
Infrastructure Services Committee Agenda

13 June 2023 at 12.30pm

To All Councillors

You are hereby notified that the next meeting of the Infrastructure Services Committee will be held on 13 June 2023 in the Council Chambers, Scone 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, 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

INFRASTRUCTURE SERVICES REPORTS

ISC.06.1 **WORKS PROGRAM - INFRASTRUCTURE SERVICES - WATER & 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

1. receive the report and note the information

BACKGROUND

The report provides information to assist in addressing ratepayer enquiries regarding the operation, maintenance and other activities in the area of Water and Sewer.

REPORT/PROPOSAL

KPIs								
Item	Description	Unit	Monthly Target	YTD Target	Annual Target	Monthly Actual	Actual YTD	Comments
Sewer Services	Percentage of effluent recycled	%	70	70	>70	100	69.5	Monthly target achieved. Demand for recycled water remains steady.

Scone Water Treatment Plant (Joint with Muswellbrook Shire Council)

BECA have attended site and completed the aerial survey. They have completed preliminary concept designs, sizing, designed the plant layout, and drafting is scheduled for week commencing 4 June.

Infrastructure Services

Scone Sewerage Treatment Plant

The Scone Sewerage Treatment Plant is proposed to be replaced or upgraded depending on funding and/or technical capability of the existing plant.

Over the last five months, Council staff have been investigating the performance of the current sewer treatment plant to inform decision on upgrade or replacement. The intent of this investigation has been completed with the significant findings being:

- The **'head of works'** (primary treatment):
 - Observed hydraulic capacity limitations (overflow of channels) causes identified and rectified.
 - There is no grit (sand, fine egg shells, fine bone, etc) removal process installed nor has there been cleaning of downstream equipment where grit would accumulate for 20-25 years. The level of accumulated grit was estimated at around 0.2m in the Bathurst box that can be dealt with by cleaning at 10-20 year intervals.
 - The coarse debris screen is old but performing acceptably following recent maintenance.
- The **bioreactors** (secondary treatment (Bathurst Box (IDEA) and Trickle filter):
 - Assessed the performance of the main bioreactor (Bathurst Box). It shows variable performance in removing biodegradable matter and nitrogen. Council has identified the likely causes as:
 - Periods of inadequate aeration (solutions available).
 - Out of typical and treatable ratio of biodegradable matter (bug food) to nutrients.
 - Difficulty in managing sludge, likely due to machinery breakdown and the high non-degradable solids in the sewerage.
 - Assessed the performance of the secondary bioreactor (attached growth - trickle filter).
 - As previously identified the clarifier shows poor performance leading to solids carryover.
 - It is a well-known limitation but worth mentioning that the trickle filter does not remove nutrients.
- Assessed the performance of **polishing ponds** and other **tertiary processes** (Chlorine) performance. Identified that the process is not removing pathogens as effectively as it should and the reuse water is of low health quality:
 - We suspect the high sludge levels within the polishing ponds (dams) to be affecting pathogen removal.
 - Poor performance of the trickling filter is feeding too many organisms and food to the polishing ponds.
 - A high reliance on chlorination in challenging conditions; remaining organic and chemicals and a short time for the chlorine to act.

The project to replace the Scone sewerage treatment plant (build a completely new sewer plant) was considered in 2017/2018 with a concept developed to meet contemporary health and environmental standards regardless of the cost of construction. The project did not continue as the estimated cost was far in excess of available funding. Once all options are considered, a report will be brought back to the next meeting.

Infrastructure Services

Merriwa Sewerage Treatment Plant – Sludge Removal

The removal of sludge from the tertiary ponds commenced in the week 15 May with setup and operating within a week. The process now seems to be operating in a controlled manner with removal occurring at a steady rate. It is expected to continue for a further 9 weeks.

Sewer Relining Program

A contract has been awarded for the relining of sewer pipes in Murrurundi and Scone. Cleaning and CCTV works commenced on 29 May in Scone for a three (3) week period. The relining crew will commence 5 June in Satur Road for an expected eight (8) week program across Scone and Murrurundi.

Water Main Renewal Work

Contract has been awarded to TCM for construction of eleven (11) water main replacements in Murrurundi, Scone and Merriwa. Works are continuing in Satur Road Scone, Barton/Susan Streets. A second work crew was mobilised in May to meet work program.

Manhole Repair Works

Sewer main access manhole and pipe repairs are currently on hold pending finding resources to deliver. The repairs were due to be completed by Council staff but due to staff unavailability will be rescheduled to be delivered by contractors.

Four organisations have been approached to undertake works on an hourly hire basis. All have returned quotes for services. It is intended to engage two organisations for a few weeks and test their delivery ability and quality of work.

Aberdeen River Pump Station Improvements

Aberdeen River Pump Station upgrade is complete. Defects are being repaired to complete this contract.

Integrated Water Cycle Management Plan

There is currently a delay occurring within this process where Council has requested a variation to undertake an above ground assessment of all water and sewer assets for the IWCM. This variation is required to be approved through DPE in the next three months. It is expected that this delay will continue for several weeks or months.

However, work is continuing on the Issues Paper for other approved work. Work has commenced on the options analysis for identified components within the Issues Paper.

Village Water Supply - Parkville/ Wingen/ Blandford

Water fill stations have been delivered. Requests for quotes from concreting organisations have been sent to several companies and responses are due next week.

Scone to Murrurundi Pipeline

There are several easements yet to be finalised relating to the pipeline. The resolution of these easements will continue to be progressed for a further 4 months.

Infrastructure Services

Glenbawn Dam pipework discharge

PWA have been provided with an order for the work in mid-May. This project is expected to take several months as there are several sub-consultants involved.

Murrurundi Dam

In accordance with the process adopted at the April 2023 Infrastructure Services Committee meeting, council officers are following the process below:

1. Determine the initial case including
 - a. External Stakeholder meeting
 - b. Community notification/discussion
2. Making the case to maintain or decommission
 - a. Agreement with Council to decommission
3. Initial selection method of decommissioning
 - a. Decommission process to be designed
4. Deciding on decommissioning method
 - a. Decommissioning endorsed by Council
 - b. Decommissioning undertaken

Council had a meeting (1.a External stakeholder meeting) 2 May 2023.

Council has completed a letterbox drop on 8 June to the residents, 1.b Community notification/discussion as per the attached document. Feedback responses are due 23 June 2023.

OPTIONS

1. To note the report
2. Reject the report

CONSULTATION

- Director Infrastructure
- Manager Water and Sewer
- Manager Finance
- Engineer Water and Sewer Distribution
- Engineer Water and Sewer Treatment
- Project Manager

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.
- 4.2 Provide inviting public spaces that are clean, green, properly maintained, well designed, encourage active participation, family friendly and accessible to all.
- 4.3 Provide safe and reliable water and sewerage services to meet the demands of current and future generations.

Infrastructure Services

Responsible Governance

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

- 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.
- 5.3 Effective financial and asset management to ensure Council's long-term sustainability.
- 5.6 Develop and maintain effective reporting systems that enable Council to measure and report on performance.
- 5.12 Provide timely and effective advocacy and leadership on key community issues and priorities.

b. Delivery Program

- Well maintained sewer network systems
- Improved effluent quality for discharge and recycling
- Elimination of discharge of fats and greases into the reticulation system
- Measure and reduce infiltration and inflow into reticulation system
- Sewerage schemes that meet licence requirements
- Ongoing approval and inspection process for trade waste management across the Shire
- Provide education around management of foreign objects (e.g. fats, greases and wipes) in to the reticulation system
- 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)
- An Integrated Water Cycle Management strategy (IWCM)
- An Integrated Water Cycle Management strategy (IWCM)

c. Other Plans

Council's 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

Nil

Infrastructure Services

e. Sustainability Implications

All water and sewer works are undertaken with consideration to ongoing sustainable use of our water resources.

f. Other Implications

Nil

CONCLUSION

Recycled effluent water continues to be used at 100% level due to the current dry conditions and remains high even though we are moving into winter.

Project renewal works delivery is accelerating as we move towards the end of the financial year. There are several projects like Merriwa Sewer Treatment Plant Sludge removal, water pipe renewal and sewer pipe relining that will extend into the next financial year.

The Glenbawn Dam pipe discharge remains the highest risk item. The solution for this is progressing with the engagement of PWA.

The process to consider the future of Murrurundi Dam has completed the first external stakeholder meeting on Tuesday 2 May. Public consultation is the next step through a letter box flyer that has been delivered.

ATTACHMENTS

- 1 [!\[\]\(93b46f02aeb0dec7325ae721eddb1f5c_img.jpg\)](#) Murrurundi Dam Community Flyer



The future of Murrurundi Dam

Upper Hunter Shire Council is reviewing potential changes to the water supply in the Murrurundi township, primarily the decommissioning of the Murrurundi Dam. The Scone to Murrurundi pipeline, operational for three years now, is providing a reliable and effective water supply, leading Council to consider the dam's necessity.

We acknowledge that changes might concern residents and invite you to engage in this crucial process as we deliberate on the dam's future, weighing its maintenance costs, environmental impact, safety, and functionality.

Have your say by 23 June

Scan QR code or visit upperhunter.nsw.gov.au
for more information



Why consider removing the dam?

Due to its expensive maintenance and reduced necessity since the pipeline provides adequate water supply.

What happens during drought?

The Glenbawn Dam, supplying the pipeline, is expected to remain operational longer during drought than the Murrurundi Dam.

Are there environmental benefits to keep the dam?

Removing water extraction from the Pages River can improve river health and reduce electricity usage.

What about recreational uses of the dam?

Any uses requiring the dam to remain full will still incur most of the annual maintenance cost, hence not under consideration.

How will the dam be decommissioned and the site used?

Likely emptying the dam and modifying it to prevent refilling. Future site uses will be decided during the final stage.

What are the benefits of decommissioning?

Benefits include cost and electricity reduction, less maintenance, and reduced drowning risk.

When will decommissioning happen?

The decision by Council is expected to occur in the next two months, with further planning to follow. The decommissioning process should take 12 - 18 months.

Have your say by 23 June

Share your views by 23 June 2023 via mail, phone, email, or online via the QR code. You can indicate your interest for a public meeting in your submission.



Infrastructure Services

ISC.06.2

WORKS PROGRAM - INFRASTRUCTURE SERVICES - WORKS DELIVERY

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Sam Wooden - 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 2022/23. Attachments 1 & 2 show the Grading and Resheeting Program progress.

Year to date is for the period at the end of May 2023.

KPI's								
Item	Description	Unit	Monthly Target	YTD Target	Annual Target	Monthly Actual	YTD Actual	Comments
Infrastructure Support	Number of customer complaints received regarding Council's infrastructure. (consolidated)	#	8.83	97.13	< 106	13	159	Off target due to several factors such as weather events, staff resources, contractor availability
Private Works	Level of surplus achieved in terms of revenue of total project expenditure	%	20	20	> 20	20	20	On target
Stormwater	Completion of maintenance program, subject to funding (Stormwater)	%	7.5	75	>90	12	81	On track YTD
	Completion of planned inspections of the stormwater	%	7.5	60	>90	90	90	Program completed in May 2023

Infrastructure Services

KPI's								
Item	Description	Unit	Monthly Target	YTD Target	Annual Target	Monthly Actual	YTD Actual	Comments
	network using CCTV							
Street Cleaning	Length of Urban and CBD roads swept annually	km	38.6	347.20	>464	0	348	On track YTD
Public Conveniences	Number of customer request not responded to within 24 hours	#	3.3	29.7	< 40	0	0	On target
Swimming Pools	Percentage of time pools are open during the Season	%	100	100	100	100	100	Season will recommence in October 2023
Bridges - Local	Inspect 87 bridges biennial	#	3.62	25.34	43.5	48	48	Completed
TfNSW State Roads	Average days after end of month contract claim lodged with TfNSW	#	<15	<15	<15	5	14.5	On track
	Percentage of operational maintenance and works order projects on state road completed	%	7.5	90	>90	4	82	Currently on track. Delays due to plant breakdowns.
Roads - Local	Length of gravel unsealed pavement network inspected	km	80.8	888.8	>970	96.54	947.05	On target
	Length of local road sealed network resealed	km	2.16	23.76	>26	0	26.7	Yearly Target met

Infrastructure Services

KPI's								
Item	Description	Unit	Monthly Target	YTD Target	Annual Target	Monthly Actual	YTD Actual	Comments
	Length of sealed pavement network inspected	km	38.3	421.3	>460	23.37	314.98	Off target due to limited resources
	Length of unsealed grading completed	km	96	960	>1,154	86.5	517.87	Off target. Program behind due to flood damage work and capital works program
Roads - Regional	Length of Regional networks road pavement inspected	km	14.5	159.5	>174	34	340.28	On target YTD
	Length of Regional road network resealed	km	1.25	12.5	>15	0	13	Program complete for this financial year. Length completed as per program 13kms. The width was assumed 7m, however, in some areas it was up to 12m.
Regional Bridges	Percentage of Regional Bridges inspected (45 total bridges)	%	4.16	41.65	>50	0	51	Annual target met
Signs and Line Marking	Maintenance of identified traffic signs and line marking completed annually	%	7.5	60	>90	34	37	Linemarking programmed

Infrastructure Services

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.

AGRN 987 Essential Public Asset Reconstruction (EPAR) response application was submitted to TFNSW on 6 October 22.

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 have commenced onsite to repair the flood-damaged roads in the EPAR claim and the completion of works has been recorded in the recovery database.

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

UHSC submitted EPA restoration form for the Design & Investigation Package for flood damage to TFNSW on 11 November 2022.

Flood damage details for the following roads –

- Ashbrooke Road
- Coulsons Creek Road
- Ridgelands Road
- Rouchel Road

Following a tender evaluation process, the council has provided a recommendation to TFNSW for the engagement of a professional services consultant, RHM Consulting Engineers in Scone, to start the investigation and complete the necessary design works.

Council has submitted a strategic estimate for the construction works for all 6 flood-damaged sites.

Council has also prepared Minor Works Request for Quotation for all 6 flood damage sites.

TFNSW to review the strategic estimate and the EPAR Claim for the construction works

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

Council has submitted a flood damage claim to TFNSW in relation to AGRN 1012 for the damages related to the landslip on the Barrington Tops Forest Road.

A proposal for a geotechnical assessment has been confirmed and JC Geotechnics has been commissioned to carry out the geotechnical investigation and design works for the above project.

The contractor has completed the onsite borehole investigation works and provided a geotechnical factual report to council.

Council has also prepared a Review of Environmental Factors for Barrington Tops Forest Road. TFNSW has given verbal approval to proceed, and a formal funding letter is to follow. TFNSW to review the strategic estimate, geotechnical factual report and the EPAR claim for the construction works.

Infrastructure Services

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

Council has estimated the value of the damages claim to be \$41,100. The EPAR application was submitted to TFNSW on 12 January 2023.

UHSC Damages Claim AGRN 1034 (Event 8)

Council has estimated the value of the damages claim to be \$1.25 million. The EPAR application was submitted to TFNSW on 11 January 2023.

Fixing Local Roads Pothole Repair

Council has been 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.

Regional & Local Roads Repair Program

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

Council staff and contractors will be working together to deliver these programs in 2023.

Initial Heavy Patching Program attached and Council has the scope to add additional roads.

Causeways Betterment Program

Council has been successful in securing funding from NSW Government under the Regional & Transport Recovery Package to the sum of \$1,872,00.00.

The project will provide concrete causeways to replace 35 existing gravel causeways across the Upper Hunter Shire.

Stormwater Betterment Program

Council has been successful in securing funding from NSW Government under the Regional & Transport Recovery Package to the sum of \$698,490.00.

The project will provide upgraded stormwater drainage for 44 road crossings across the Upper Hunter Shire.

OPTIONS

To note the report.

CONSULTATION

- General Manager
- Director Infrastructure Services
- Infrastructure Services Managers
- Supervisors and Team Leaders

Infrastructure Services

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 Other Plans Asset Management Plans.

Infrastructure Services

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 2022/23 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

The report shows that the majority of KPI's are on target or will be on target by the end of the financial year. Some KPIs may continue to be off target at the end of the year due to competing priorities and the reallocation of resources into flood damage repair work and the capital works program. Currently, the main focus of the Works Delivery team is on flood damage repairs across the road network.

ATTACHMENTS

- 1 [↓](#) Grading Program 2022-23
- 2 [↓](#) Resheet Program 2022-23
- 3 [↓](#) Heavy Patching Program 2023-24

Upper Hunter Shire Council Grading Program 2022/23

Task Name	Length	Hierarchy	Duration (Days)	Start	Finish	Reviewed Start Date	Reviewed Finish Date	Actual Start	Actual Finish	1/07/2022	15/07/2022	29/07/2022	12/08/2022	26/08/2022	9/09/2022	23/09/2022	7/10/2022	21/10/2022	4/11/2022	18/11/2022	2/12/2022	16/12/2022	30/12/2022	13/01/2023	27/01/2023	10/02/2023	24/02/2023	10/03/2023	24/03/2023	7/04/2023	21/04/2023	5/05/2023	19/05/2023	2/06/2023	16/06/2023	30/06/2023
Merriwa																																				
Old Scone	1.66	Rural 3	1 day	Mon 31/07/23	Mon 31/07/23	Fri 1/09/23	Mon 4/09/23																													
Webimble	1.96	Rural 4	1 day	Tue 1/08/23	Tue 1/08/23	Mon 4/09/23	Tue 5/09/23																													
Dales Creek	16	Rural 3	9 days	Wed 2/08/23	Tue 15/08/23			30/01/2023	1/02/2023																											
Cockatoo Gap	1.21	Rural 4	0.5 days	Wed 16/08/23	Wed 16/08/23	Tue 5/09/23	Tue 5/09/23																													
Inglewood	0.45	Rural 4	0.5 days	Wed 16/08/23	Wed 16/08/23			27/09/2022	27/09/2022																											
Middle Creek	13.5	Rural 3	7.5 days	Thu 17/08/23	Tue 29/08/23			14/09/2022	28/09/2022																											
Middle Creek	0.85	Rural 4	0.5 days	Tue 29/08/23	Tue 29/08/23			28/09/2022	28/09/2022																											
Gummun	5.5	Rural 2	3 days	Wed 30/08/23	Mon 4/09/23			13/09/2022	14/09/2022																											
Cream of Tar Tar	2.8	Rural 4	1.5 days	Tue 5/09/23	Wed 6/09/23			12/09/2022	12/09/2022																											
Judy Kelly	2.37	Rural 4	1.5 days	Wed 6/09/23	Thu 7/09/23			13/09/2022	13/09/2022																											
Mountain Station	3.11	Rural 1	1.5 days	Fri 8/09/23	Mon 11/09/23			8/09/2022	12/09/2022																											
Witneys	0.31	Rural 4	0 days	Mon 11/09/23	Mon 11/09/23	Wed 6/09/23	Wed 6/09/23																													
Westwood	2.59	Rural 3	1.5 days	Mon 11/09/23	Tue 12/09/23			22/05/2023	25/05/2023																											
Dunblane	1.3	Rural 4	0.5 days	Wed 13/09/23	Wed 13/09/23	Wed 6/09/23	Wed 6/09/23																													
Flags	12.7	Rural 2	7 days	Tue 30/08/22	Thu 8/09/22			22/08/2022	5/09/2022																											
Glen Ruby	1.98	Rural 4	1 day	Fri 9/09/22	Fri 9/09/22	Wed 6/09/23	Thu 7/09/23																													
Flags	2.75	Rural 2	1.5 days	Mon 12/09/22	Tue 13/09/22			22/08/2022	5/09/2022																											
Worondi	3.23	Rural 3	2 days	Tue 13/09/22	Thu 15/09/22			31/03/2023	31/03/2023																											
Depot	1.09	Rural 3	0.5 days	Thu 15/09/22	Thu 15/09/22	Thu 7/09/23	Thu 7/09/23																													
Tunbridge	3.8	Rural 3	2 days	Mon 19/09/22	Tue 20/09/22			10/11/2022	15/11/2022																											
Leitch	1.6	Rural 4	1 day	Wed 21/09/22	Wed 21/09/22			14/11/2022	14/11/2022																											
Tunbridge	4.03	Rural 3	2 days	Thu 22/09/22	Fri 23/09/22	Fri 8/09/23	Mon 11/09/23																													
Cullingral	5.7	Rural 3	3 days	Mon 26/09/22	Wed 28/09/22			25/10/2022	28/10/2022																											
Duggan	0.4	Rural 4	0 days	Wed 28/09/22	Wed 28/09/22			28/10/2022	28/10/2022																											
Avocado	6.6	Rural 3	3.5 days	Thu 29/09/22	Wed 5/10/22			3/08/2022	8/08/2022																											
Forest Reserve	6.92	Rural 3	4 days	Wed 5/10/22	Tue 11/10/22			15/09/2022	21/11/2022																											
Flight Springs	3.6	Rural 1	2 days	Tue 11/10/22	Thu 13/10/22			24/11/2022	30/11/2022																											
Possum Springs	2.3	Rural 4	1.5 days	Thu 13/10/22	Mon 17/10/22			30/11/2022	5/12/2022																											
Flight Springs	5.22	Rural 1	3 days	Tue 18/10/22	Thu 20/10/22			24/11/2022	30/11/2022																											
Springfield	1.9	Rural 4	1 day	Fri 21/10/22	Fri 21/10/22			17/11/2022	17/11/2022																											
Gum Ridge	1.1	Rural 4	0.5 days	Mon 24/10/22	Mon 24/10/22			2/12/2022	5/12/2022																											
Sunnyside	1.9	Rural 4	1 day	Mon 24/10/22	Tue 25/10/22			5/12/2022	7/12/2022																											
Krui	2.2	Rural 4	1 day	Tue 25/10/22	Wed 26/10/22			1/03/2023	3/03/2023																											
Alyndale	0.8	Rural 4	0.5 days	Wed 26/10/22	Wed 26/10/22			3/02/2022	2/02/2022																											
Idaville Road						Tue 12/09/23	Tue 12/09/23																													
Mount Erin	16.8	Rural 3	9.5 days	Thu 27/10/22	Thu 10/11/22			18/01/2023	27/02/2023																											
Roma	11.4	Rural 3	6.5 days	Thu 10/11/22	Mon 21/11/22			10/01/2023	17/01/2023																											
Hampshire	9.91	Rural 2	5.5 days	Tue 22/11/22	Wed 30/11/22			18/12/2022	13/01/2023																											
Glenroy	6.4	Rural 3	3.5 days	Wed 30/11/22	Mon 5/12/22			21/11/2022	30/11/2022																											
Lettybrook	2.2	Rural 4	1 day	Tue 6/12/22	Tue 6/12/22	Wed 13/09/23	Wed 13/09/23																													
Binks	3.1	Rural 3	1.5 days	Wed 7/12/22	Thu 8/12/22			5/12/2022	6/12/2022																											
Redwell	3.8	Rural 4	2 days	Thu 8/12/22	Tue 13/12/22			25/11/2022	12/01/2023																											
Neverfail	3.6	Rural 4	2 days	Tue 13/12/22	Thu 15/12/22			12/01/2023	12/01/2023																											
Wollara	5	Rural 2	3 days	Thu 15/12/22	Tue 20/12/22	Thu 14/09/23	Mon 18/09/23																													
Settlement Lane	0.25	Rural 4	0 days	Tue 20/12/22	Tue 20/12/22	Tue 19/09/23	Tue 19/09/23																													
Hulks	5	Rural 3	3 days	Tue 20/12/22	Mon 26/12/22			18/01/2023	19/01/2023																											
Wollar	13.7	Rural 2	7.5 days	Mon 26/12/22	Wed 4/01/23			12/01/2023	27/02/2023																											
Killoe	5	Rural 2	3 days	Thu 5/01/23	Tue 10/01/23			21/11/2022	23/11/2022																											
Killoe	4.4	Rural 4	2.5 days	Wed 11/01/23	Fri 13/01/23	Tue 19/09/23	Thu 21/09/23																													
Rothbury	2.7	Rural 4	1.5 days	Fri 13/01/23	Mon 16/01/23	Thu 21/09/23	Fri 22/09/23																													
Pembroke to Hwy	12	Rural 2	6.5 days	Tue 17/01/23	Thu 26/01/23	Mon 25/09/23	Tue 3/10/23																													
High Park	0.37	Rural 4	0 days	Thu 26/01/23	Thu 26/01/23	Tue 3/10/23	Tue 3/10/23																													
Pembroke to End	12.57	Rural 3	7 days	Thu 26/01/23	Tue 7/02/23			6/03/2023	6/04/2023																											
Comiala	6.83	Rural 2	4 days	Tue 7/02/23	Mon 13/02/23			27/02/2023	8/03/2023																											
Kruilaya	0.7	Rural 4	0.5 days	Mon 13/02/23	Mon 13/02/23			28/02/2023	8/03/2023																											
Willy Wally	1.7	Rural 4	1 day	Tue 14/02/23</																																

Dark Area is works completed
Shaded Area is planned works

Printed: 6/06/2023

[illegible]

Upper Hunter Shire Council Grading Program 2022/23

Task Name	Length	Hierarchy	Duration (Days)	Start	Finish	Reviewed Start Date	Reviewed Finish Date	Actual Start	Actual Finish	1/07/2022	15/07/2022	29/07/2022	12/08/2022	26/08/2022	9/09/2022	23/09/2022	7/10/2022	21/10/2022	4/11/2022	18/11/2022	2/12/2022	16/12/2022	30/12/2022	13/01/2023	27/01/2023	10/02/2023	24/02/2023	10/03/2023	24/03/2023	7/04/2023	21/04/2023	5/05/2023	19/05/2023	2/06/2023	16/06/2023	30/06/2023
Upper Dartbrook	4.4	Rural 3	2.5 days	Wed 9/11/22	Mon 14/11/22			31/10/2022	9/11/2022																											
Kiernans Creek	6.7	Rural 3	3.5 days	Mon 14/11/22	Thu 17/11/22			26/10/2022	27/10/2022																											
Upper Dartbrook	3.5	Rural 3	2 days	Fri 18/11/22	Mon 21/11/22	Fri 18/08/23	Mon 21/08/23																													
Brawboy	2.9	Rural 3	1.5 days	Tue 22/11/22	Wed 23/11/22			26/09/2022	28/09/2022																											
Millers Creek	1.8	Rural 4	1 day	Wed 23/11/22	Thu 24/11/22	Tue 22/08/23	Tue 22/08/23																													
Brawboy	9	Rural 3	5 days	Thu 24/11/22	Fri 2/12/22			29/09/2022	5/10/2022																											
Upper Dartbrook	6.8	Rural 3	4 days	Fri 2/12/22	Thu 8/12/22	Wed 23/08/23	Mon 28/08/23																													
Kars Springs	5.5	Rural 2	3 days	Thu 8/12/22	Wed 14/12/22	Tue 29/08/23	Thu 31/08/23																													
Mt Terrell	3	Rural 4	1.5 days	Wed 14/12/22	Thu 15/12/22	Fri 1/09/23	Mon 4/09/23																													
Kars Springs	1	Rural 2	0.5 days	Fri 16/12/22	Fri 16/12/22			17/10/2022	17/10/2022																											
Little Creek road	3.5	Rural 4	2 days	Fri 16/12/22	Tue 20/12/22	Mon 4/09/23	Wed 6/09/23																													
Jewisky	0.5	Rural 4	0.5 days	Tue 20/12/22	Tue 20/12/22	Wed 6/09/23	Wed 6/09/23																													
Kars Springs	1.8	Rural 2	1 day	Wed 21/12/22	Wed 21/12/22			18/10/2022	18/10/2022																											
Beales Creek	4.6	Rural 3	2.5 days	Thu 22/12/22	Tue 27/12/22			10/01/2023	10/01/2023																											
Kars Springs	13.1	Rural 2	7.5 days	Tue 27/12/22	Thu 5/01/23	Thu 7/09/23	Mon 18/09/23																													
Ridgeland	16.91	Rural 2	9.5 days	Mon 9/01/23	Mon 23/01/23			19/02/2023	8/03/2023																											
Ashwood	0.47	Rural 4	0.5 days	Mon 23/01/23	Mon 23/01/23			11/01/2023	11/01/2023																											
Gibbergunyah	3.6	Rural 4	2 days	Tue 24/01/23	Wed 25/01/23			19/01/2023	24/01/2023																											
Sophia Creek	0.3	Rural 3	0 days	Wed 25/01/23	Wed 25/01/23	Mon 18/09/23	Mon 18/09/23																													
Yarrandi	5.63	Rural 2	3 days	Thu 26/01/23	Mon 30/01/23	Mon 18/09/23	Thu 21/09/23																													
Moobi	7.1	Rural 2	4 days	Tue 31/01/23	Mon 6/02/23	Thu 21/09/23	Wed 27/09/23																													
Rossgole	12.9	Rural 3	7 days	Tue 7/02/23	Wed 15/02/23	Wed 27/09/23	Fri 6/10/23																													
Halls	3.4	Rural 2	2 days	Thu 16/02/23	Mon 20/02/23			12/09/2022	14/09/2022																											
Halls	3.8	Rural 3	2 days	Tue 21/02/23	Wed 22/02/23			14/09/2022	26/09/2022																											
Netherton	0.71	Rural 4	0.5 days	Thu 23/02/23	Thu 23/02/23	Fri 6/10/23	Fri 6/10/23																													
Blairmore Point	0.27	Rural 4	0 days	Thu 23/02/23	Thu 23/02/23	Mon 9/10/23	Mon 9/10/23																													
Thompsons Lane	0.4	Rural 4	0 days	Thu 23/02/23	Thu 23/02/23	Mon 9/10/23	Mon 9/10/23																													
Rouchel Gap Rd	1.3	Rural 3	0.5 days	Thu 23/02/23	Thu 23/02/23	Mon 9/10/23	Mon 9/10/23																													
Dangarfield	1.4	Rural 4	1 day	Fri 24/02/23	Fri 24/02/23	Mon 9/10/23	Tue 10/10/23																													
Dalvey	1.13	Rural 4	0.5 days	Mon 27/02/23	Mon 27/02/23			9/03/2023	10/03/2023																											
Spencer Lane	0.99	Rural 4	0.5 days	Mon 27/02/23	Mon 27/02/23	Tue 10/10/23	Tue 10/10/23																													
Armstrong	0.12	Rural 4	0 days	Mon 27/02/23	Mon 27/02/23			23/03/2023	29/03/2023																											
Stoney Creek	3.6	Rural 3	2 days	Tue 28/02/23	Wed 1/03/23			13/03/2023	21/03/2023																											
Albano	2.3	Rural 4	1.5 days	Mon 2/03/23	Mon 6/03/23			21/03/2023	22/03/2023																											
Stoney Creek	2.7	Rural 3	1.5 days	Mon 6/03/23	Tue 7/03/23	Wed 11/10/23	Thu 12/10/23																													
Glencoe	2.88	Rural 4	1.5 days	Wed 8/03/23	Thu 9/03/23			1/08/2022	2/08/2022																											
Bowmans Gully S	2.8	Rural 4	1.5 days	Thu 9/03/23	Fri 10/03/23	Thu 12/10/23	Fri 13/10/23																													
Back Creek	0.5	Rural 3	0.5 days	Mon 13/03/23	Mon 13/03/23			9/08/2022	10/08/2022																											
Kenelea	2.79	Rural 4	1.5 days	Mon 13/03/23	Tue 14/03/23			3/08/2022	4/08/2022																											
Back Creek	2.2	Rural 3	1 day	Wed 15/03/23	Wed 15/03/23			9/08/2022	10/08/2022																											
Upper Rouchel	22.3	Rural 3	12.5 days	Thu 16/03/23	Wed 5/04/23			14/07/2022	20/07/2022																											
Upper Rouchel		Rural 3						5/04/2023	19/04/2023																											
Upper Rouchel		Rural 3						19/05/2023	24/05/2023																											
Malumla	1.41	Rural 4	1 day	Wed 5/04/23	Thu 6/04/23			14/07/2022	20/07/2022																											
Davis Creek	0.86	Rural 3	0.5 days	Thu 6/04/23	Thu 6/04/23	Mon 5/06/23	Mon 5/06/23																													
Davis Creek	7.54	Rural 4	4 days	Fri 7/04/23	Wed 12/04/23	Mon 5/06/23	Fri 9/06/23																													
Studleigh	1.54	Rural 4	1 day	Thu 13/04/23	Thu 13/04/23	Fri 9/06/23	Mon 12/06/23																													
Halcombe	2.03	Rural 3	1 day	Mon 17/04/23	Mon 17/04/23	Mon 12/06/23	Tue 13/06/23																													
Turanville	4.04	Rural 2	2 days	Tue 18/04/23	Wed 19/04/23			18/07/2022	20/07/2022																											
Ranch	0.6	Rural 4	0.5 days	Thu 20/04/23	Thu 20/04/23	Tue 13/06/23	Tue 13/06/23																													
Leighton Park	1.4	Rural 3	1 day	Thu 20/04/23	Fri 21/04/23	Wed 14/06/23	Wed 14/06/23																													
Glen Creek	2.01	Rural 3	1 day	Fri 21/04/23	Mon 24/04/23	Thu 15/06/23	Thu 15/06/23																													
Bobs camp road	3.1	Rural 4	1.5 days	Mon 24/04/23	Tue 25/04/23	Fri 16/06/23	Mon 19/06/23																													
Nectarbank	0.86	Rural 4	0.5 days	Wed 26/04/23	Wed 26/04/23	Mon 19/06/23	Mon 19/06/23																													
Meerimuka	1.5	Rural 4	1 day	Wed 26/04/23	Thu 27/04/23	Tue 20/06/23	Tue 20/06/23																													

Upper Hunter Shire Council Resheeting Program 2022/23

Task Name	Start Chainage	End Chainage	Gravel Use	Start	Finish	Actual Start	Actual Finish	1/07/2022	15/07/2022	29/07/2022	12/08/2022	26/08/2022	9/09/2022	23/09/2022	7/10/2022	21/10/2022	4/11/2022	18/11/2022	2/12/2022	16/12/2022	30/12/2022	13/01/2023	27/01/2023	10/02/2023	24/02/2023	10/03/2023
Merriwa																										
Gummun	2.1	5.1		Tue 1/11/22	Mon 7/11/22																					
Mountain Station	0	3.0		Tue 11/10/22	Mon 17/10/22	6/10/2022	12/10/2022																			
Tunbridge	2	3.5		Tue 20/09/22	Fri 23/09/22																					
Tunbridge	4.5	5.5		Fri 23/09/22	Wed 28/09/22																					
Mount Erin	2.8	4.3		Tue 6/12/22	Fri 9/12/22	7/02/2023	27/02/2023																			
Mount Erin	11.8	13.3		Fri 9/12/22	Wed 14/12/22	7/02/2023	27/02/2023																			
Roma	7.3	10.3		Tue 7/02/23	Mon 13/02/23	1/05/2023	24/05/2023																			
Murrurundi																										
Scotts Creek	0	3.0	3651.4	Fri 26/08/22	Thu 1/09/22	1/09/2022	8/09/2022																			
Timor-Crawney	14.6	17.6	5720.0	Mon 10/10/22	Fri 14/10/22	9/01/2023	27/01/2023																			
Stewarts Brook	12.8	16.0		Mon 7/11/22	Mon 14/11/22	1/12/2022	16/12/2022																			
Timor Gundy	8.4	11.4		Thu 1/12/22	Wed 7/12/22	30/01/2023	13/02/2023																			
Tomalla Road	9.6	11.9	2191.0	Wed 1/02/23	Tue 7/02/23	16/02/2023	22/03/2023																			
Scone																										
Turanville	0	1.9	3800.0	Mon 15/08/22	Fri 19/08/22	18/07/2022	20/07/2022																			
Turanville	2.3	2.8		Mon 15/08/22	Fri 19/08/22	18/07/2022	20/07/2022																			
Turanville	3.2	3.7		Mon 15/08/22	Fri 19/08/22	24/07/2022	24/07/2022																			
Dry Creek	0	2.0		Mon 6/03/23	Thu 9/03/23	27/09/2022	31/10/2022																			

Works Completed

Planned Works



Project Start:

3-Jun-23

Display Week:

1

May 29, 2023

Jun 5, 2023

	TASK	DEFECT NUMBER	AREA (m2)	ASSIGNED TO	PROGRESS	START	END	DAYS	M	T	W	T	F	S	S	M	T	W
	Heavy Patching	Red - SPSH has too much	Green - SPSH has too little															
	<u>Project Zone 1 Scone South</u>																	
1.00	Dartbrook Rd	DN00120	106	\$ 13,992.00	Contractors	0%	Mon 5/06/23	Mon 5/06/23	1 day									
1.01	Rouchel Rd	DN00094,95,97,101,103	188.70	\$ 24,908.40	Contractors	0%	Tue 6/06/23	Tue 6/06/23	1 day									
1.02	St Andrews Street	DN00026	204	\$ 26,928.00	Contractors	0%	Wed 7/06/23	Wed 7/06/23	1 day									
1.03	<u>Project Zone 2 Scone East</u>																	
2.00	Gundy Rd	DN00028,30,32,34,36,38,41,42,43,44,46,48,50,52	1354	\$ 178,728.00	Contractors	0%	Thu 8/06/23	Tue 13/06/23	4 days									
2.01	Glenbawn Rd	DN00122,126,128,129,130,132,134,136,137	345.5	\$ 45,606.00	Contractors	0%	Wed 14/06/23	Mon 19/06/23	4 days									
2.02	Segenhoe Rd	DN00105,107,109,111,113,115,117	1025.7	\$ 135,392.40	Contractors	0%	Tue 20/06/23	Wed 28/06/23	7 days									
2.03	Waverley Rd	DN00153,154,155,156,185,186	305.35	\$ 40,306.20	Contractors	0%	Thu 29/06/23	Fri 30/06/23	2 days									
2.04	Hunter Rd	DN00076,77	81	\$ 10,692.00	Contractors	0%	Mon 3/07/23	Mon 3/07/23	1 day									
2.05	Stewarts Brook Rd	DN00148,149,150,151,152	197.3	\$ 26,043.60	Contractors	0%	Tue 4/07/23	Tue 4/07/23	1 day									
2.06	<u>Project Zone 3 Murrumbidgee</u>																	
3.01	Timor Rd	DN00055,57,58,60,62,64,66,68,70,72,74	573.5	\$ 75,702.00	Contractors	0%	Wed 5/07/23	Fri 7/07/23	3 days									
3.02	Timor Crawney Rd	DN00161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184	4251.6	\$ 561,211.20	Contractors	0%	Mon 10/07/23	Fri 18/08/23	30 days									
3.03	Paradise Rd	DN00159,160	88.2	\$ 11,642.40	Contractors	0%	Mon 21/08/23	Mon 21/08/23	1 day									
	<u>Project Zone 4 Scone West</u>																	
4.01	Cressfield Rd	DN00142	48	\$ 6,336.00	Contractors	0%	Tue 22/08/23	Tue 22/08/23	1 day									
4.02	Middlebrook Rd	DN00005,27,145,146	164.3	\$ 21,687.60	Contractors	0%	Wed 23/08/23	Wed 23/08/23	1 day									
4.03	Moobi Rd		20	\$ 2,640.00	Contractors	0%	Wed 23/08/23	Wed 23/08/23	1 day									
	<u>Project Zone 5 Bunnaburra</u>																	
5.01	Bunnaburra Rd	DN00079,80,81,82,83,84,86,88,90,91,92,203,204,205,206,207,208,209,210,211,212,213,214,215,216,217,218	1500	\$ 198,000.00	Civil 1	0%	Mon 3/07/23	Mon 17/07/23	11 days									

Page 2 of 2

Infrastructure Services

ISC.06.3

STRATEGIC AND CAPITAL WORKS UPDATE

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Sam Wooden - Manager Works Delivery

PURPOSE

The purpose of this report is to provide an update on capital works projects within the 2022/2023 budgetary period.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

As part of the 2022/23 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. Attachment 2 shows expenditure of the capital program for all areas.

REPORT/PROPOSAL

	Expenditure – May 2023			
	Original Budget	Revised Budget	YTD Budget	YTD Actual
Projects	\$51,900,585	\$24,395,251	17,796,389	17,242,171
% of YTD Actual works completed to Revised YTD Budget				96.88%
% of YTD Actual works completed to Revised Full Year Budget				70.68%

OPTIONS

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

CONSULTATION

- Director Infrastructure Services
- 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) 2022/23.

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 Councillors with a review of the progress of capital works for the 2022/23 financial year.

ATTACHMENTS

- 1  Capital Works Update 2022-23

Capital Expenditure report will be provided under a separate cover on or before the meeting.

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
Aberdeen Reservoirs	Replacement of high-tower reservoir	\$ 150,000.00	UHSC	Dec-21	Dec-23	\$ 27,153.00		Revised 21/22 Budget \$25,000. Budget met 21/22		Stage one of electrical works completed	Nil proposed action in FY22-23
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	Jun-23	Jun-24	\$ 164,302.00		Budget threatened by high market prices		Detailed design started in January - 50% draft design completed. Geotechnical study completed.	Complete detailed design process. Order stormwater structures. Begin earthworks.
Bill Rose Masterplan	Create a development masterplan for Bill Rose precinct.	\$50,000	R4R8	Sep-22	TBC	\$ 40,449.73		On Track		Community consultation completed	Finalise draft masterplan
Bridges - Albano Bridge	Replacement of timber bridge with concrete bridge	\$ 817,692.00	\$617,692 Fixing Country Bridges \$200,000 UHSC	Apr-24	Apr-24	\$ 31,292.00		Additional funding variation has been approved based on tendered price.		Detailed design is at 80%. Construction of side track is complete.	Complete detailed design of bridge. Production of pre-cast members.
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	Jan-24	\$ 55,166.00		Additional funding variation has been approved based on tendered price.		For Construction design is complete.	Mobilisation to site. Construction of side track bridge. Production of pre-cast members. Piling operations
Bridges - Blues Bridge	Replacement of timber bridge with concrete bridge	\$ 534,655.00	\$504,655 Fixing Country Bridges Program \$30,000 UHSC	Apr-24	Jun-23	\$ 376,745.00		Additional funding variation has been approved based on tendered price.		Deck completed. Backfill behind abutments completed.	Install kerbing and signage.
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	\$ 28,574.00		Additional funding variation has been approved based on tendered price.		Tender awarded	Detailed design of bridge. Production of pre-cast members.
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	Apr-24	\$ 35,759.00		Additional funding variation has been approved based on tendered price.		Tender awarded	Detailed design of bridge. Production of pre-cast members.
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	\$ 29,587.00		Additional funding variation has been approved based on tendered price.		Detailed design process has started.	Complete detailed design of bridge. Production of pre-cast members. Construction of side track.
Bridges - Little Street Bridge	Replacement of timber bridge with concrete bridge	\$ 656,584.00	\$626,584 Fixing Country Bridges Program \$30,000 UHSC	Apr-24	Jul-23	\$ 503,631.00		Additional funding variation has been approved based on tendered price.		Deck complete. Guard rail installed on bridge deck.	Council to install water pipeline on bridge. Completion of the intersection roadworks and guardrail on approaches.
Bridges - Scotts Creek Bridge No2	Replacement of timber bridge with concrete bridge	\$ 718,087.00	\$688,087 Fixing Country Bridges Program \$30,000 UHSC	Apr-24	Oct-23	\$ 216,160.00		Additional funding variation has been approved based on tendered price.		Piling resumed using revised piling design and bored piles.	Completion of piling & pouring of abutments. Placement of planks. Pouring of deck.
Bridges - Scotts Creek Bridge No3	Replacement of timber bridge with concrete bridge	\$ 529,043.00	\$499,043 Fixing Country Bridges Program \$30,000 UHSC	Apr-24	Jun-23	\$ 382,187.00		Additional funding variation has been approved based on tendered price.		Deck completed. Backfill behind abutments completed.	Install kerbing and signage.
Bridges - Warlands Bridge No1	Replacement of timber bridge with concrete bridge	\$ 639,509.00	\$609,509 Fixing Country Bridges Program \$30,000 UHSC	Apr-24	Aug-23	\$ 536,211.00		Additional funding variation has been approved based on tendered price.		Bridge works complete. Approaches complete but not sealed.	Sealing of approaches. Installation of guardrail.

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
Bridges - Warlands Bridge No2	Replacement of timber bridge with concrete bridge	\$ 508,622.00	\$478,622 Fixing Country Bridges Program \$30,000 UHSC	Apr-24	Nov-23	\$ 63,506.00		Additional funding variation has been approved based on tendered price.		Side track in place.	Commence piling. Construct abutments.
Bridges - Warlands Bridge No3	Replacement of timber bridge with concrete bridge	\$ 508,622.00	\$478,622 Fixing Country Bridges Program \$30,000 UHSC	Apr-24	Nov-23	\$ 63,770.00		Additional funding variation has been approved based on tendered price.		Side track in place.	Commence piling. Construct abutments.
Bridges - Warlands Bridge No4	Replacement of timber bridge with concrete bridge	\$ 515,605.00	\$485,605 Fixing Country Bridges Program \$30,000 UHSC	Apr-24	Nov-23	\$ 62,926.00		Additional funding variation has been approved based on tendered price.		Side track in place.	Commence piling. Construct abutments.
Bridges - Warlands Bridge No5	Replacement of timber bridge with concrete bridge	\$ 558,117.00	\$528,117 Fixing Country Bridges Program \$30,000 UHSC	Apr-24	Dec-23	\$ 60,054.00		Additional funding variation has been approved based on tendered price.		Earthworks commenced for approaches.	Foundation integration - footings poured
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	Sep-23	Dec-24	\$ 263,700.00		Fixing Local Roads Grant application successful - \$3 Million - Total project cost \$5.6 Million		Drafting of final detailed road design is being done. An extension of time will be issued to align milestone dates of both funding sources.	Issue of IFC drawings. Earthworks & tree clearing. Some land acquisition may be required for road widening.
Integrated Water Cycle Management Plan (IWCMP)	Completion of the IWCMP for UHSC, as per NSW Government Best Practice Guidelines	\$ 439,967.00		Jul-22	Jul-24	\$ 108,575.00		On track.		Above asset condition assessment was added as a variation	Finalising Issues Paper
Merriwa Sewerage	Merriwa sewer relining, manhole replace/improvement, STP renewals, Main renewals/replacements. Cassilis sewer scheme	\$ 1,970,703.00	UHSC	Jun-23	Jun-23	\$ -		On track		On track	
Merriwa Showground Upgrade	Upgrade of Secretaries Box	\$ 68,482.00	UHSC	Jun-23	Jun-23	\$ 59,905.00		On track		Shed installed and electrical work completed	Project complete
Merriwa Town Beautification	Markings in pavement and under tree lighting	\$ 200,000.00	SCCR5		Jun-24					Yet to commence	Community consultation
Moobi Res High Pressure Zone / Water Supply Investigation	Investigate options for both increasing water pressure around Moobi Reservoir, and supplying rural properties west of Dartbrook.	\$ 23,000.00	UHSC	Dec-21	Dec-23	\$ 10,000.00		On hold, no further funds to be spent in 21/22 FY		Waiting on additional Project Management services	Project on hold
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	Apr-22	Sep-23	\$ 1,559,097.00		Work being undertaken by Council. Variation submitted to decrease length of works to 3.5km.		First and third cuttings are complete. Second cutting 90% complete. Road widening earthworks have been completed. Fencing has been relocated. Drainage culverts are being installed.	Completion of cuttings & drainage structures. Installation of concrete dish drains. Laying of pavement.
MR358 - Coulsons Creek Rd Rehabilitation		\$ 50,300,000.00	HVSP \$2,000,000 State \$9,660,000 Federal \$38,640,000		Dec-25	\$ 1,770,000.00		Awaiting funding deeds from the State and Federal Government for construction		No works can commence until funding deeds received	Funding deeds Lobby for early funds release Tender for construction closes
MR62 (Bunnan Road) - Tyrone Rd Upgrade	Intersection Upgrade	\$ 71,620.00	UHSC	Jun-23	Jun-23	\$ 38,831.81		On track		On track	Linemarking and guardrail
MR62 (Bunnan Road) - Blaydon St Intersection Upgrade	Intersection Upgrade	\$ 71,620.00	UHSC	Jun-23	Jun-23	\$ 51,045.55		On track		On track	Linemarking
MR62 (Bunnan Road) - Ridgeland St Intersection Upgrade	Intersection Upgrade	\$ 71,620.00	UHSC	Jun-23	Jun-23	\$ 51,023.33		On track		On track	Linemarking
Murulla Street Causeway	Upgrade to causeway	\$ 1,250,000.00	\$1,150,000 Upper Hunter Region Mine Affected Roads \$100,000 UHSC	Jun-20	Nov-23	\$ 104,241.00		Causeway upgrade is within budget.		Final plans for causeway upgrade have been completed. Anticipate that project to be delivered on time providing extension of time is granted.	Waiting for approval for EOT for causeway upgrade. Obtain approval of design by Fisheries. Obtain quotes for concrete works. Commence construction.

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
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 Ridgelands Road	\$ 1,872,000.00	NSW Betterment Program	May-25	May-25	\$ -		On Track		On Track	Contractors engage & commence works
NSW Betterment Program - Drainage	Flaggs 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 Ridgelands Road Avocado Road Yarrowonga Road Middlebrook Road	\$ 698,490.00	NSW Betterment Program	May-25	May-25	\$ -		On Track		On Track	Pipes & headwalls ordered
Parks & Gardens – Tree Planting	Tree planting in Merriwa	\$ 5,000.00	UHSC	Jun-23	Jun-23	\$ 16,041.00		On track		On track	Project complete
Public Cemeteries – Aberdeen Lawn Cemetery Extension	Construction of new Columbarium Wall	\$20,000	UHSC	Jun-23	Jun-23	\$ -		On track		On track	Project complete
Public Cemeteries – Tree Planting	Tree planting in all cemeteries across the Shire	\$ 5,000.00	UHSC	Jun-23	Jun-23	\$ -		On track		On track	Trees have been ordered, awaiting delivery. Will be programmed for planting once arrived
Roads - Local - Pages Creek & Sargeants Gap Roads Upgrades	Widening Seal and Drainage Works	\$ 598,935.00	UHSC	Jun-23	Jun-23	\$ 88,854.73		On track		On track	Drainage, earthworks, causeway and pavement works
Roads – Local Hackets Road Merriwa	Upgrade from unsealed road to sealed pavement	\$ 100,000.00	UHSC	Jun-23	Jun-23	\$ 246,928.32		On track		On track	Linemarking
Roads Local Bow Street (Blaxland Street to MacCartney Street)	Design work for upgrade from unsealed road to sealed pavement	\$ 60,000.00	UHSC	Jun-23	Jun-23	\$ 53,469.00		On track		On track	Commencing works
Roads - Regional & Local Road Upgrades	Potholes & Heavy Patch Program	\$ 3,200,739.00	Regional & Local Road Repair Program	Feb-24	Feb-24	\$ -		On track		On track	Commencing works
Scone Airport Development		\$ 23,600,000.00		Nov-22	Jun-23	\$ 22,094,405.00		On track		Works nearing completion	Refuelling facility & workshop to be finalised in 2023
Scone EOC (Emergency Operation Centre) upgrade	Upgrade internet service and emergency operation centre infrastructure including generator	\$ 348,648.00	Resilience NSW	Jun-23	Jun-23	\$ 47,041.00		On track		Installation delayed until May/June 23	Purchase of equipment and installation
Scone Library Development	Installation of a library in the ground floor of the Campbells Corner building	\$ 750,000.00						This project is funded by several sources. Tender for the works will need to match the budget.		DA submit in Dec 22. UHSC D&E have requested additional information being prepared by UHSC Projects	Submission of DA to council, Engage a Certifier, Complete the fire Engineering design, prepare a reviewed Statement of Environmental Effects as required by UHSC DA section, prepare tender documents
Scone Tennis Club	Court Resurfacing	\$ 191,278.00	SCCF4	Nov-22	Feb-23	\$ 182,838.20		On track		Additional amendments to DA to be assessed	Works to commence
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.	\$ 15,816,273.00	Grants		Dec-23	\$ 2,026,559.00		Contract awarded within budget		Contract awarded, works have commenced	Commencement of works at St Aubins Park and west side Kelly Steet (St Aubins to Liverpool)
Scone Water Treatment Upgrades	Install UV treatment system, pre-chlorination and fluoride dosing systems for the Scone water supply system.	\$ 1,850,000.00	UHSC	Aug-22	Mar-24	\$ 125,975.00		Within budget		Review scope documents to go to tender	Tendering UV Module

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
Sewerage Services - Merriwa STP Cleaning Polishing Ponds	Remove and dispose of sludge from the ponds.	\$ 1,299,697.00	UHSC	Mar-23	Jul-23	\$ 8,000.00		Implementation likely to commence late in the financial year. Expect 50% work completed 22/23 financial year		Contract awarded expect start on site late April 2023	Project prestart documentation, site works
Sporting Grounds & Venues - Jefferson Park Reserve	Masterplan for Jefferson Park	\$ 50,000.00	UHSC	Jun-23	Jun-23	\$ -				Expressions of interest to usergroups closed 16 December	Finalise draft masterplan
Sporting Grounds & Venues - Merriwa Showground Upgrade	Pending Funding	\$ 68,482.00	UHSC	Jun-23	Jun-23	\$ 59,905.00		On track			Project complete
Sporting Grounds & Venues - Murray Bain Oval Lighting Upgrade	Lighting Project	\$ 150,000.00	SCCF	Jun-23	Jun-23	\$ 127,370.01		On track			Works to be complete in June 23
Sporting Grounds & Venues - Scone Tennis Club Courts Resurfacing	Resurfacing of the Scone Tennis Courts	\$ 191,278.00	UHSC	Jun-23	Jun-23			On track		DA approval pending	Commence works
Stormwater Mangement - Belmore St Channel	Improve drainage	\$ 200,000.00	UHSC	Jun-23	Jun-23	\$ 112,526.05		On track		On track	Project complete
Stormwater Replacement Program	Improve stormwater drainage network across the Shire	\$ 60,000.00	UHSC	Jun-23	Jun-23	\$ -		On track		Inspections underway prior to commencement	Finalise inspections
Street Lighting	Lighting over pedestrian crossing located Vennacher Street Merriwa	\$ 60,000.00	UHSC	Jun-23	Jun-23	\$ 13,701.23		On track		Design complete	Receive quote
Swimming Pools - Merriwa Pool Amenities Upgrade	Upgrade to amenities	\$ 218,904.00	SCCR4 \$218,904 UHSC \$40,000	Nov-22	Jun-23	\$ 13,720.72		On track		Works have commenced	Purchase of materials
Swimming Pools - Murrurundi Pool Chlorine Dosing Plant		\$ 32,500.00	UHSC	Jun-23	Jun-23	\$ 105,624.29				Materials ordered	Commence works
Swimming Pools - Scone Pool Amenities Upgrade	Upgrade to amenities	\$ 187,200.00	SCCF4 \$152,539 UHSC \$76,661	Nov-22	Jun-23	\$ 62,652.80		On track		Works have commenced	Plumbing installation Fit out of facilities

FUNDING 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

LEGEND	
	Good
	Watch for Potential Issues
	Requires Attention

Infrastructure Services

ISC.06.4

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 December 2019.

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 charged 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.

GHD – Detailed Design of Construction Rehabilitation

GHD have issued the Construction Documents (Design, Specifications and Review of Environmental Factors).

REPORT/PROPOSAL

Site Access

The locks and chains have been replaced due to continued illegal access.

Project Control Group

The PCG met on 22 May 2023 to discuss the evaluation of the construction tender, funding commitments and project management.

Remediation Earthworks (Early Earthworks)

The remediation works completed appear to have settled with only minor changes over the last six months.

Infrastructure Services

GHD – Detailed Design of Construction Rehabilitation

GHD have completed all IFC drawings and documents.

Construction Rehabilitation Tender

The tender has been evaluated both on non-price and price criteria. A report was tabled at the PCG for endorsement and then to Council for adoption and award at the May 2023 Council meeting, subject to funding deed.

State and Federal Funding

Funding applications are currently undergoing final review by both the State and Federal Governments. Once completed, Council will be issued with a funding deed for execution.

Council has received a letter confirming the State Government funding commitment for the project. The Federal Government has given approval in principle, however Council is still waiting on a letter confirming this.

Key activities for May 2023:

- Evaluation of the tenders went to May Council meeting with preferred tenderer subject to funding deed
- Evaluation of proposed project management teams

Emerging issues:

- Approved funding deeds to be received for execution from both the State & Federal Governments
- Availability of project management team(s)
- Access to and from the site along Coulsons Creek Road from flood damage

OPTIONS

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

CONSULTATION

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

Infrastructure Services

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
- 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
- Other Plans
- Asset Management Plans.

Infrastructure Services

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 funding not yet confirmed for construction at this stage.

c. Legislative Implications

Not applicable.

d. Risk Implications

Council has deemed there is an unacceptable risk to road users, and thus the road has been closed. Other risks include environmental, future funding and community impacts.

As noted previously in this report, an inspection at the toe (bottom) of the major failure revealed it has now reached the gully. Council staff have reported to the Environmental Protection Agency (EPA).

The rehabilitation and construction of Coulsons Creek Road is a substantial risk that will require appropriate management and control throughout the construction works.

e. Sustainability Implications

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

As noted the toe of the major failure has reached the gully. This was reported to the Environmental Protection Agency, on reviewing of the Issued For Construction Design and Review of Environmental Factors, and they have accepted the proposed control methods.

f. Other Implications

Nil

CONCLUSION

The road is currently closed due to risk and safety concerns.

Remedial (early) earthworks completed.

"Issued for Construction" documentation completed:

- Design
- Specifications
- Report
- Review of Environmental Factors

Tender documents are complete.

Tenders have closed for award at the May Council meeting.

Tender awarded subject to confirmation of funding.

ATTACHMENTS

Nil.

Infrastructure Services

ISC.06.5

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 roads projects, being:

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

RECOMMENDATION

That Council receive the report and note the information.

BACKGROUND

This report provides information to assist in understanding the current 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 opening to Traffic – September 2023

This Period's Progress Summary

- Completion of 90% of cutting between chainages 2600 and 2740 by Nitro Civil Excavations. Progress slowed by a section of extremely hard rock
- Completion of cutting between chainages 2950 and 3150 by Nitro Civil Excavations
- Completion of grubbing and stripping for road widening by Vision Excavations
- Completion of relocation of fencing by Maximum Effort Contracting.

Infrastructure Services

Next Period's Planned Activity

- Completion of second cutting
- Continuation of installation of drainage structures
- Installation of concrete dish drains
- Sourcing of pavement gravel from a nearby quarry. This will require blasting and crushing.

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 increase tourism and productivity for local primary producers which will provide an increase to the local economy.

Start of Construction – September 2023

Expected opening to Traffic – May 2024

This Period's Progress Summary

- Continued development of the detailed road design.

Next Period's Planned Activity

- Completion of the detailed road design
- Seek an exemption for tendering the works from the funding bodies as the works will be done by Council managing a number of contractors
- Order stormwater pipes and culverts.

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 – August 2023

Expected opening to Traffic – December 2024

This Period's Progress Summary

- Final drafting of detailed design.

Next Period's Planned Activity

- Seek an exemption for tendering the works from the funding bodies as the works will be done by Council managing a number of contractors
- Complete drafting of IFC drawings
- Order stormwater pipes and culverts.

Infrastructure Services

OPTIONS

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

CONSULTATION

- Director Infrastructure Services
- Manager Strategic Assets & Projects
- Finance Manager
- Manager Works Delivery
- Local residents.

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
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

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	\$1,559,097	\$5,600,000	28%
BT Forest Rd	\$164,302	\$9,869,687	2%
Hunter Rd	\$263,700	\$5,604,899	5%

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	Ongoing
Late completion	Medium	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	Medium	Seek supply from alternate sources Consider crushing material	Ongoing

e. Sustainability Implications

Nil.

f. Other Implications

Nil.

CONCLUSION

This report provides an update to Councillors with a review of progress of the project, highlighting any emerging risks or issues.

ATTACHMENTS

Nil.

Infrastructure Services

ISC.06.6

SCONE CBD REVITALISATION PROJECT

RESPONSIBLE OFFICER: Rag Upadhyaya - Director Infrastructure Services

AUTHOR: Alan Greer - Project Manager

RECOMMENDATION

That Council receive the report and note the information.

BACKGROUND

This report provides information to assist in understanding the current 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.

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

Kelly Street (West – Liverpool Street to St Aubins Street)

- Continuation of saw-cutting and removal of existing pavement and kerb on Kelly Street between Liverpool Street and St Aubins Street
- Excavation and installation of storm water drainage
- Commencement of installation of new 150mm diameter water main

St Aubins Square

- Completion of water main replacement works
- Demolition of existing road surface, kerbs and footpaths
- Excavation and installation of new storm water drainage

Next period's planned activity summary

Kelly Street (West – Liverpool Street to St Aubins Street)

- Continuation of storm water drainage
- Completion of installation of new 150mm diameter water main
- Installation of subsoils
- Construction of landscape wall footings

Kelly Street (West – Kingdon Street to Liverpool Street)

- Submission of Traffic Guidance Scheme to TfNSW outlining detour for next Stage on Kelly St (West Side Kingdon to Liverpool St)
- Approval and implementation of Traffic Guidance Scheme
- Commencement of saw-cutting and removal of existing pavement and kerb
- Commencement of storm water drainage

Infrastructure Services

St Aubins Town Square

- Construction of kerb, driveways and footpaths
- Excavation to subgrade and placement of pavement materials

Centre Medians and Traffic Control Signal (TCS) Variation

- Commence variation discussion with Contractor regarding the inclusion of center medians and TCS works in the current contract.

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

- Commence 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.

Contract Completion Dates

Area	Current Contract Completion Date
St Aubins Town Square	02/08/2023
B2 Liverpool to St Aubins - West	02/11/2023
B1 Kingdon to Liverpool – West	01/02/2024
B2 Liverpool to St Aubins - East	21/03/2024
B2 Liverpool to St Aubins – Road and Median	21/03/2024
B1 Kingdon to Liverpool - East	07/06/2024
B1 Kingdon to Liverpool - Road and Median	07/06/2024
Liverpool intersection works	07/06/2024

OPTIONS

1. Nil.

CONSULTATION

- Manager Assets and Strategic Projects
- Manager Finance
- Manager Water and Sewer
- Kelly Street property owners and businesses
- Transport for NSW
- Scone Chamber of Commerce

Infrastructure Services

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.

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	\$2,060,000
Upper Hunter Shire Council (UHSC) - General Fund	\$988,595
Upper Hunter Shire Council (UHSC) - Water Fund	\$801,896
Total Funding	\$15,816,273

Infrastructure Services

Spend to Date

Approved Total Project Budget	\$15,816,273
Amount spent to date	\$2,777,827
% of Budget	17.5%

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	High	Monitoring of progress and sequencing of activities	Ongoing

e. Sustainability Implications

Nil.

f. Other Implications

Nil.

CONCLUSION

This report provides an update to Councillors with a review of progress of the project, highlighting any emerging risks or issues.

ATTACHMENTS

Nil.