, for the landslip section located approximately 17 km NE of Moonan Flat on Barrington Tops Forest Road. TfNSW has reviewed and approved \$4.4M including contingency. A confidential tender evaluation report was submitted to the Ordinary Council Meeting held on 29 July 2024 and was approved. The contract was awarded to Rix Group Pty Ltd.

AGRN 1012 (Event 7) Essential Public Asset Reconstruction (EPAR)

The approved funding for these damage works was \$1.89 M. Council has completed 19% of works to date. An extension of time until 30 June 2026 has been requested from TfNSW to complete the works. No further updates during this reporting period.

Council has been successful in obtaining in-principle funding approval from NSW Government under the Regional & Transport Recovery Package to the sum of \$2,395,490.00. The project will replace 32 existing gravel causeways with concrete causeways and upgrade stormwater drainage at 25 road crossings with pipe culverts, across the Shire. Specialist contractor has been engaged for the project management works. Council has explored the market value to deliver this project and it is expected to be more than \$4M. Council is currently negotiating with TfNSW to get the funds approved and obtain the funding deed.

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AGRN 1012 (Event 7) - NSW Severe Weather and Flood Grant - Category D

The projects already completed and those are in the planning stage are listed in Table 1 and 2 respectively. The claims to TfNSW are currently being processed.

Table 1: Projects completed

Project Name	Project cost
Rehabilitation of Cullingral Road - 950 m	\$215,000
Bill Rose Flood Recovery Fence	\$7,598.78
Golf course Fence	\$25,000
St Andrews Reserve - Cleaning	\$1,228.48
Local Road Flood Repairs	\$57,158.93

Table 2: Projects in planning stage

Project name	Fund allocated
Bill Rose Flood Recovery Internal Road	\$126,000
Bill Rose Flood Recovery Parking (under the bypass)	\$60,000
Golf course Bridge Approaches	\$50,000
Kingdon Street Causeway	\$250,000
Kars Springs Road Causeway	\$223,013.84

Extension of time to complete these projects was granted to all these projects until 30 June 2026 by the Office for Local Government (OLG).

AGRN 1034 (Event 8) - Essential Public Asset Reconstruction (EPAR)

TfNSW has approved \$1,250,380.00 on June 2023. Works are being undertaken in conjunction with the scheduled maintenance program. The expenditure to date is \$18,000.00. An extension of time until 30 June 2026 has been requested from TfNSW to complete the works. No further updates during this reporting period.

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 in FY23/24. 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 assessing alternative design options to fit the project within the budget.

Regional & Local Road Repair Program

In September 2023, the NSW Government announced \$4.4M in the Regional Emergency Road Repair Fund (RERRF) which is a top up to \$3.2M allocated through the Regional and Local Roads Repair Program (RLRRP) in FY22/23. Council has submitted a milestone program for the total value of \$7.68M that is being executed between FY 23/24 to FY27/28. Council has already completed works worth of \$5.02 M in FY 23/24 (refer to Attachment 2).

OPTIONS

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

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CONSULTATION

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

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

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- 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

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

This report provides updates on KPIs, key projects and road maintenance programs. Progress is being made on various flood damage works, despite some delays due to TfNSW administrative processes. Additionally, significant funding has been secured for road repairs and infrastructure improvements, showing a proactive approach to enhancing community assets.

ATTACHMENTS

- [1↓](#) UHSC - Grading Program 2024-25
- [2↓](#) Re-sheet, Re-seal & Heavy Patching FY2023-24

Upper Hunter Shire Council - Grading Program 2024/2025					
Merriwa 2024-2025					
July	August	September	October	November	December
Wollar	Summer Hill	Dales Creek	Depot	Sunnyside	Roma
Flight Spring	Worondi	Gummum	Mountain Station	Mount Erin	Hampshire
	Glenroy	Middle Creek	Cullingral	Idaville	Binks
	Flaggs		Tunbridge		
	Westwood		Avocado		
	Old Scone		Forest Reserve		
			Killoe		
January	February	March	April	May	
Hulks	Pembroke	Borambil Racecourse	Mountain Station	Idaville	
Pembroke	Summer Hill	Darkwood	Yarrawonga		
Flight Springs	Comiala	Cooba Bulga	Martin's Lane		
		Rotherwood	Coolah		
Murrurundi 2024-2025					
July	August	September	October	November	December
Waverley Road	Glenalvan	Sandy Creek	Mckenzie's	Pages Creek	Timor Gundy
	Pages River road	Cooga	Timor-Crawney	Pages Creek	Moonan Brook Rd
	Warlands Creek	Tinseys	Sargeants Gap	Pages Creek	Barrington Tops Forest Road
	Haydons Woolshed	Green Creek		Pages Creek	Tomalla Road
	Scotts Creek	Edmonds		Ellerston	
		Timor Creek		Hunter Road Ellerston to Moonan	
		Rileys		Hunter Road Ellerston to Moonan	
		Branch Creek (Ellerston)		Waverley Road	

January	February	March		May	
Barrington Road	Pheasants Creek	Hunter Road Ellerston to Glenrock		Timor Gundy	
	Ringwood	Glenroy		Barrington Tops Forest Road	
	Poly Fogal	Timor-Crawney		Ringwood	
Score 2024-2025					
July	August	September	October	November	December
Ashbrooke	Wingen Village Street	Moobi	Upper Dartbrook	Ridgelands	Halls
Petwyn Vale	Parkville Village Street	Yarrandi	Brawboy	Bunnan Village Street	Halls
Banool	Dry Creek	Thompsons Creek	Upper Dartbrook	Sophia Creek	Rouchel Gap Rd
Common	Middlebrook Rd	Sparkes Creek	Beales Creek	Rossgole	Stoney Creek
Wallington	Clifflands	Upper Dartbrook			Back Creek
Turanville		Kiernans Creek			Upper Rouchel
Kars Springs					
Yarrandi					
Mareeba					
January	February	March			
Upper Rouchel	Stewarts Brook	Miranee			
Davis Creek	Stewarts Brook	Gundy Village St			
Halcombe	Belltrees	Upper Dartbrook			
Turanville	Belltrees	Upper Dartbrook			
Leighton Park		Upper Dartbrook			
Glen Creek					
Mossvale					

Regional Emergency Road Repair Fund (RERRF) Expenditure			
Financial Year 2023/24			
Road or/Suburb Name	Work Activity Type	Quantity in m²	Cost (\$)
Gummun	Gravel resheeting	21,000.0	\$ 126,000.00
Hampshire	Gravel resheeting	14,000.0	\$ 84,000.00
Forest Reserve	Gravel resheeting	20,720.0	\$ 124,320.00
Rotherwood	Gravel resheeting	15,050.0	\$ 90,300.00
Westwood	Gravel resheeting	18,130.0	\$ 108,780.00
Warlands Creek	Gravel resheeting	15,400.0	\$ 92,400.00
Halls	Gravel resheeting	7,000.0	\$ 42,000.00
Kars Springs	Gravel resheeting	28,000.0	\$ 168,000.00
Moobi	Gravel resheeting	18,200.0	\$ 109,200.00
Ridgeland	Gravel resheeting	17,500.0	\$ 105,000.00
Rossgole	Gravel resheeting	32,200.0	\$ 193,200.00
Haydon	Resurfacing works	2,552.0	\$ 13,525.60
Liverpool	Resurfacing works	1,728.0	\$ 9,158.40
Boyd	Resurfacing works	630.0	\$ 3,339.00
Boyd	Resurfacing works	440.0	\$ 2,332.00
Haydon	Resurfacing works	560.0	\$ 2,968.00
Liverpool	Resurfacing works	650.0	\$ 3,445.00
Murulla	Resurfacing works	1,750.0	\$ 9,275.00
Victoria	Resurfacing works	352.0	\$ 1,865.60
Nyarra	Resurfacing works	7,930.0	\$ 42,029.00
Oxford Rd	Resurfacing works	510.0	\$ 2,703.00
Susan	Resurfacing works	3,806.0	\$ 20,171.80
Susan	Resurfacing works	4,280.0	\$ 22,684.00
Sydney	Resurfacing works	3,325.0	\$ 17,622.50
Towarri	Resurfacing works	7,564.0	\$ 40,089.20
Waverley	Resurfacing works	397.0	\$ 2,104.10
Waverley East	Resurfacing works	1,185.0	\$ 6,280.50
Waverley East	Resurfacing works	774.0	\$ 4,102.20
Waverley West	Resurfacing works	1,285.0	\$ 6,810.50
Waverley West	Resurfacing works	860.0	\$ 4,558.00
Aberdeen	Resurfacing works	1,200.0	\$ 6,360.00
Bottlebrush Pl	Resurfacing works	560.0	\$ 2,968.00
Hill	Resurfacing works	560.0	\$ 2,968.00
Hill East	Resurfacing works	360.0	\$ 1,908.00
Lang Pl	Resurfacing works	1,805.0	\$ 9,566.50
Waverley West	Resurfacing works	1,201.0	\$ 6,365.30
Waverley East	Resurfacing works	370.0	\$ 1,961.00
Liverpool	Resurfacing works	410.0	\$ 2,173.00
Main	Resurfacing works	2,580.0	\$ 13,674.00
Muffett	Resurfacing works	4,059.0	\$ 21,512.70
Oxford Rd East	Resurfacing works	1,775.0	\$ 9,407.50
Oxford Rd West	Resurfacing works	1,667.0	\$ 8,835.10
Park	Resurfacing works	1,241.0	\$ 6,577.30
Park East	Resurfacing works	422.0	\$ 2,236.60
Park East	Resurfacing works	1,320.0	\$ 6,996.00
Short	Resurfacing works	2,928.0	\$ 15,518.40

Short St North	Resurfacing works	885.0	\$	4,690.50
Short St South	Resurfacing works	1,968.0	\$	10,430.40
St Aubins	Resurfacing works	1,996.0	\$	10,578.80
Cullingral	Resurfacing works	5,320.0	\$	28,196.00
Cullingral	Resurfacing works	14,280.0	\$	75,684.00
Summerhill	Resurfacing works	23,840.0	\$	126,352.00
Westwood	Resurfacing works	5,680.0	\$	30,104.00
Haydons Lane	Resurfacing works	2,400.0	\$	12,720.00
Allan Bridge	Resurfacing works	16,800.0	\$	89,040.00
Allan Bridge	Resurfacing works	5,600.0	\$	29,680.00
Allan Bridge	Resurfacing works	4,240.0	\$	22,472.00
Armstrong	Resurfacing works	960.0	\$	5,088.00
Ashbroke	Resurfacing works	700.0	\$	3,710.00
Blairmore Lane	Resurfacing works	21,375.0	\$	113,287.50
Blairmore Lane	Resurfacing works	4,800.0	\$	25,440.00
Blairmore Point	Resurfacing works	3,000.0	\$	15,900.00
Glenbawn	Resurfacing works	10,400.0	\$	55,120.00
Kars Springs	Resurfacing works	12,000.0	\$	63,600.00
Kars Springs	Resurfacing works	3,000.0	\$	15,900.00
Middlebrook	Resurfacing works	18,400.0	\$	97,520.00
Middlebrook	Resurfacing works	28,000.0	\$	148,400.00
Middlebrook	Resurfacing works	20,400.0	\$	108,120.00
Moobi	Resurfacing works	1,800.0	\$	9,540.00
Nandowra	Resurfacing works	19,200.0	\$	101,760.00
Bunnan Rd	Heavy road patching	1,500.0	\$	120,000.00
Timor Rd	Heavy road patching	4,251.0	\$	340,080.00
Timor Crawney Rd	Heavy road patching	177.0	\$	14,160.00
Gundy Rd	Heavy road patching	1,769.0	\$	141,520.00
Glenbawn Rd	Heavy road patching	345.5	\$	27,640.00
Segenhoe Rd	Heavy road patching	1,025.0	\$	82,000.00
Waverley Rd	Heavy road patching	305.0	\$	24,400.00
Hunter Rd	Heavy road patching	338.0	\$	27,040.00
Stewarts Brook Rd	Heavy road patching	197.0	\$	15,760.00
Paradise Rd	Heavy road patching	88.0	\$	7,040.00
MacKenzie Street	Heavy road patching	330.0	\$	26,400.00
St Andrews Street	Heavy road patching	48.0	\$	3,840.00
Moray Street	Heavy road patching	157.0	\$	12,560.00
McAdam Street	Heavy road patching	43.0	\$	3,440.00
	Heavy road patching	25.0	\$	2,000.00
Perth Street	Heavy road patching	332.0	\$	26,560.00
	Heavy road patching	108.0	\$	8,640.00
Campbell Street	Heavy road patching	24.0	\$	1,920.00
Kyuga Street	Heavy road patching	340.0	\$	27,200.00
Graeme Street	Heavy road patching	24.0	\$	1,920.00
Marquet Street	Heavy road patching	252.0	\$	20,160.00
	Heavy road patching	223.0	\$	17,840.00
John Street	Heavy road patching	315.0	\$	25,200.00
Langley Street	Heavy road patching	108.0	\$	8,640.00
Gooch Street	Heavy road patching	157.0	\$	12,560.00
Maccartney Street	Heavy road patching	354.0	\$	28,320.00

Cullingral Street	Heavy road patching	120.0	\$	9,600.00
Polding Stree	Heavy road patching	355.0	\$	28,400.00
Halls Road	Heavy road patching	208.0	\$	16,640.00
Haydon Street	Heavy road patching	320.0	\$	25,600.00
Pages Street	Heavy road patching	320.0	\$	25,600.00
Miller Street	Heavy road patching	200.3	\$	16,020.00
Belletree Street	Heavy road patching	150.0	\$	12,000.00
White Street	Heavy road patching	140.0	\$	11,200.00
Hunter Road	Heavy road patching	627.0	\$	50,160.00
Stewarts Brook Road	Heavy road patching	411.0	\$	32,880.00
Mountain Station Rd	Heavy road patching	2,080.0	\$	166,400.00
Kars Springs Rd	Heavy road patching	147.0	\$	11,760.00
Cullingral Road	Heavy road patching	399.0	\$	31,920.00
Tunbridge Road	Heavy road patching	553.0	\$	44,240.00
Ulan Road	Heavy road patching	1,560.0	\$	124,800.00
Vinegaroy Road	Heavy road patching	260.0	\$	20,800.00
Aberdeen Urban Street	Heavy road patching	1,750.0	\$	140,000.00
Merriwa Urban Street	Heavy road patching	1,700.0	\$	136,000.00
Murrundiu Urban street	Heavy road patching	1,800.0	\$	144,000.00
Village Street	Heavy road patching	1,900.0	\$	152,000.00
Middlebrook Rd	Heavy road patching	168.0	\$	13,440.00
Total Financial Year 2023/24			\$	5,020,924.00

Infrastructure Services

ISC.08.3

STRATEGIC AND CAPITAL WORKS UPDATE

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Anna Brennan - Infrastructure Support Officer

PURPOSE

The purpose of this report is to provide an update on capital works projects within the 2024/2025 budgetary period.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

As part of the 2024/25 Delivery Program and Operational Plan (DPOP), a schedule of the planned capital works has been prepared. This report details the progress on strategic and capital works within Infrastructure Services in FY24/25 – refer to Attachment 1.

REPORT/PROPOSAL

	Capital Works – June 2024			
	Original Budget	Revised Budget	YTD Budget	YTD Actual
Projects	\$70,961,000	\$70,961,000	\$995,000	\$889,503
% of YTD Actual works completed to Revised Full Year Budget				1.25%
% of YTD Actual works completed to Revised YTD Budget				89.40%

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

STRATEGIC LINKS

a. Community Strategic Plan 2032

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

Infrastructure Services

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.

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.

Infrastructure Services

b. Financial Implications

All works have been budgeted for in accordance with the DPOP 2024/25.

c. Legislative Implications

Not applicable.

d. Risk Implications

Adequate planning, quality checks and timely delivery of capital projects assists Council to mitigate their risk exposure.

e. Sustainability Implications

Nil.

f. Other Implications

Not applicable

CONCLUSION

This capital works report provides an overview on the progress of capital works scheduled for the 2024/25 Financial Year.

ATTACHMENTS

- [1](#) Grants and Capital Works Delivery Spreadsheet for FY 2024-25

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 Tops 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	Feb-25	FY- 24 / 25	\$3,448,956	On track	Construction being undertaken by Council managing local sub-contractors. Project on budget.	On track	Continue with earthworks on cuttings into the 8th km. Continue with concrete dish drain into 4th & 5th kms. Continue the placement of pavement materials into the 2nd & 3rd kms.	
Campbells Corner External Upgrade	Parapet repair, façade upgrades to windows, brickwork, sails, awning and decorative painting	\$ 842,000.00	Resources for Regions	FY- 25 / 26	FY- 25 / 26	\$0	On track		In progress	Further grant funding applied.	
Hunter Road Upgrade	Upgrade of road for its first seal. Includes drainage structures and causeway improvements.	\$ 5,604,900.00	\$2,000,000 Heavy Vehicle Safety & Productivity Program \$3,000,000 Fixing Local Roads FLR4 \$604,900 UHSC	May-25	May-25	\$522,174	On track		In progress	Nil activity - in queue after Moonan Brook & Barrington Tops Forest Roads. All bow culverts and pipes have been delivered to site.	
Integrated Water Cycle Management Plan (IWCM)	Completion of the IWCM for UHSC, as per NSW Government Best Practice Guidelines	\$ 439,967.00	SSWP	Jul-22	FY- 24 / 25	\$174,171	On track.		Above ground asset condition assessment was added as a variation, extending the time and scope	Completion of options paper and commence IWCM report. Delays due to consultant (PWA) undertaking further assessment	
Merriwa Town Beautification	Based on 2016 Masterplan	\$ 200,000.00	SCCR5		FY- 24 / 25	\$21,244	On track with 60k left in budget.		Completed under tree lighting and wheel stops	Footpath engraving, planting missing tree, wheel stoppers, flag poles for tourism. Additional funds to Vennacher St lights contingency and project management signage works.	
Moonan Brook Road Upgrade	Upgrade of road for its first seal. Includes drainage structures and causeway improvements.	\$ 5,600,000.00	\$4,900,000 Fixing Local Roads \$500,000 Roads to Recovery \$200,000 UHSC	Jul-24	Sep-24	\$5,154,753	Additional works remaining under total project budget.		Stage- 1 Completed Stage - 2 (900m) nearing completion	Pavement completed. Road to be sealed & guardrail installed. Cold weather has delayed sealing (<10 deg C). TfNSW has advised to submit an EOT.	
MR358 - Coulsons Creek Rd Rehabilitation	Rehabilitation of road sections damaged	\$ 48,260,000.00	State \$9,660,000 Federal \$38,600,000	FY- 25 / 26	FY- 25 / 26	\$5,401,681	Funding committed from the State and Federal Governments.		On track	Commence gabion wall construction and Section 3 earthworks.	
Murrurundi Youth & Community Centre	Construction of new youth and community centre	\$ 883,400.00	\$883,400 Regional Youth Investment Program \$1,150,000 Upper Hunter Region Mine Affected Roads \$100,000 UHSC		May-25	\$98,813	On track		Council adopted the resolution to reject tenders and manage the works internally.	DA to be approved. CC to be obtained. Quotes obtained for work components (shed, slab, earthworks). Commence construction.	
Murulla Street Causeway	Upgrade to causeway	\$ 1,250,000.00		Jun-24	Sep-24	\$142,403	Causeway upgrade is within budget.		Seeking scope change variation with funding body.	Design finalised and contractor ready to commence	
NSW Betterment Program - Causeways	Sophia Creek Road Upper Dartbrook Road Kars Springs Road Hampshire Road Moonan Brook Road Avocado Road Glenroy Road Possum Springs Road Roma Road Mount Erin Road Yarrowonga Road Nandowra Road Dales Creek Road Sargeants Gap Road Middlebrook Road Flight Springs Road Ridgeland Road	\$ 1,872,000.00	NSW Betterment Program	FY- 25 / 26	FY 25 / 26	\$0	Awaiting approval		Awaiting approval	With TfNSW for approval	
AGRN 1012 (Event 7) - NSW Severe Weather and Flood Grant	Bill Rose Flood Recovery Internal Road Bill Rose Flood Recovery Parking (under the bypass) Golf course Bridge Approaches Kingdon Street Causeway Kars Springs Road Causeway	\$ 223,013.84	Office for Local Government	FY- 24 / 25	Jun-26	\$0	On track			Projects in planning stage	
Gummun Lane	Construct / upgrade new intersection with regional road 62 - Scone Rd	\$ 250,000.00	UHSC	FY- 24 / 25	FY- 24 / 25	\$0	On track				
Solley's Lane	Upgrade intersections to allow caravan access	\$ 250,000.00	UHSC	FY- 24 / 25	FY- 24 / 25	\$0	On track				
Aberdeen Public School - Seagenhoe and Graeme Street - Wombat Crossing	Raised safety pedestrian crossing, signs and line marking.	\$ 152,000.00	Transport for NSW	Aug-24	Jul-24	\$120,000	On track		Completed	Payments to contractors	
Murdering Hut Gully	Pavement renewal	\$ 1,400,000.00	Transport for NSW, RERRF	FY- 24 / 25	FY- 24 / 25	\$0	On track				

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
Merriwa Sports Precinct Master Plan	Development of a master plan for the sports precinct.	\$ 70,000.00	UHSC	FY- 24 / 25	FY- 24 / 25	\$0	On track		In progress		Sports User Group Committee accepted Green Space Planning Co quote to design the Master Plan.
AGRN 987 (Event 6) – Flood Recovery Works - Design and Construction Culvert Package (D&C Culvert Package)	Ashbrooke Road Ridgeland's Road Rouchel Road x 2 Coulson's Creek Road x 2	\$ 1,546,782.44	Transport for NSW & NSW RA	FY- 24 / 25	FY- 24 / 25	\$0	On track		In progress		The contractor is finalising the designs based on the Council's feedback and works delivery is expected to commence in the following weeks.
AGRN 1012 (Event 7) – Barrington Tops Forest Road – Landslip Remediation Works	Landslip section located approximately 17 km NE of Moonan Flat on Barrington Tops Forest Road	\$ 4,400,000.00	Transport for NSW & NSW RA	FY- 24 / 25	FY- 24 / 25	\$0	On track		In progress		A confidential tender evaluation report was submitted to the Ordinary Council Meeting held on 29 July 2024 and was approved. The contract was awarded to Rix Group Pty Ltd.
Idaville Road		\$ 600,000.00	UHSC	FY- 25 / 26	FY- 24 / 25	\$0	On track		In progress		Design and investigate
White Park - Cattleyard Roof		\$ 450,000.00	UHSC	FY- 24 / 25	FY- 24 / 25	\$0	On track		In progress		
Water Main Works		\$ 2,000,000.00	UHSC	FY- 24 / 25	FY- 24 / 25	\$0	On track		In progress		Delayed start to 12 August 2024
Sewer Relining		\$ 250,000.00	UHSC	Aug-24	FY- 24 / 25	\$0	On track		In progress		Finalisation of costs from July 2024 work
Merriwa Sport Precinct - Fencing	Scoping of works in progress	\$ 100,000.00	UHSC	FY- 24 / 25	FY- 24 / 25	\$0	On track		In progress		Stakeholder meetings
Merriwa Sports Precinct - Lighting Upgrade	Scoping of works in progress	\$ 150,000.00	LRCI	FY- 24 / 25	FY- 24 / 25	\$0	On track		In progress		Stakeholder meetings
Bill Rose Sports Complex - Bollards Installation	Installation of bollards and gates	\$ 70,000.00	UHSC	FY- 24 / 25	FY- 24 / 25	\$0	On track		In progress		Design review and finalisation
Scone CBD Revitalisation Stage 1	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	Different grants	Jun-24	Sep-24	\$17,838,291	On track		On track		Works at St Aubins Park and west side Kelly Street (St Aubins to Kingdon) to be completed.
Scone CBD Revitalisation Stage 2	St Aubins Street to Susan Street	\$ 2,460,296.00	Different grants	FY- 24 / 25	FY- 24 / 25	\$0	On track		In progress		
NSW Betterment Program - Drainage	Flags Road 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 Ridgeland's Road Avocado Road Yarrowonga Road Middlebrook Road	\$ 698,490.00	NSW RA & Transport for NSW	FY- 25 / 26	FY 25 / 26	\$0	Awaiting approval		Awaiting approval		With TNSW for approval
Public Cemeteries – Tree Planting	Tree planting in all cemeteries across the Shire	\$ 40,000.00	UHSC	Jun-24	Jun-25	\$5,000	On track		In progress		10k allocated to each township
Reseals - Urban Roads	Whole of UHSC	\$ 460,000.00	UHSC	FY- 24 / 25	FY- 24 / 25		On track		In progress		Nil
Reseals - Rural Roads	Whole of UHSC	\$ 810,000.00	UHSC	FY- 24 / 25	FY- 24 / 25		On track		In progress		Nil
Reseals - Regional Roads	Whole of UHSC	\$ 550,000.00	UHSC	FY- 24 / 25	FY- 24 / 25		On track		In progress		Nil
Roads - Regional & Local Road Upgrades	Heavy Patch Program	\$ 7,686,355.00	Regional & Local Road Repair Program	FY- 24 / 25	FY- 24 / 25	\$857,381	On track		In progress		Nil
Scone Airport Development		\$ 23,600,000.00		Dec-24	FY 25 / 26	\$22,094,405	On track		Refuelling station is completed and operational.		Workshop to be completed in FY 24/25
Scone Library Relocation	Installation of a library in the ground floor of the Campbells Corner building	\$ 2,500,000.00	\$500,000 State Library \$1,350,000 Local Roads & Community Infrastructure Fund \$750,000 UHSC	Dec-24	FY 25 / 26	\$100,000	DA submitted. Updated costings required		DA with Regional Planning Committee		DA approval ongoing. Contract drawings and tenders
Scone Water Treatment Upgrades	UV disinfection plant	\$ 1,850,000.00	UHSC	Aug-22	FY 24 / 25	\$186,000	On track		On track		Works ongoing awaiting UV plant delivery in Q1 2025
Masterplan for Jefferson Park	Development of a master plan for the Jefferson Park precinct.	\$ 50,000.00	UHSC	Jun-23	Jul-24	\$72,865	Overspent - additional work required		On track		Final Masterplan adopted by Council on the 29 July 2024
Street Lighting	Lighting over pedestrian crossing located Vennacher Street Merriwa	\$ 82,000.00	UHSC	Jun-23	Jul-24	\$72,503	Due to Ausgrid compliance requirements		Completed		Completed in July 2024
Waste Management - Aberdeen Waste Facility Expansion	Expansion of waste management facility	\$ 468,000.00	UHSC	Jun-23	Jul-25	\$4,116	On Track		Consultants engaged		Investigating land acquisition and undertaking technical studies into water management and traffic. Review of Environmental Protection Licence to increase landfill capacity.

Infrastructure Services

ISC.08.4

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 the progress update on the Coulson’s Creek Road (MR358) Rehabilitation Project.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

The MR358 Merriwa to Willow Tree Road rehabilitation is a crucial project that delivers heavy vehicle access and economic benefits between the towns of Merriwa and Willow tree as well as to the broader community. The timeline of activities in Coulson’s Creek Road (MR358) Rehabilitation Project, highlighting key events from the initial construction start in 2018, to the awarding of the contract in December 2023, is provided in Table 1.

Table 1: Key timelines and activities

Timeline	Activity
2018	Upper Hunter Shire Council began the construction of Merriwa to Willow Tree Road (MR358)
November 2019	Cracking of the pavement and downslope fill embankment was observed following major earthworks.
March 2020	Geotechnical inspection advised imposing a 5-tonne load limit and single-lane configuration.
September 2020	Project Control Group (PCG) was formed with representatives from State and Federal level.
January 2021	PCG recommended closing the road to all traffic due to severe cracking; GHD was engaged to prepare construction documents.
FY 2022/23	The state government confirmed \$9.6M in funding for the project.
27 May 2022	Design was completed.
15 December 2022	Tender documents were completed.
31 January 2023	Mandatory pre-tender meeting was carried out on site.
23 March 2023	Tenders closed.
September 2023	Federal Minister Catherine King announced approval for the project’s funding.
15 December 2023	Press releases were issued by both the Federal Government and Upper Hunter Shire Council.
18 December 2023	The contract was awarded.

Infrastructure Services

REPORT/PROPOSAL

This report outlines current period's progress summary on MR358 project.

Note: Attachment-1 provides a breakdown of different project sections in a map and Attachment-2 provides photographs of some project activities undertaken in the last month.

Section 1: Excavation for catch drains and clearing is complete, with uphill batter excavation finished pending slope movements.

Section 2: Concrete lining of catch drains is ongoing, and uphill batter excavation is complete except for minor adjustments.

Section 3: Concrete lining of catch drains is ongoing, uphill batter excavation is complete except for minor adjustments. Soil nail drilling and placement for rock mesh batter protection is ongoing, and gabion wall and subsoil drainage excavation has commenced.

Section 4: Uphill batter excavation and installation of rock fall mesh anchors are continuing, with soil nail drilling and placement for rock mesh batter protection also ongoing.

General: Spoiling of excess fill in the TSR gully extension is ongoing, and crushing of site-won rock for gabion and select fill material is continuing.

The progress on critical activities within the project are provided in Table 2.

Table 2: Summary of critical activities and progress till July 2024

Activity	Completion
Gabion Wall Construction	20%
Rock Bolts, including Soil Nails (3000 total)	70%
Rock Meshing	Not yet commenced
Excavate Open Drains	85%
Shotcrete Open Drains	65%
Earthworks	65%
Drainage Transverse Lines	Not yet commenced
Table Drains and Kerbing	Not yet commenced
Road Pavement Construction	Not yet commenced

Upcoming activities:

- Continue catch drainage works
- Complete uphill batter slope excavation
- Process rock ballast fill to minimise gabion import
- Commence construction of Section 3 gabion walls and subsoil drainage
- Complete rock mesh batter protection in Sections 3 & 4
- Finish Section 4 gabion walls
- Mulch the timber from tree clearings.

Infrastructure Services

Project risks and mitigation:

- Location of founding level of gabions lower than design levels – “No fines” concrete is being utilised to meet design specifications to reduce the amount of gabion wall required.
- Timing of sealing- if sealing in winter, a different sealing process is proposed to provide a better outcome for the project. The current contract has prime and seal, however, this could change to primer seal then a seal 12 months/ 1 season later.
- Slow pace of Gabion installation- The pace of gabion installation has been slower than scheduled despite increased labor efforts. However, an additional crew will join by the end of the month to help accelerate progress.
- Increase in rockbolt affecting critical path- Construction to continue while awaiting test results to save time.
- Sub-contractors’ availability meeting WHS standards- Appropriate risk management protocols have been implemented by Daracon.
- Current high demand in construction industry together with recent sharp material and fuel increases- Rise and fall costs have already been budgeted.
- Concrete supply times and quality may vary- This is managed by several “Quality Control” checkpoints according to the contract conditions.
- Sub-contractor and resource availability (currently high demand in construction industry)- Contractors and sub-contractor availability is being managed by Daracon.
- Supply of water for road construction work in summer if hot & dry conditions prevail – currently no supply issues. Will be managed by any backup sources identified locally or by trucking water as required.
- Variable weather with intense rainfall may cause delays to the project – ongoing management of wet weather delays. Managed according to GC21 contract conditions.
- Communications on-site due to poor network connection - satellite link has been established.
- Insurance of works due to “Act of God” – this is currently in place.

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
Payments to Date	\$21.4 M

Table 3 provides a summary of the key project milestones and the funding breakdown between State and Federal government.

Table 3: Key milestones and funding breakdown

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	Achieved
3	Commence Section 3 – chainage 1900 to chainage 2400	July 2024	\$9 M		Achieved

Infrastructure Services

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 – 12.5 days of wet weather has been approved. Schedule quantities have been amended to account for increase in project duration. Increase in rock bolt hole diameter from 100mm to 120mm is estimated to impact 39 days, and currently being negotiated.

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.

Infrastructure Services

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
- 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. These are being closely monitored for any savings and tight control of the budget.

c. Legislative Implications

Nil.

d. Risk Implications

The rehabilitation of Coulson's Creek Road is a substantially risky project that will require appropriate management and control throughout the construction works. Current risks in the project have been provided in the body of the report along with the control measures implemented.

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 Review of Environmental Factors (REF).

f. Other Implications

Nil



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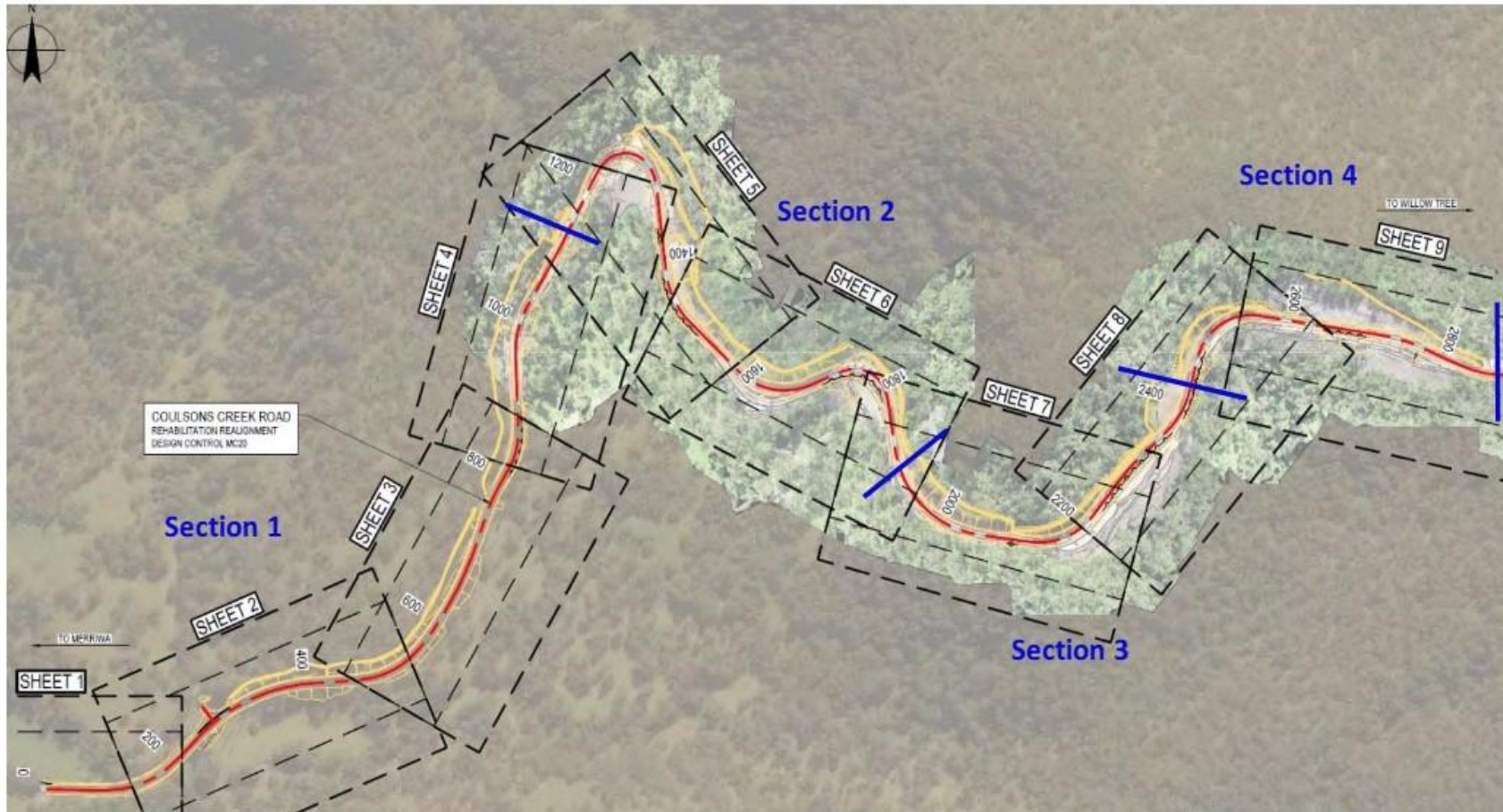
CONCLUSION

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

ATTACHMENTS

- 1 [↓](#) MR 358 - Section Map
- 2 [↓](#) MR 358 - Catch Drain, Rock Bolting & Gabion Wall Construction

Photo of works/ maps / typical sections



<p>Section 1 All works from Chainage 00 at the concrete causeway to Chainage 1120 just prior to the first hairpin corner</p>	<p>Section 2: All works from Chainage 1120 just prior to the first hairpin corner to Chainage 1900 just after the second hairpin corner.</p>	<p>Section 3: All works from Chainage 1900 just after the second hairpin corner to Chainage 2400 just prior the 90° corner.</p>	<p>Section 4: All works from Chainage 2400 just prior the 90° corner to Chainage 2860 at the existing cattle grid and Local Government Boundary</p>
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Catch Drain Shotcrete



Rock Bolt Drilling



Manufacture Gabion Rock at TSR



Gabion Wall Construction



Infrastructure Services

ISC.08.5 **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 following 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 initial seal on Moonan Brook Road, a total length of 4.3 km from the intersection with Hunter Road including drainage works.

Start of Construction- February 2023

Completion of Initial Scope- March 2024 (up to Chainage 3,500)

Completion of Extended Scope- November 2024 (between Chainages 3,500 and 4,310)

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

Moonan Brook Road, Initial Scope, was completed up to chainage 3,500 with approximately \$1.25M remaining in the budget. TfNSW approved the extended scope of works including:

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

This Period's Progress Summary:

- Construction of concrete causeway on Moonan Brook Road, near intersection with Blue Mountains Creek Road, to prevent scouring of the road in high rainfall events
- Final shaping of pavement in preparation for sealing
- Postponement of sealing as the pavement surface temperature was less than design criteria
- Notified TfNSW of delay in works due to postponement of pavement sealing.

Next Period's Planned Activity

- Submit variation request to TfNSW for extension of time
- Waiting for warm weather to seal the pavement.

Infrastructure Services



Figure 1: Concrete causeway on Moonan Brook Road near Blue Mountains Creek Road



Figure 2: Moonan Brook Road – Finished pavement and clear vision at bridge approach looking East

Barrington Tops Forest Road: Description of Works

Design and construction of the initial seal of Barrington Tops Forest Road, a total length of 8.2 km from the intersection with Moonan Brook Road. This includes the upgrading of stormwater structures.

The section of road beyond chainage 8,200 is affected by the landslip and has been excluded from the scope of works via a Scope Variation approved by TfNSW in May 2024. 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.

Expected Completion of Construction- December 2024 as approved by TfNSW.

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

Infrastructure Services

This Period's Progress Summary

- Completion of earthworks to widen the cuttings as per design through the 7th km
- Dish drain preparations into the 4th and 5th km
- Geotechnical investigations of some cracking along the side of the road for about 20m where a small slump had occurred many years ago (note that this cracking existed prior to any current works being done in the area).

Next Period's Planned Activity

- Continued geotechnical investigations of small slumped area
- Continuation of earthworks to widen cuttings through the 8th km
- Continue placement of pavement materials in the first 3km
- Continued installation of dish drain in the 4th and 5th km.



Figure 3: Barrington Tops Forest Road – Cracks along roadside at Chainage 7250



Figure 4: Barrington Tops Forest Road – Excavator digging trench with geotechnical engineer at Chainage 7250

Hunter Road: Description of Works

Design and construction of the initial seal of Hunter Road, for a total length of 4.0 km from Naracoorte, works including upgrades to drainage structures.

Infrastructure Services

Start of Construction- July 2024

Expected Completion of Construction- February 2025

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

This Period's Progress Summary

- Delivery of the remainder of the storm water pipes to each of the culvert sites.

Next Period's Planned Activity

- Installation of pipes at culvert sites scheduled to start 5 August 2024
- Commencement of earthworks after Barrington Tops Forest Road earthworks are complete by end August.

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
- Project control Group (PCG)
- Transport for NSW.

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.

Infrastructure Services

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
HVSP	Nil	\$2,000,000	Nil
UHSC	\$200,000	\$604,899	\$1,184,585
Total Funding	\$5,600,000	\$5,604,899	\$9,869,687

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	\$5,154,753	\$5,600,000	92%
BT Forest Rd	\$3,448,956	\$9,869,687	35%
Hunter Rd	\$522,174	\$5,604,899	9%

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	Rating	Management Action	Status
Cost exceeding budget	Medium	Tight control of expenditure & scope	Ongoing
Late completion	Medium	Monitoring of progress & sequencing of activities. Keeping TfNSW informed.	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 8,200	Nil	Scope variation approved by TfNSW to limit works to Ch 8,200.	Complete
Slump area at chainage 7,250 failing if road is constructed on it	High	Geotechnical investigations to inform the design of remediation of slump area	Investigation stage

e. Sustainability Implications

Nil.



Infrastructure Services

f. Other Implications

Nil.

CONCLUSION

This report provides updates on the progress on three major projects. Moonan Brook Road extension works are nearing completion with some cold weather delays, Barrington Tops Forest Road is progressing well with earthworks and drainage, and Hunter Road construction is yet to commence. These projects aim to improve infrastructure, safety, and economic growth around the region.

ATTACHMENTS

Nil.

Infrastructure Services

ISC.08.6

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 timelines for the project.

REPORT/PROPOSAL

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

- Installation of barrier fence



Image 1 – Chocolate and Moss ramp fence

Infrastructure Services

Blocks 1 & 2 (Kingdon to St Aubins Streets) – West and Medians

- Defect works rectified

Block 2 (Liverpool to St Aubins Streets) – East

- Completion of paver banding and Equine Walk of Fame plaques
- Completion of planting and landscape works
- Water main repair works
- Intermediate asphalt layer, including Liverpool St intersection
- Installation of line marking, signage and street furniture
- Opened to traffic.



Image 2 – Intermediate asphalt Liverpool St intersection



Image 3 – Intermediate asphalt Block 2 East



Image 4 – Aerial photo Block 2



Image 5 – Landscaping

Block 1 (Kingdon to Liverpool Streets) - East

- Installation of storm water lintel on Kingdon St
- Final base course infill
- Completion of storm water lintel outside NAB
- Completion of kerb and pram ramp at NAB
- Completion of Traffic Control System (TCS) works
- Transport for NSW pavement rectification works

Infrastructure Services

- Continuation of footpath works
- Commencement of irrigation works
- Commencement of landscaping works.



Image 6 – Kerb and Pram Ramp



Image 7 – Footpath concrete construction



Image 8 – Spoon drain CBA



Image 9 – Base Infill

Block 3 Corner (St Aubins to Susan Streets) - West

- Water main replacement works
- Commence storm water drainage

Infrastructure Services



Image 10 – Stormwater

Works planned for next period

Block 1 (Kingdon to Liverpool Streets) - East

- Completion of footpath construction
- Completion of landscaping and Equine Walk of Fame plaques
- Intermediate asphalt layer
- Installation of line marking and signage
- Opening of road to traffic

All other Blocks in Stage 1 and St Aubins Town Square

- Finishing and defect works

Block 3 Corner (St Aubins to Susan Streets) - West

- Completion of storm water
- Footpath construction
- Pram ramp construction

Contract Completion Dates for Stage-1

Area	Current Contract Completion Date	Progress update
St Aubins Town Square	October 2023	Completed
Block 1 - West	February 2024	Completed
Block 2 - West	December 2023	Completed
Block 1 - East	September 2024	85% Complete
Block 2 - East	July 2024	Completed
Block 3 - West (corner)	September 2024	70%

Infrastructure Services

Stage 2 (Block 3) Contract Update

Following the assessment of the Stage 2 Tenders, Council resolved to decline all tenders and negotiate with preferred Contractors.

Negotiations have been ongoing in the last month and a separate report will be provided to Council meeting in August recommending a reduced scope of works for the existing budget.

OPTIONS

1. Note the report
2. Reject the report

CONSULTATION

- Senior Management Group
- 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 (PCG)

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.

b. Delivery Program

c. Other Plans

- Scone Town Revitalisation Masterplan (2016).

IMPLICATIONS

Infrastructure Services

a. Policy and Procedural Implications

Nil.

b. Financial Implications

Funding source for the project is shown in the table below

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 (ex. GST)	\$24,057,638

Expenditure to Date

Approved Total Project Budget	\$24,057,638
Amount Spent to Date – Stage 1	\$17,929,623
% of Total Budget Overall	74.53%
Uncommitted funds forecast for Stage 2 (ex. GST) <i>Note: Forecast adjusted to include a portion of committed funds in Stage 1 that will not be expended.</i>	\$2,571,888

c. Legislative Implications

Nil.

d. Risk Implications

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

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

e. Sustainability Implications

Nil.

f. Other Implications

Nil.

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 90% of Stage 1 works completed already. The next stage of the project is currently under negotiations and an update will be provided in the August Council report.

ATTACHMENTS

Nil.