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# **Infrastructure Services Committee Agenda**

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9 May 2023 at 12.30pm

To All Councillors

*You are hereby notified that the next meeting of the Infrastructure Services Committee will be held on 9 May 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 (Chair), 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.05.1

#### WORKS PROGRAM - INFRASTRUCTURE SERVICES - WATER & SEWER

**RESPONSIBLE OFFICER:** Raghavendra 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; and
2. endorse level of consultation – Option 1. Letterbox drop of the plans and logic behind the decision to decommission the dam.

#### 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	67.1	Monthly target achieved. Demand for recycled water has increased due to warm weather.

#### Scone Water Treatment Plant (Joint with Muswellbrook Shire Council)

BECA attended the Brushy Hill site, on Thursday 27 May, to take the aerial images to develop the terrain model. The modelling is expected to be completed over the next two weeks.

#### 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.

In the last three months, an investigation has occurred into the performance of the intake works and the bioreactor (Bathurst Box). This investigation is likely to take two more months.

The initial assessment has found varying performance of the bioreactor, this is being investigated.

## Infrastructure Services

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### **Merriwa Sewerage Treatment Plant**

The removal of sludge from the tertiary ponds by Dredging Solutions was due to start in late April but has been delayed 3-4 weeks due to the contractor being delayed by their previous works. Council has completed all the preparation works required to meet UHSC obligations.

The required land acquisition to install discharge pipework from the tertiary process dam to the river, as per the EPA licence agreement is continuing.

### **Sewer Relining Program**

A contract has been awarded for the relining of sewer pipes in Murrurundi and Scone. Works on site are expected to commence in June 2023.

### **Water Main Renewal Work**

Contract has been awarded to TCM for construction of nine (9) water main replacements in Murrurundi, Scone and Merriwa. Works have commenced in Satur Road Scone.

### **Sewer Main Repair Works**

Sewer main access manhole and pipe repairs are continuing. The repairs were due to be completed by council staff but due to council staff unavailability will be rescheduled to be delivered by contractors.

### **Aberdeen River Pump Station Improvements**

Aberdeen River Pump Station upgrade is complete. The electrical switchboards that supply the raw water pumps from the river have been replaced as well as the control systems.

### **Integrated Water Cycle Management Plan**

Work is continuing on the Issues Paper. Additional work is occurring on above-ground asset assessments, Murrurundi pipe reticulation system modelling and peak day demand analysis. The IWCM issues paper is expected to be completed in around 4 weeks.

### **Village Water Supply - Parkville/ Wingen/ Blandford**

The design for these dispensing stations is complete. The dispensing equipment has been quoted and will be ordered 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 5 months.

### **Glenbawn Dam pipework discharge**

There has been a failure of a support bracket in the discharge tunnel at Glenbawn Dam. This has raised very significant engineering concerns about the structural capacity in a short section of the pipeline.

PWA provided an engineering proposal to undertake survey, modelling and a solution. This has been reviewed several times to minimise cost and ensure the scope of works is correct. It is expected that UHSC will engage the consultant next week.

## **Infrastructure Services**

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### **Murrurundi Dam**

In accordance with the process adopted at the last Infrastructure Services Committee meeting

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 with identified external stakeholders on the Murrurundi Dam. In attendance at the meeting was Public Works, DPE, Health, EPA and NSW Fisheries. The purpose of the meeting was to determine if any agency had an interest in the Dam facility. Good discussion occurred with several points being raised including environmental benefits of not extracting water from the Pages River, the need to amend the water security licence transferring it to the Hunter River system and the need to update health on the water filtering system.

The next step of the process (1.b Community notification/discussion) is to undertake some level of public consultation. It is understood that the community may have concerns around water security in relation to the dam.

Options available on the levels of communication with the community are:

1. Letterbox drop of the plans and logic behind the decision to decommission the dam
2. Letterbox drop as above + Detailed analysis made available on the web
3. Letterbox drop as above + Community meeting to discuss concerns

The recommendation is to undertake Option 1 – Letterbox drop of the plans and logic behind the decision to decommission the dam.

The process being proposed has 4 stages:

1. Determining the initial case for decommissioning
2. Making a case to maintain or decommission a dam
3. Initial selection of a method of decommissioning
4. Deciding on the preferred method of decommissioning

Council would make a decision at the end of Stage 2 when all the relevant facts are confirmed and consultation is completed.

This committee is requested to endorse the process as detailed in the “Briefing Note – “Murrurundi Dam Future Use”.

### **OPTIONS**

1. To note the report
2. Reject the report

## Infrastructure Services

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### CONSULTATION

- Director Planning & 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.

##### 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)

## Infrastructure Services

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### 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

### 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. The recycled effluent water usage is expected to reduce now as we move into autumn and winter.

Project renewal works delivery continues, some projects like Merriwa Sewer Treatment Plant Sludge removal, water pipe renewal and sewer pipe relining will extend into the next financial year.

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

Murrurundi Dam future use is being explored with the first external stakeholder meeting occurring on Tuesday 2 May. Public consultation is the next step.

## **ATTACHMENTS**

Nil.

## Infrastructure Services

### ISC.05.2 WORKS PROGRAM - INFRASTRUCTURE SERVICES - WORKS DELIVERY

**RESPONSIBLE OFFICER:** Raghavendra 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 April 2023.

KPIs								
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	88.3	< 106	19	146	Off target
Private Works	Level of surplus achieved in terms of revenue of total project expenditure	%	20	20	> 20	20	20	On target



**Infrastructure Services**

KPIs								
Item	Description	Unit	Monthly Target	YTD Target	Annual Target	Monthly Actual	YTD Actual	Comments
<b>Stormwater</b>	Completion of maintenance program, subject to funding (Stormwater)	%	7.5	67.5	>90	69.41	69	On track YTD
	Completion of planned inspections of the stormwater network using CCTV	%	7.5	52.5	>90	0	0	Program scheduled for May 2023
<b>Street Cleaning</b>	Length of Urban and CBD roads swept annually	km	38.6	347.20	>464	0	348	On track YTD
<b>Public Conveniences</b>	Number of customer request not responded to within 24 hours	#	3.3	29.7	< 40	0	0	On target
<b>Swimming Pools</b>	Percentage of time pools are open during the Season	%	100	100	100	100	100	Season will recommence in October 2023
<b>Bridges - Local</b>	Inspect 87 bridges biennial	#	3.62	21.72	43.5	48	48	Completed
<b>TfNSW State Roads</b>	Average days after end of month contract claim lodged with TfNSW	#	<15	<15	<15	5	16.5	On track
	Percentage of operational maintenance and works order projects on state road completed	%	7.5	90	>90	3	78	Delays due to plant breakdowns

**Infrastructure Services**

KPIs								
Item	Description	Unit	Monthly Target	YTD Target	Annual Target	Monthly Actual	YTD Actual	Comments
<b>Roads - Local</b>	Length of gravel unsealed pavement network inspected	km	80.8	808	>970	208.9	850.51	On target
	Length of local road sealed network resealed	km	2.16	21.6	>26	0	26.7	Yearly Target met
	Length of sealed pavement network inspected	km	38.3	383	>460	47.37	291.61	Off target
	Length of unsealed grading completed	km	96	864	>1,154	43.93	431.37	Off target. Program behind due to flood damage work and capital works program
<b>Roads - Regional</b>	Length of Regional networks road pavement inspected	km	14.5	145	>174	20.08	306.28	On target YTD
	Length of Regional road network resealed	km	1.25	11.25	>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.
<b>Regional Bridges</b>	Percentage of Regional Bridges inspected (45 total bridges)	%	4.16	37.49	>50	0	51	Annual target met
<b>Signs and Line Marking</b>	Maintenance of identified traffic signs and line marking completed annually	%	7.5	60	>90	34	37	Linemarking programmed

## Infrastructure Services

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### 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

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### **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 Planning & Infrastructure Services
- Infrastructure Services Managers
- Supervisors and Team Leaders

## Infrastructure Services

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### STRATEGIC LINKS

#### a. Community Strategic Plan 2032

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

##### Connected Community

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

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

##### Protected Environment

Ensuring the ongoing protection of our environment and natural resources.

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

##### Thriving Economy

Strengthening our vibrant industries and economy while seizing emerging opportunities.

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

##### Quality Infrastructure

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

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

##### Responsible Governance

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

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

#### b. Delivery Program

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

## Infrastructure Services

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### **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

## Upper Hunter Shire Council Grading Program 2022/23

Task Name	Hierarchy	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	24/03/2023	7/04/2023	21/04/2023	5/05/2023	19/05/2023	2/06/2023	16/06/2023	30/06/2023
<b>Merriwa</b>																																
Old Scone	Rural 3	Mon 31/07/23	Mon 31/07/23																													
Webimble	Rural 4	Tue 1/08/23	Tue 1/08/23																													
Dales Creek	Rural 3	Wed 2/08/23	Tue 15/08/23	30/01/2023	1/02/2023																											
Cockatoo Gap	Rural 4	Wed 16/08/23	Wed 16/08/23																													
Inglewood	Rural 4	Wed 16/08/23	Wed 16/08/23																													
Middle Creek	Rural 3	Thu 17/08/23	Tue 29/08/23	14/09/2022	28/09/2022																											
Middle Creek	Rural 4	Tue 29/08/23	Tue 29/08/23	28/09/2022	28/09/2022																											
Gummun	Rural 2	Wed 30/08/23	Mon 4/09/23	13/09/2022	14/09/2022																											
Cream of Tar Tar	Rural 4	Tue 5/09/23	Wed 6/09/23	12/09/2022	12/09/2022																											
Judy Kelly	Rural 4	Wed 6/09/23	Thu 7/09/23	13/09/2022	13/09/2022																											
Mountain Station	Rural 1	Fri 8/09/23	Mon 11/09/23	8/09/2022	12/09/2022																											
Witneys	Rural 4	Mon 11/09/23	Mon 11/09/23																													
Westwood	Rural 3	Mon 11/09/23	Tue 12/09/23	7/09/2022	7/09/2022																											
Dunblane	Rural 4	Wed 13/09/23	Wed 13/09/23																													
Flags	Rural 2	Tue 30/08/22	Thu 8/09/22	22/08/2022	5/09/2022																											
Glen Ruby	Rural 4	Fri 9/09/22	Fri 9/09/22																													
Flags	Rural 2	Mon 12/09/22	Tue 13/09/22	22/08/2022	5/09/2022																											
Worondi	Rural 3	Tue 13/09/22	Thu 15/09/22	31/03/2023	31/03/2023																											
Depot	Rural 3	Thu 15/09/22	Thu 15/09/22																													
Tunbridge	Rural 3	Mon 19/09/22	Tue 20/09/22	10/11/2022	15/11/2022																											
Leitch	Rural 4	Wed 21/09/22	Wed 21/09/22	14/11/2022	14/11/2022																											
Tunbridge	Rural 3	Thu 22/09/22	Fri 23/09/22																													
Cullingral	Rural 3	Mon 26/09/22	Wed 28/09/22	25/10/2022	28/10/2022																											
Duggan	Rural 4	Wed 28/09/22	Wed 28/09/22	28/10/2022	28/10/2022																											
Avocado	Rural 3	Thu 29/09/22	Wed 5/10/22	3/08/2022	8/08/2022																											
Forest Reserve	Rural 3	Wed 5/10/22	Tue 11/10/22	15/09/2022	21/11/2022																											
Flight Springs	Rural 1	Tue 11/10/22	Thu 13/10/22	24/11/2022	30/11/2022																											
Possum Springs	Rural 4	Thu 13/10/22	Mon 17/10/22	30/11/2022	5/12/2022																											
Flight Springs	Rural 1	Tue 18/10/22	Thu 20/10/22	24/11/2022	30/11/2022																											
Springfield	Rural 4	Fri 21/10/22	Fri 21/10/22	17/11/2022	17/11/2022																											
Gum Ridge	Rural 4	Mon 24/10/22	Mon 24/10/22	2/12/2022	5/12/2022																											
Sunnyside	Rural 4	Mon 24/10/22	Tue 25/10/22	5/12/2022	7/12/2022																											
Krui	Rural 4	Tue 25/10/22	Wed 26/10/22	1/03/2023	3/03/2023																											
Alyndale	Rural 4	Wed 26/10/22	Wed 26/10/22	3/02/2022	2/02/2022																											
Idaville Road																																
Mount Erin	Rural 3	Thu 27/10/22	Thu 10/11/22	18/01/2023	27/02/2023																											
Roma	Rural 3	Thu 10/11/22	Mon 21/11/22	10/01/2023	17/01/2023																											
Hampshire	Rural 2	Tue 22/11/22	Wed 30/11/22	18/12/2022	13/01/2023																											
Glenroy	Rural 3	Wed 30/11/22	Mon 5/12/22	21/11/2022	30/11/2022																											
Lettybrook	Rural 4	Tue 6/12/22	Tue 6/12/22																													
Binks	Rural 3	Wed 7/12/22	Thu 8/12/22	5/12/2022	6/12/2022																											
Redwell	Rural 4	Thu 8/12/22	Tue 13/12/22	25/11/2022	12/01/2023																											
Neverfail	Rural 4	Tue 13/12/22	Thu 15/12/22	12/01/2023	12/01/2023																											
Wollara	Rural 2	Thu 15/12/22	Tue 20/12/22																													
Settlement Lane	Rural 4	Tue 20/12/22	Tue 20/12/22																													
Hulks	Rural 3	Tue 20/12/22	Mon 26/12/22	18/01/2023	19/01/2023																											
Wollar	Rural 2	Mon 26/12/22	Wed 4/01/23	12/01/2023	27/02/2023																											
Killoe	Rural 2	Thu 5/01/23	Tue 10/01/23	21/11/2022	23/11/2022																											

## Upper Hunter Shire Council Grading Program 2022/23

Task Name	Hierarchy	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	24/03/2023	7/04/2023	21/04/2023	5/05/2023	19/05/2023	2/06/2023	16/06/2023		
Killoe	Rural 4	Wed 11/01/23	Fri 13/01/23																														
Rothbury	Rural 4	Fri 13/01/23	Mon 16/01/23																														
Pembroke to Hwy	Rural 2	Tue 17/01/23	Thu 26/01/23																														
High Park	Rural 4	Thu 26/01/23	Thu 26/01/23																														
Pembroke to End	Rural 3	Thu 26/01/23	Tue 7/02/23	6/03/2023																													
Comiala	Rural 2	Tue 7/02/23	Mon 13/02/23	27/02/2023	8/03/2023																												
Kruilaya	Rural 4	Mon 13/02/23	Mon 13/02/23	28/02/2023	8/03/2023																												
Willy Wally	Rural 4	Tue 14/02/23	Tue 14/02/23																														
Willunga	Rural 4	Wed 15/02/23	Thu 16/02/23																														
Darkwood	Rural 3	Mon 20/02/23	Wed 22/02/23																														
Borambil Racecourse	Rural 3	Thu 23/02/23	Fri 24/02/23																														
Bulgin	Rural 4	Mon 27/02/23	Mon 27/02/23																														
Wyoming	Rural 4	Mon 27/02/23	Wed 1/03/23																														
Kuloo	Rural 4	Wed 1/03/23	Tue 7/03/23																														
Cattle Creek	Rural 3	Wed 8/03/23	Mon 20/03/23																														
Cooba Bulga	Rural 3	Mon 20/03/23	Thu 30/03/23																														
Rotherwood	Rural 2	Thu 30/03/23	Tue 11/04/23																														
Tangaratta	Rural 4	Tue 11/04/23	Tue 11/04/23																														
Yarrowonga	Rural 3	Tue 11/04/23	Wed 19/04/23																														
Martins Lane	Rural 2	Wed 19/04/23	Thu 20/04/23																														
Coolah	Rural 3	Thu 20/04/23	Wed 26/04/23																														
Yallambie	Rural 4	Thu 27/04/23	Thu 27/04/23																														
Coinda	Rural 4	Thu 27/04/23	Thu 27/04/23																														
Stotts	Rural 4	Mon 1/05/23	Mon 1/05/23																														
Neeleys	Rural 4	Tue 2/05/23	Thu 4/05/23																														
Summerhill	Rural 1	Thu 4/05/23	Thu 11/05/23																														
Rosebud	Rural 4	Mon 15/05/23	Mon 15/05/23																														
Gummun	Rural 2	Tue 16/05/23	Thu 18/05/23																														
Flags	Rural 2	Fri 19/05/23	Tue 30/05/23																														
Flags	Rural 2	Wed 31/05/23	Thu 1/06/23																														
Hampshire	Rural 2	Thu 1/06/23	Thu 8/06/23																														
Wollara	Rural 2	Mon 12/06/23	Wed 14/06/23																														
Wollar	Rural 2	Thu 15/06/23	Tue 27/06/23																														
Killoe	Rural 2	Tue 27/06/23	Fri 30/06/23																														
Pembroke to Hwy	Rural 2	Fri 30/06/23	Tue 11/07/23																														
Comiala	Rural 2	Wed 12/07/23	Mon 17/07/23																														
Rotherwood	Rural 2	Tue 18/07/23	Thu 27/07/23																														
Martins Lane	Rural 2	Fri 28/07/23	Fri 28/07/23																														
Murrurundi																																	
Glenalvon	Rural 3	Tue 21/11/23	Tue 21/11/23	14/07/2022	19/07/2022																												
Pages River road	Rural 3	Tue 21/11/23	Mon 27/11/23	24/07/2022	25/07/2022																												
Warlands Creek	Rural 3	Tue 28/11/23	Tue 5/12/23	26/07/2022	27/07/2022																												
Haydons Woolshed	Rural 3	Wed 7/09/22	Wed 7/09/22																														
Parkins	Rural 4	Thu 8/09/22	Thu 8/09/22																														
Scotts Creek	Rural 3	Fri 9/09/22	Mon 26/09/22	12/09/2022	14/09/2022																												
Sandy Creek	Rural 3	Mon 26/09/22	Wed 28/09/22	11/07/2022	13/08/2022																												
Cooga	Rural 3	Thu 29/09/22	Mon 3/10/22																														
Tinseys	Rural 3	Tue 4/10/22	Tue 4/10/22																														
Green Creek	Rural 3	Tue 4/10/22	Tue 11/10/22																														
Timor PO	Rural 4	Tue 11/10/22	Wed 12/10/22																														
Edmonds	Rural 3	Wed 12/10/22	Thu 13/10/22																														



## Upper Hunter Shire Council Grading Program 2022/23

[illegible]

Dark Area is works completed  
Shaded Area is planned works

## Upper Hunter Shire Council Grading Program 2022/23

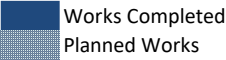
Task Name	Hierarchy	Start	Finish	Actual Start	Actual Finish	1/07/2022	15/07/2022	29/07/2022	12/08/2022	26/08/2022	9/09/2022	23/09/2022	7/10/2022	21/10/2022	4/11/2022	18/11/2022	2/12/2022	16/12/2022	30/12/2022	13/01/2023	27/01/2023	10/02/2023	24/02/2023	10/03/2023	24/03/2023	7/04/2023	21/04/2023	5/05/2023	19/05/2023	2/06/2023	16/06/2023	30/06/2023
Hunter Road Ellerston to Glenrock	Rural 1	Thu 20/07/23	Wed 2/08/23																													
Orham Creek	Rural 4	Wed 2/08/23	Tue 8/08/23																													
Glenroy Road	Rural 3	Wed 9/08/23	Mon 14/08/23																													
Timor-Crawney	Rural 1	Mon 14/08/23	Mon 4/09/23																													
Waverley Road	Rural 1	Tue 5/09/23	Wed 13/09/23																													
Timor Gundy	Rural 1	Thu 14/09/23	Thu 21/09/23																													
Hunter Road Ellerston to Moonan	Rural 2	Fri 22/09/23	Wed 4/10/23																													
Stewarts Brook	Rural 2	Wed 4/10/23	Tue 10/10/23																													
Stewarts Brook	Rural 2	Wed 11/10/23	Fri 20/10/23																													
Belltrees	Rural 2	Fri 20/10/23	Fri 20/10/23																													
Tomalla Road	Rural 2	Mon 23/10/23	Mon 20/11/23																													
<b>Scone</b>																																
Wrights	Rural 4	Tue 13/09/22	Tue 13/09/22																													
Ashbrooke	Rural 3	Wed 14/09/22	Thu 15/09/22	12/09/2022	14/09/2022																											
Gateleys	Rural 4	Thu 15/09/22	Mon 19/09/22																													
Petwyn Vale	Rural 3	Mon 19/09/22	Mon 19/09/22																													
Dry Creek	Rural 3	Tue 20/09/22	Wed 21/09/22	27/09/2022	29/09/2022																											
Dry Creek	Rural 4	Wed 21/09/22	Fri 23/09/22	5/10/2022	31/10/2022																											
Middlebrook Rd	Rural 3	Fri 23/09/22	Mon 26/09/22	14/09/2022	21/09/2022																											
Middlebrook Drive	Rural 4	Tue 27/09/22	Tue 27/09/22	26/09/2022	26/09/2022																											
Banool	Rural 3	Tue 27/09/22	Tue 27/09/22																													
Mareeba	Rural 3	Wed 28/09/22	Thu 29/09/22	30/01/2023																												
Wallington	Rural 3	Mon 3/10/22	Tue 4/10/22	9/03/2023	15/03/2023																											
Smiths	Rural 4	Tue 4/10/22	Tue 4/10/22																													
Common	Rural 3	Wed 5/10/22	Wed 5/10/22																													
Cliftlands	Rural 2	Thu 6/10/22	Fri 7/10/22	19/08/2022	25/08/2022																											
Moobi	Rural 2	Mon 10/10/22	Thu 13/10/22	25/08/2022	9/09/2022																											
Puan Buan Pit	Rural 4	Mon 17/10/22	Mon 17/10/22																													
Yarrandi	Rural 2	Tue 18/10/22	Thu 20/10/22	16/08/2022	19/08/2022																											
Thompsons Creek	Rural 3	Mon 24/10/22	Wed 26/10/22	27/09/2022	4/10/2022																											
Thompsons Creek	Rural 3			1/03/2023	8/03/2023																											
Upper Dartbrook	Rural 3	Thu 27/10/22	Wed 2/11/22	27/10/2022	31/10/2022																											
Sparkes Creek	Rural 3	Thu 3/11/22	Tue 8/11/22	4/10/2022	11/10/2022																											
Upper Dartbrook	Rural 3	Wed 9/11/22	Mon 14/11/22	31/10/2022	9/11/2022																											
Kiernans Creek	Rural 3	Mon 14/11/22	Thu 17/11/22	26/10/2022	27/10/2022																											
Upper Dartbrook	Rural 3	Fri 18/11/22	Mon 21/11/22																													
Brawboy	Rural 3	Tue 22/11/22	Wed 23/11/22	26/09/2022	28/09/2022																											
Millers Creek	Rural 4	Wed 23/11/22	Thu 24/11/22																													
Brawboy	Rural 3	Thu 24/11/22	Fri 2/12/22	29/09/2022	5/10/2022																											
Upper Dartbrook	Rural 3	Fri 2/12/22	Thu 8/12/22																													
Kars Springs	Rural 2	Thu 8/12/22	Wed 14/12/22																													
Mt Terrell	Rural 4	Wed 14/12/22	Thu 15/12/22																													
Kars Springs	Rural 2	Fri 16/12/22	Fri 16/12/22	17/10/2022	17/10/2022																											
Little Creek road	Rural 4	Fri 16/12/22	Tue 20/12/22																													
Jewisky	Rural 4	Tue 20/12/22	Tue 20/12/22																													
Kars Springs	Rural 2	Wed 21/12/22	Wed 21/12/22	18/10/2022	18/10/2022																											
Beales Creek	Rural 3	Thu 22/12/22	Tue 27/12/22	10/01/2023	10/01/2023																											
Kars Springs	Rural 2	Tue 27/12/22	Thu 5/01/23																													
Ridgeland	Rural 2	Mon 9/01/23	Mon 23/01/23	19/02/2023	8/03/2023																											
Ashwood	Rural 4	Mon 23/01/23	Mon 23/01/23	11/01/2023	11/01/2023																											

## Upper Hunter Shire Council Grading Program 2022/23

Task Name	Hierarchy	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	24/03/2023	7/04/2023	21/04/2023	5/05/2023	19/05/2023	2/06/2023	16/06/2023	30/06/2023
Gibbergunyah	Rural 4	Tue 24/01/23	Wed 25/01/23	19/01/2023	24/01/2023																											
Sophia Creek	Rural 3	Wed 25/01/23	Wed 25/01/23																													
Yarrandi	Rural 2	Thu 26/01/23	Mon 30/01/23																													
Moobi	Rural 2	Tue 31/01/23	Mon 6/02/23																													
Rossgole	Rural 3	Tue 7/02/23	Wed 15/02/23																													
Halls	Rural 2	Thu 16/02/23	Mon 20/02/23	12/09/2022	14/09/2022																											
Halls	Rural 3	Tue 21/02/23	Wed 22/02/23	14/09/2022	26/09/2022																											
Netherton	Rural 4	Thu 23/02/23	Thu 23/02/23																													
Blairmore Point	Rural 4	Thu 23/02/23	Thu 23/02/23																													
Thompsons Lane	Rural 4	Thu 23/02/23	Thu 23/02/23																													
Rouchel Gap Rd	Rural 3	Thu 23/02/23	Thu 23/02/23																													
Dangarfield	Rural 4	Fri 24/02/23	Fri 24/02/23																													
Dalvey	Rural 4	Mon 27/02/23	Mon 27/02/23	9/03/2023	10/03/2023																											
Spencer Lane	Rural 4	Mon 27/02/23	Mon 27/02/23																													
Armstrong	Rural 4	Mon 27/02/23	Mon 27/02/23	23/03/2023	29/03/2023																											
Stoney Creek	Rural 3	Tue 28/02/23	Wed 1/03/23	13/03/2023	21/03/2023																											
Albano	Rural 4	Thu 2/03/23	Mon 6/03/23	21/03/2023	22/03/2023																											
Stoney Creek	Rural 3	Mon 6/03/23	Tue 7/03/23																													
Glencoe	Rural 4	Wed 8/03/23	Thu 9/03/23	1/08/2022	2/08/2022																											
Bowmans Gully S	Rural 4	Thu 9/03/23	Fri 10/03/23																													
Back Creek	Rural 3	Mon 13/03/23	Mon 13/03/23	9/08/2022	10/08/2022																											
Kenelea	Rural 4	Mon 13/03/23	Tue 14/03/23	3/08/2022	4/08/2022																											
Back Creek	Rural 3	Wed 15/03/23	Wed 15/03/23	9/08/2022	10/08/2022																											
Upper Rouchel	Rural 3	Thu 16/03/23	Wed 5/04/23	14/07/2022	20/07/2022																											
Upper Rouchel	Rural 3			5/04/2023	19/04/2023																											
Malumia	Rural 4	Wed 5/04/23	Thu 6/04/23	14/07/2022	20/07/2022																											
Davis Creek	Rural 3	Thu 6/04/23	Thu 6/04/23																													
Davis Creek	Rural 4	Fri 7/04/23	Wed 12/04/23																													
Studleigh	Rural 4	Thu 13/04/23	Thu 13/04/23																													
Halcombe	Rural 3	Mon 17/04/23	Mon 17/04/23																													
Turanville	Rural 2	Tue 18/04/23	Wed 19/04/23	18/07/2022	20/07/2022																											
Ranch	Rural 4	Thu 20/04/23	Thu 20/04/23																													
Leighton Park	Rural 3	Thu 20/04/23	Fri 21/04/23																													
Glen Creek	Rural 3	Fri 21/04/23	Mon 24/04/23																													
Bobs camp road	Rural 4	Mon 24/04/23	Tue 25/04/23																													
Nectarbank	Rural 4	Wed 26/04/23	Wed 26/04/23																													
Meerimuka	Rural 4	Wed 26/04/23	Thu 27/04/23																													

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	7/02/2022	27/02/2023																			
Mount Erin	11.8	13.3		Fri 9/12/22	Wed 14/12/22		27/02/2023																			
Roma	7.3	10.3		Tue 7/02/23	Mon 13/02/23																					
Murrurundi																										
Scotts Creek	0	3.0		Fri 26/08/22	Thu 1/09/22	1/09/2022	8/09/2022																			
Timor-Crawney	14.6	17.6		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		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																			





Project Start: 3-Jun-23


Display Week:	1
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May 29, 2023

Jun 5, 2023	Jun 1
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Jun 12, 2023

[illegible]



UPPER HUNTER SHIRE COUNCIL

Display Week: 1

May 29, 2023

Jun 5, 2023

Jun 12, 2023

29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S

TASK	AREA (m2)	ASSIGNED TO	PROGRESS	START	END	DAYS	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
5 6.01 Mountain Station Rd	2080	Civil 1	0%	Tue 18/07/23	Fri 4/08/23	14 days																					
7 6.02 Kars Springs Rd	147.2	Civil 1	0%	Mon 7/08/23	Mon 7/08/23	1 day																					
Project Zone 7 Merriwa 2																											
3 7.01 Cullingrall Road	99	Civil 1	0%	Tue 8/08/23	Tue 8/08/23	1 day																					
4 7.02 Tunbridge Road	53	Civil 1	0%	Wed 9/08/23	Wed 9/08/23	1 day																					
1 7.03 Ulan Road	1100	Civil 1	0%	Thu 10/08/23	Tue 15/08/23	4 days																					
2 7.04 Vinegaroy Road	160	Civil 1	0%	Wed 16/08/23	Wed 16/08/23	1 day																					
Aberdeen Urdan Streets																											
3 7.01 Aberdeen Urdan Street	1750	Contractors	0%	Thu 24/08/23	Tue 29/08/23	4 days																					
Merriwa Urdan Streets																											
3 7.01 Merriwa Urdan Streets	1700	Civil 1	0%	Thu 17/08/23	Thu 24/08/23	6 days																					
Murrurundi Urdan Streets																											
3 7.01 Murrurundi Urdan Streets	1800	Contractors	0%	Wed 30/08/23	Thu 7/09/23	7 days																					
Scone Urdan Streets																											
3 7.01 Scone Urdan Streets	3000	Contractors	0%	Fri 8/09/23	Thu 21/09/23	10 days																					
Other Villages Streets																											
3 7.01 Scone Urdan Streets	1200	Contractors	0%	Fri 22/09/23	Fri 29/09/23	6 days																					

## Infrastructure Services

### ISC.05.3

### STRATEGIC AND CAPITAL WORKS UPDATE

**RESPONSIBLE OFFICER:** Raghavendra 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 – April 2023			
	Original Budget	Revised Budget	YTD Budget	YTD Actual
Projects	\$51,900,585	\$24,395,251	16,535,521	14,415,834
<b>% of YTD Actual works completed to Revised YTD Budget</b>				<b>87.18%</b>
<b>% of YTD Actual works completed to Revised Full Year Budget</b>				<b>59.09%</b>

#### 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

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### **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

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### **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	\$ 124,720.00		Budget threatened by high market prices		Detailed design started in January - 50% draft design completed	Complete detailed design process
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	\$ 27,588.00		Additional funding variation has been approved.		Contractor kick-off meeting has occurred. Design process has started.	Detailed design of bridge.
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	\$ 23,781.00		Additional funding variation has been approved.		Contractor kick-off meeting has occurred. Design process has started.	Detailed design of bridge. Mobilisation to site. Construction of side track bridge.
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	\$ 179,823.00		Additional funding variation has been approved.		Abutments poured. Planks lifted into place.	Bridge construction to be completed
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	\$ 28,409.00		Additional funding variation has been approved.		Tender awarded	Detailed design of bridge.
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	\$ 35,348.00		Additional funding variation has been approved.		Tender awarded	Detailed design of bridge.
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	\$ 27,864.00		Additional funding variation has been approved.		Contractor kick-off meeting has occurred. Design process has started.	Detailed design of bridge.
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	\$ 482,610.00		Additional funding variation has been approved.		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	\$ 99,618.00		Additional funding variation has been approved.		Pile driving unsuccessful. Additional geotechnical investigations done. Revised piling design being sought.	Completion of piling & pouring of abutments. Placement of planks.
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	Sep-23	\$ 244,837.00		Additional funding variation has been approved.		Abutments poured. Planks lifted into place.	Bridge construction to be completed
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	Jun-23	\$ 492,486.00		Additional funding variation has been approved.		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	Sep-23	\$ 339,994.00		Additional funding variation has been approved.		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	Oct-23	\$ 57,603.00		Additional funding variation has been approved.		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	\$ 55,675.00		Additional funding variation has been approved.		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	\$ 55,420.00		Additional funding variation has been approved.		Earthworks commenced for approaches.	Foundation integration - footings poured
Foothpath & Cycleways - Moobi Rd Cycleway	Construction of footpath / cycleway as per DPOP	\$ 30,000.00	52.5% UHSC 47.5% Resident Contribution	Jun-23	Jun-23	\$ 336,068.00		Additional drainage works required		On track.	Works Completed
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	\$ 252,439.00		Fixing Local Roads Grant application successful - \$3 Million - Total project cost \$5.6 Million		Detailed road design is undergoing one final review. 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 Cycle and Walk Way	To build a 4km footpath connecting areas of interest in Merriwa	\$ 982,674.00	\$922,674 BLERF \$60,000 UHSC	Jun-23	Jun-23	\$ 796,097.00		On track		On track	Construction of bitumen section & concrete works.
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	\$ 38,445.00		On track		On track	Shed installed, Electrical work to be completed
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	\$ 743,973.00		Work being undertaken by Council. Variation submitted to decrease length of works to 3.5km.		First cutting is complete. Second cutting 75% complete. Road widening earthworks have been commenced.	Completion of cuttings. Continuation of earthworks & drainage.
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 (Bunnann Road) - Tyrone Rd Upgrade	Intersection Upgrade	\$ 71,620.00	UHSC	Jun-23	Jun-23	\$ 37,635.81		On track		On track	Linemarking and guardrail
MR62 (Bunnann Road) - Blaydon St Intersection Upgrade	Intersection Upgrade	\$ 71,620.00	UHSC	Jun-23	Jun-23	\$ 51,699.46		On track		On track	Linemarking
MR62 (Bunnann Road) - Ridgeland St Intersection Upgrade	Intersection Upgrade	\$ 71,620.00	UHSC	Jun-23	Jun-23	\$ 51,055.78		On track		On track	Linemarking

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
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	\$ 103,994.00		Causeway upgrade is within budget.		Final plans for causeway upgrade are nearing completion. Anticipate that project to be delivered on time providing extension of time is granted.	Waiting for approval for EOT for causeway upgrade. Complete final plans. Obtain quotes for construction. Commence construction.
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 Lettbybrook 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	\$ 13,645.72		On track		On track	Trees have been ordered, awaiting delivery. Will be programmed for planting once arrived
Public Cemeteries – Aberdeen Lawn Cemetery Extension	Construction of new Columbarium Wall	\$20,000	UHSC	Jun-23	Jun-23	\$ -		On track		On track	Commenced
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	\$ 36,391.78		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	\$ 264,934.65		On track		On track	Overlay, moving of telstra line and seal.
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	\$ 14,697.71		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
Roads - Local Roads Upgrade	Potholes & Heavy Patch Program	\$ 591,431.97	Fixing Local Roads Program	Feb-24	Feb-24	\$ 592,000.00		On track		On track	Works Completed
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		Hold up in quotation process due to availability of contractors.	Begin construction
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)

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
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
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	Review committee applications
Sporting Grounds & Venues - Merriwa Showground Upgrade	Pending Funding	\$ 68,482.00	UHSC	Jun-23	Jun-23	\$ 60,634.82		pending funding			waiting on funding approval
Sporting Grounds & Venues - Murray Bain Oval Lighting Upgrade	Pending Funding	\$ 150,000.00	SCCF	Jun-23	Jun-23	\$ -		pending funding		pending funding	waiting on funding approval
Sporting Grounds & Venues - Scone Tennis Club Courts Resurfacing		\$ 191,278.00	UHSC	Jun-23	Jun-23			pending funding			
Stormwater Mangement - Belmore St Channel	Improve drainage	\$ 200,000.00	UHSC	Jun-23	Jun-23	\$ 50,031.99		On track		On track	Commencement
Stormwater Mangement - Segenhoe & Graeme Sts Aberdeen	Upgrade drainage	\$ 100,000.00	UHSC	Dec-22	Dec-22	\$ 93,119.84		On track		On track	Works Completed
Stormwater Replacement Program	Improve stormwater drainage network across the Shire	\$ 60,000.00	UHSC	Jun-23	Jun-23	\$ -		On track		On track	Commencement in 2023
Street Lighting	Lighting over pedestrian crossing located Vennacher Street Merriwa	\$ 60,000.00	UHSC	Jun-23	Jun-23	\$ 13,425.00		On track		On track	Complete design and quotation to undertake works
Swimming Pools - Merriwa Pool Amenities Upgrade	Upgrade to amenities	\$ 218,904.00	SCCR4 \$218,904 UHSC \$40,000	Nov-22	Jun-23	\$ 12,830.45		On track		At it's meeting on 29 August 2022 Council resolved to complete the amenities upgrade in-house in the off-season prior to June 2023.	Purchasing of materials
Swimming Pools - Murrurundi Pool Chlorine Dosing Plant		\$ 32,500.00	UHSC	Jun-23	Jun-23	\$ 30,250.00		On track		On hold	Project on hold due to Chlorine supply issue
Swimming Pools - Scone Pool Amenities Upgrade	Upgrade to amenities	\$ 187,200.00	SCCF4 \$152,539 UHSC \$76,661	Nov-22	Jun-23	\$ 52,025.87		On track		At it's meeting on 29 August 2022 Council resolved to complete the amenities upgrade in-house in the off-season prior to June 2023 pending the funding body agree to an extension.	Purchasing of materials
Waste Management - Aberdeen Waste Facility Expansion	Expansion of waste management facility	\$ 468,000.00	UHSC	Jun-23	Jun-23	\$ 4,116.00		On Track		Consultants engaged	Seek quotations for Stage 2 of project. Technical studies to be undertaken in Stage 2 include determination of appropriate approved pathway, geotechnical investigations and concept design of landfill expansion.
Waste Management - Merriwa Transfer Station	Development of new transfer station.	\$ 278,801.00	UHSC	Jun-23	Jun-23			On track		On track	Specialist studies to be carried out
Waste Management - Murrurundi Transfer Station	Development of new transfer station.	\$ 275,591.00	UHSC	Jun-23	Jun-23			On track		Negotiating ownership of the land. Designs finalised	Negotiate with local Indigenous group regarding Native Title Claim
Water Supplies - Village Reticulation Project	Installation of three water standpipe filling stations, Parkville, Wingen, Blandford	\$ 800,000.00	SSW		Apr-23	\$ 358,000.00		Within Budget		Water fill stations have been approved by Council. Project Manager on board and project is progressing	Agree on locations and key specifications with ISC/Council. Final design and tendering.
Water Supplies - Moobi Road Water Booster Pump Station	Installation	\$ 255,000.00	UHSC		Dec-23						
Water Supplies - Murrurundi Village Reticulation	Installation of outlet stations	\$ 600,000.00	Grants		Jun-23					On track	Concept design completed and location/concept approved by Council
Water Supplies - Raw water Pump Station Upgrade - Aberdeen	Installation of replacement Scone delivery pump, and associated valves and electrical system	\$ 640,250.00	UHSC	Jun-23	Jun-23	\$ 448,102.00		Project Complete		Project Complete	Project Complete
Water Supplies - Replace High Tower Tank & Platform - Aberdeen	Installation of high tower tank	\$ 269,813.00	UHSC	Jan-24	Jun-24	\$ 27,154.00		Deferred to 2023/2024		On Track	Re-scheduled majority of works to 2023/2024

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
Water Supplies - Telemetry Upgrade	Upgrade of telemetry systems shire wide	\$ 255,000.00	UHSC	May-23	Jun-24	\$ -		Majority Deferred to 2023/2024		On Track	Re-scheduled majority of works to 2023/2024
White Park Electrical Supply Upgrade	Upgrade supply of electricity to White Park	\$ 875,000.00	R4R7	Mar-23	Dec-23	\$ 59,000.00		Within Budget		Electrical design approvals and land consolidation taking much longer than estimated. Delivery timeline at risk.	Finalisation of Electrical Design. Completion of land consolidation. Tendering works.

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

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ISC.05.4

### MR358 WILLOW TREE ROAD UPGRADE

**RESPONSIBLE OFFICER:** Raghavendra Upadhyaya - Director Infrastructure Services

**AUTHOR:** Jeff Bush - Manager Strategic Assets

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#### **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.

##### **Project Control Group**

The PCG met on 4 April 2023 to discuss 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

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### **GHD – Detailed Design of Construction Rehabilitation**

GHD have completed all IFC drawings and documents.

### **Construction Rehabilitation Tender**

The tender has closed. The tenders are being evaluated both on non-price and price criteria. A report will be submitted to the PCG for endorsement and then to Council for adoption and award at the May 2023 Council meeting.

### **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.

The funding for the project has been given approval in principle by both State and Federal Governments.

### **Key activities for April 2023:**

- Evaluation of the tenders.
- Extension of tender validity period to 90 days
- PWA and staff working through tender departures and qualifications

### **Emerging issues:**

- Approved funding deeds to be received for execution from both the State & Federal Governments
- Completion of tender process with evaluation of proposed tenderers and recommendation to Council for adoption.

### **OPTIONS**

Nil

### **CONSULTATION**

- General Manager
- Director Planning & 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

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### STRATEGIC LINKS

#### a. Community Strategic Plan 2032

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

##### Connected Community

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

- 1.4 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
- Well maintained regional urban rural sealed and unsealed road networks • Well maintained regional urban rural sealed and unsealed road networks • Well maintained regional urban rural sealed and unsealed road networks
- Well maintained regional urban rural sealed and unsealed road networks
- 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

Federal funding not yet confirmed for construction at this stage.

## Infrastructure Services

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### 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.

## ATTACHMENTS

Nil.

Infrastructure Services

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ISC.05.5

**LOCAL ROADS INITIAL SEAL - PROJECT UPDATE**

**RESPONSIBLE OFFICER:** Raghavendra Upadhyaya - Director Infrastructure Services

**AUTHOR:** Chris Agosto - Project Manager

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**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

Open to Traffic – September 2023

*This Period's Progress Summary*

- Completion of tree clearing and mulching
- Completion of earthworks on the major cutting between chainages 220 and 360 utilising a 25 tonne excavator with a rock pick where necessary
- Commencement of cutting between chainages 2600 and 2740 by Nitro Civil Excavations
- Continuation of grubbing and stripping for road widening by Vision Excavations.

*Next Period's Planned Activity*

- Completion of major cuttings
- Earthworks for road widening and drainage structures
- Installation of stormwater culverts.

## Infrastructure Services

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### **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 – July 2023

Open to Traffic – May 2024

#### *This Period's Progress Summary*

- Completion of geotechnical examinations
- Completion of Review of Environmental Factors
- Completion of pavement design
- 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 – October 2023

Open to Traffic – December 2024

#### *This Period's Progress Summary*

- Final review 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
- Develop IFC drawings
- Order stormwater pipes and culverts.

### **OPTIONS**

Nil.

## Infrastructure Services

### 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		
LRCIF			\$1,460,868
HVSPP		\$2,000,000	
UHSC	\$200,000	\$604,899	\$1,184,585
<b>Total Funding</b>	<b>\$5,600,000</b>	<b>\$5,604,899</b>	<b>\$9,869,687</b>

### Expenditure

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

Road Project	Job-to-date	Budget	% of Budget
Moonan Brook Rd	\$743,973	\$5,600,000	13%
BT Forest Rd	\$124,720	\$9,869,687	1%
Hunter Rd	\$252,439	\$5,604,899	5%

## Infrastructure Services

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### 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
Supply of culverts taking excessive time	Medium	Culverts ordered in advance	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 cutting 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

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### ISC.05.6

### SCONE CBD REVITALISATION PROJECT

**RESPONSIBLE OFFICER:** Raghavendra Upadhyaya - Director Infrastructure Services

**AUTHOR:** Alan Greer - Project Manager

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#### **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**

##### **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**

- The Road Occupancy Licence for Kelly Street was approved utilising a detour for northbound traffic between Liverpool Street and St Aubins.
- Contractor established facilities in Campbell's Corner car park.
- The Kelly Street northbound traffic detour between Liverpool Street and St Aubins St was implemented on the evening of Thursday 13 April 2023.
- Building condition assessments of adjacent structures was completed for the first phase of works with the remainder of the inspections ongoing.
- The replacement of the asbestos water main at St Aubins St was completed.
- Saw-cutting and removal of existing pavement and kerb commenced on Kelly Street between Liverpool Street and St Aubins Street.

##### **Next period's planned activity summary**

###### **Kelly 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

## Infrastructure Services

### 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

- Acting Director Corporate & Community Services
- Manager Assets and Strategic Projects
- Manager Finance
- Manager Water and Sewer
- Scone Town Revitalisation Committee
- Kelly Street property owners and businesses
- Transport for NSW
- Scone Chamber of Commerce

### 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.



## 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.
- 4.2 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
<b>Total Funding</b>	<b>\$15,816,273</b>

#### Spend to Date

Approved Total Project Budget	\$15,816,273
Amount spent to date	\$2,026,559
% of Budget	12.8%

#### c. Legislative Implications

Nil.

#### d. Risk Implications

A risk register is being maintained for Scone CBD Revitalisation. 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	High	Monitoring of progress and sequencing of activities	Ongoing

## Infrastructure Services

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**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.