Infrastructure Services Committee Agenda

11 June 2019
To All Councillors

You are hereby notified that the next meeting of the Infrastructure Services Committee will be held on 11 June 2019 in the Barry Rose Room at 12.00pm, for the purpose of transacting the undermentioned business.

The Infrastructure Services Committee consists of

Cr Lorna Driscoll, Cr Ron Campbell, Cr James Burns, Cr Maurice Collison and Cr Wayne Bedggood.

STEVE MCDONALD
GENERAL MANAGER

1. APOLOGIES
2. DISCLOSE OF INTEREST
3. PUBLIC PARTICIPATION
4. BUSINESS ITEMS
5. AGENDA ITEMS

**INFRASTRUCTURE SERVICES REPORTS** ................................................................. 1
ISC.06.1 WORKS PROGRAM - INFRASTRUCTURE SERVICES - WATER AND SEWER ................................. 1
ISC.06.2 WORKS PROGRAM - INFRASTRUCTURE SERVICES ................................................................. 8
ISC.06.3 SPECIAL PROJECTS UPDATE ......................................................................................... 18
ISC.06.4 CAPITAL WORKS UPDATE ............................................................................................. 24
ISC.06.5 MURRURUNDI WATER UPDATE .................................................................................... 27
ISC.06.6 SCONETOMURRURUNDIPIPELINEMONTHLYREPORT ....................................................... 30
ISC.06.7 MURULLASTREETCAUSEWAYUPGRADE-UPDATE ........................................................ 52
ISC.06.8 UNSEALED ROAD MAINTENANCE PROGRAM .................................................................. 60
ISC.06.9 ANSWERS TO COUNCILLOR QUESTIONS ....................................................................... 73

**CONFIDENTIAL REPORTS** .............................................................................................. 81
CR.06.1 SCONEGOLFCOURSE ........................................................................................................... 81

6. COUNCILLOR QUESTIONS
The purpose of the report is to provide an update on all works undertaken by the Water and Sewer teams over the previous month and those planned for the upcoming month.

**RECOMMENDATION**

That the Committee receive the report and note the information.

**BACKGROUND**

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

**REPORT/PROPOSAL**

Progress of major projects is listed in Attachment 1 along with upcoming planned works. All works relating to Murrurundi water supply are covered in a separate report.

Project highlights from this month include (but are not limited to):

- **Upper Hunter Water Supply and Water Treatment Scoping Study**
  - Work underway by HH2O, draft report received 20 May 2019.
  - HH2O analyzing ‘raw water’ pipeline scenarios.
  - Workshop held with HH2O on 23 May 2019.
  - Initial report suggests filtration treatment plant will be required for Scone, and that Gundy may best be served with its own supply from Glenbawn Dam.
  - Project schedule is for June 2019 completion date.

- **Merriwa Sewage Treatment Plant (STP)**
  - HH2O awarded work to undertake Options Study for process/treatment improvements at Merriwa STP.
  - Some remediation works already undertaken at the STP to prevent surface runoff from neighbouring farmland entering the tertiary treatment ponds.
  - Quotations being sought to repair/replace the trickle filter mechanism, which is currently ‘short-circuiting’ this treatment step.

- **Village Reticulation and Reservoirs**
  - Council received confirmation that we have obtained a 60% grant subsidy for $4,444,000 for Village Reticulation and Reservoirs.
This funding is for the design and construction of the Parkville, Wingen and Blandford water supply systems via the Scone to Murrurundi Pipeline, and is also for the Murrurundi reservoir.

This funding is in addition to the $1,736,000 already approved for use on village reticulation and reservoirs under the current pipeline funding deeds.

Funding is contingent on submission and approval of a Business Case to the Department of Industry on the project.

Council is progressing with the Scope of Works for a Concept Design contract to be let ASAP for the village reticulation.

The Murrurundi Reservoir will be constructed by way of a separate Design & Construct tender, GHD will undertake a Concept Design for this component.

This funding does not cover Middlebrook or Gundy water supplies which will be applied for separately at the conclusion of the Scoping Study.

- Cassilis Sewerage Scheme
  - Cardno have nearly completed initial Review of Environmental Factors (REF) assessment.
  - However, due to the future STP site being on ‘flood affected land’ this will likely need a more comprehensive Environmental Impact Assessment (EIS) process to be undertaken.
  - Cardno have provided a quotation to Council to undertake a Flood Study for the STP site, which will need to be completed as part of the EIS.
  - Cardno are also preparing to undertake a Ground Water Study, so that we can have confidence in the project achieving the outcomes it is designed to achieve – i.e. that town water supplies are secured by implementing town sewer.
  - The additional studies, and the previous land acquisition delays, have meant the project is now scheduled for an early 2021 completion date. Restart NSW have approved the updated project program.
  - Cardno have confirmed that the ‘shock loads’ from large events at the Cassilis showground will be able to be treated by the current STP design.

- Safe and Secure – Version 2
  - The NSW Department of Industry – Water have relaunched the Safe and Secure Water Grant Program. This program is funded through the NSW Government’s Restart NSW Fund and is designed to provide safe, secure and sustainable water and wastewater services to regional NSW towns.
  - Funding for the Village Reticulation and Reservoirs was received as part of the ‘Version 2’ Safe and Secure program.
  - The new program has also been changed to allow funding support for Councils to undertake Integrated Water Cycle Management (IWCM) planning, which Council will be seeking to make use of to deliver our IWCM plan next year.
  - The Upper Hunter Water Utilities Alliance, comprising of Upper Hunter Shire, Muswellbrook Shire and Singleton Councils, are also looking to utilise the new Safe and Secure Program to help deliver a new joint Drought and Emergency Management Plan (DEMP) that will cover all our water supply schemes.
  - The aim of the joint venture will be to ensure;
    - Water restrictions are applied uniformly and consistently across all Councils.
    - There is a regional approach to water conservation and demand management.
Opportunities for cross-Council resource sharing are identified for emergency situations, such as storm damage or major network or treatment failures.

**OPTIONS**

To note the report.

**CONSULTATION**

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

**STRATEGIC LINKS**

a. **Community Strategic Plan 2027**

This report links to the Community Strategic Plan 2027 as follows:

**BUILT & NATURAL ENVIRONMENT**

**Goal 4**

- Plan for a sustainable future
  - CS15 Plan, facilitate and provide for a changing population for current and future generations.

**Goal 6**

- Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
  - CS24 Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
  - CS26 Provide safe and reliable water and sewerage services to meet the demands of current and future generations.

We are working to achieve the following Community Priorities:

- Reliable and safe water supply.
- Protect the natural environment.

b. **Delivery Program**

The report addresses the following objectives for works up to 30 June 2019 as described in the 2018/19 DPOP:
Infrastructure Services

Water Supplies
To provide an adequate and secure potable water supply to recognised standards in defined areas on a cost effective basis.

Sewage Services
To maintain a sewage system for the transportation and treatment of sewage to licence requirements and encourage appropriate further expansion of services.

c. Other Plans

Various 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

Identified within individual items in the 2018/19 budget.

c. Legislative Implications

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

d. Risk Implications

Maintenance and Capital activities play a vital role to mitigate and minimise Council’s risk in these areas.

e. Other Implications

Nil

CONCLUSION

The updated report is provided as Attachment 1 and details work undertaken over the previous month and works planned for the upcoming month.

ATTACHMENTS

1 Water and Sewer Works Program Update - May 2019
## Works Completed/Underway May 2019

<table>
<thead>
<tr>
<th>Location</th>
<th>Details</th>
<th>Work</th>
<th>Budget Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scone Water</td>
<td>Scone to Murrurundi Pipeline</td>
<td>Design works progressing.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Reinstate Well 5 and 6 for irrigation</td>
<td>SCADA works underway for Well 6. Awaiting quotation for Well 5 SCADA works.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Upper Hunter Scoping Study</td>
<td>Works progressing by HH2O. Workshop was held with HH2O following draft report.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Village Reticulation</td>
<td>Additional funding approved for design and construction of water supply for Parkville, Blandford and Wingen.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone – Sewage Treatment Plant (STP)</td>
<td>STP Augmentation Work</td>
<td>Minimal progress last month – waiting for outcome of funding application.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Scone Sewer</td>
<td>Saleyards Sewer Extension</td>
<td>Underbore designed and approved by ARTC, to be constructed in June by NCP.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Scone Sewer</td>
<td>White Park Sewer</td>
<td>Supply and installation to be undertaken by NCP.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Scone Sewer</td>
<td>Waverley Street Sewer</td>
<td>Received additional relining quotations in regards to the damaged sewer main behind Waverley Street properties. These compare favourably to a recent tender price for main replacement.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Cassilis</td>
<td>Cassilis Sewage System</td>
<td>Project program updated to reflect project delays – revised completion date is Feb 2021. Require Environmental Impact Assessment to be undertaken due to flood risks, this process could take 6 months.</td>
<td>Cassilis Sewer Services</td>
</tr>
<tr>
<td>Merriwa</td>
<td>Merriwa STP</td>
<td>HH2O undertaking Options Report for Merriwa STP.</td>
<td>Merriwa Sewer Services</td>
</tr>
<tr>
<td>Merriwa</td>
<td>MacKenzie Street Bore</td>
<td>MacKenzie Street Bore pump replaced as well as 90m section of rising main.</td>
<td>Merriwa Water Supply</td>
</tr>
<tr>
<td>Merriwa</td>
<td>Gooch Street mains replacement</td>
<td>Contracted water mains construction work completed in Merriwa by NCP.</td>
<td>Merriwa Water Supply</td>
</tr>
<tr>
<td>Aberdeen</td>
<td>Aberdeen Reservoirs</td>
<td>Engaged Brooks Brothers to supply the design for Hightower Platform Replacement, as original quote for D&amp;C exceeded $150,000 limit.</td>
<td>Scone/Aberdeen Water Supply</td>
</tr>
<tr>
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<td>-----------------------------------------------------------------------------------------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>UHSC</td>
<td>Integrated Water Cycle Management Plan (IWCM)</td>
<td>Met with Dol Water, Muswellbrook Shire Council and Singleton Council to discuss IWCM and Safe and Secure. Dol have indicated funding available to complete the IWCM process.</td>
<td>Scone, Aberdeen, Merriwa, Cassilis &amp; Murrurundi Water Supply. Scone, Aberdeen, Merriwa &amp; Murrurundi Sewer Services.</td>
</tr>
</tbody>
</table>
## Works Planned to start during June 2019

<table>
<thead>
<tr>
<th>Location</th>
<th>Details</th>
<th>Work</th>
<th>Budget Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scone Water</td>
<td>Village Reticulation</td>
<td>Initiate Detailed Design work for connection of Wingen, Parkville and Blandford.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Scone Reservoir</td>
<td>Install second high zone pump and VSD.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Aberdeen Intake</td>
<td>Install orifice plate and pipework at wet well for back feed line from Scone.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Sewer</td>
<td>White Park Sewer</td>
<td>New SPS constructed and commissioned.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Scone Sewer</td>
<td>Saleyards Sewer Extension</td>
<td>Contracted sewer mains construction to be completed by NCP, as well as rail underbore to connect to existing network.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Scone Sewer</td>
<td>Kelly Street sewer replacement</td>
<td>Contracted sewer mains replacement to be completed by NCP, for properties along west side of Kelly Street.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Reinstall Well 5 and 6 for irrigation</td>
<td>Telemetry upgrades will be completed for Well 6. Well 5 works ongoing.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Merriwa</td>
<td>SCADA/Telemetry Upgrade</td>
<td>Continuing work with Schneider Elec to undertake upgrade works at Merriwa WTP.</td>
<td>Merriwa Water Supply</td>
</tr>
<tr>
<td>Murrurundi</td>
<td>Murrurundi Water</td>
<td>Water carting ongoing.</td>
<td>Murrurundi Water Supply</td>
</tr>
<tr>
<td>Murrurundi</td>
<td>Murrurundi Water</td>
<td>Undertake Concept Design work for new Murrurundi Reservoir.</td>
<td>Murrurundi Water Supply</td>
</tr>
<tr>
<td>Murrurundi</td>
<td>Murrurundi Water</td>
<td>Contracted water mains construction to be completed by NCP to connect dead end at the caravan park.</td>
<td>Murrurundi Water Supply</td>
</tr>
<tr>
<td>Cassilis</td>
<td>Cassilis Sewage System</td>
<td>Flood Study undertaken in June/July.</td>
<td>Cassilis Sewer Services</td>
</tr>
</tbody>
</table>
PURPOSE

The purpose of the report is to provide an update on the Works Delivery Program undertaken over the previous month and that 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

Some of the major projects currently under construction or planned are:

- Regional Roads
  - MR358 Willow Tree Road upgrade (Stage 1 and 2)
  - MR105 Hunter Road - Kelly’s Gully to Waverley Road rehabilitation (Stage 1)
  - MR105 Hunter Road – Cooks Gap to Long Flat
- State Roads
  - Heavy Patching
- Saleyards
- Kingdom Street, Scone stormwater upgrade

MR358 Coulson Creek Road (Willow Tree Road) Initial Seal and Widening

This project is a joint project between Upper Hunter Shire Council (UHSC) and Liverpool Plains Shire Council (LPSC)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved Grant</td>
<td>$12,161,750</td>
</tr>
<tr>
<td>UHSC budget</td>
<td>$9,607,782</td>
</tr>
<tr>
<td>Expenditure to date</td>
<td>$4,907,869 (2018/19)</td>
</tr>
<tr>
<td></td>
<td>$3,006,339 (2017/18)</td>
</tr>
<tr>
<td></td>
<td>$201,741 (2016/17)</td>
</tr>
<tr>
<td>Commitments</td>
<td>$203,895  4 June 2019</td>
</tr>
<tr>
<td>Available budget</td>
<td>$1,287,938  4 June 2019</td>
</tr>
</tbody>
</table>

The project reached another significant milestone in May with a 1km section of stage 2 sealed, leaving only 2km remaining to complete the project. As at the date of this report the project is maintaining scheduled progress towards an August 2019 completion and is forecast to be delivered within budget, despite significant delay and expenditure relating to adverse ground conditions (hard rock and unsuitable soil).
Key activities undertaken last month:
- Stage 2 widening of Liverpool Range,
  - Progression of drainage structures (causeways and culverts).
  - Progression of placement and shaping of pavement.
  - Sealing of 1km in stage 2 leaving 2km of pavement to complete the UHSC component of the project.

Key activities in next three months:
- Completion of drainage pits, causeways and rock rip rap.
- Completion of stage 2 pavement placement and trimming (including sealing).
- Practical completion.

Emerging issues:
- Review of program and budget to ensure the project is delivered on time, within budget and meeting quality expectations.

MR105 Hunter Road – Cooks Gap to Long Flat
Council maintains a network of restricted vehicle access routes that provide a strategic connection that create links to places of significant regional and interstate importance. Much of this road network has pavement with inadequate strength to support the large volume of heavy vehicles using the network, including B-Doubles.

Council’s strategic assets team have developed an upgrade project for Hunter Road between Cooks Gap and Long Flat (approximately 1km). The project consists of drainage culvert upgrades and minor formation earthworks, followed by a pavement overlay and seal (including reshaping of a pull-off area).

Council commenced construction of this project in May 2019, with completion anticipated prior to 30 June 2019. The detailed construction estimate is forecasting an over-expenditure as discussed in the emerging issues below, the project scope is currently being reviewed to ensure delivery within the available funding.

<table>
<thead>
<tr>
<th>UHSC budget</th>
<th>$ 300,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expenditure to date</td>
<td>$ 20,763 ($ 157,558 committed)</td>
</tr>
<tr>
<td>Remaining budget</td>
<td>$ 121,679</td>
</tr>
</tbody>
</table>

Key activities undertaken last month:
- Site establishment and commencement of works.

Key activities in next three months:
- Earthworks, drainage and pavement works.
- Practical completion.
- End of project report to review of budget and schedule performance.

Emerging issues:
- The project is forecast to exceed the adopted budget by approximately $30-50,000, this is based on the following factors:
  - Areas of existing poor quality material in shoulder widening zones.
  - Detailed cut and fill operations not apparent from the detailed survey levels.
- The scope of this project is being reviewed in line with the budget allocation.
MR105 Hunter Road - Kelly’s Gully to Waverley Road Rehabilitation (Stage 1)
Council completed construction on Stage 1 (1km) of this project in April 2019. The remainder of the project will be delivered in subsequent years as funding becomes available.

UHSC budget $300,000
Expenditure to date $331,550
Remaining budget - ($31,550)

Key activities undertaken last month:
• Nil

Key activities in next three months:
• End of project report to review of budget and schedule performance.

Emerging issues:
• Actual expenditure has exceeded Council’s adopted budget for the 2018/1 financial year. It is proposed that the approximate over expenditure of $31,550 will be funded from the stage 2 allowance for this project in the 2019/20 budget.
• Council developed the delivery staging for this project over two financial years with the objective of minimising any rework and ensuring the best value for money without compromising road user safety or project quality.
• The overspend this financial year allowed stage 1 to be finished to a level that will not require any rework when stage 2 is delivered and the project completed. It was assessed that reducing the scope or length of stage 2 would have added significantly more expenditure to the overall project completion costs.

Kingdom Street Stormwater Upgrade (Fig Tree Gully to the Railway Line)
As part of Council’s ongoing urban stormwater improvement program, construction of approximately 200m of new reinforced concrete stormwater drainage pipes is planned to commence in May 2019.

The new network is located along Kingdon Street between the railway line and Fig Tree Gully. The new pipe network alignment is down the middle of the road pavement which will require a road closure and associated localised pavement rehabilitation following trenching of the pipes.

Commencement of construction was behind the original schedule, however the project is on track for completion prior to 30 June 2019. Expenditure is forecast to be within the budget allowance as identified below:

UHSC budget $165,000
ATRC Contribution $100,000
Expenditure to date $12,348 (additional $61,216 committed)
Remaining budget $191,436

Key activities undertaken last month:
• Site establishment and commencement of works

Key activities in next three months:
• Practical completion.

Emerging issues:
• No significant issues identified to date.
OPTIONS
Nil

CONSULTATION

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

STRATEGIC LINKS

a. Community Strategic Plan 2027
This report links to the Community Strategic Plan 2027 as follows:

ECONOMY AND INFRASTRUCTURE
Goal 6 Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
CS24 Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
CS25 Provide inviting public spaces that are clean, green, properly maintained, well designed, encourage active participation, family friendly and accessible to all.
CS27 Maintain and upgrade the road network and bridges.

We are working to achieve the following Community Priorities:

Well maintained, safe, reliable and additional infrastructure, including sporting fields, parks, family and cultural facilities.

Upper Hunter Shire has improved and well maintained roads and bridges.

b. Delivery Program
The report addresses the following objectives up to June 2019 as described in the 2018/19 DPOP:

Parks, Gardens and Sporting Fields
By providing quality open spaces, parks sporting grounds and reserves that are suitable and accessible for the community.
Roads and Bridges – Local & Regional
By undertaking roads, stormwater, footpaths and bridge maintenance and construction works to Council’s standards and specifications so as to improve road safety and minimise future expenses.

Parks & Gardens
- A parks and open space maintenance program across Council.
- Upgrade or replace parks and playground equipment.

Roads - Local & Regional
- A well maintained urban, rural sealed and unsealed road network.
- Increase effectiveness of preventative maintenance work as part of maintenance management works practices.
- Construction and quality specifications for road construction.

c. Other Plans
Asset Management Plans.

IMPLICATIONS

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

b. Financial Implications
Identified within individual items in the 2017/18 and 2018/19 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. Other Implications
Nil

CONCLUSION
The updated report is provided as Attachment 1 and details work undertaken over the previous month and works planned for the upcoming month.

ATTACHMENTS

1. Works Delivery Works in progress for Scone, Murrurundi & Merriwa - May/June 2019
2. Works Delivery Grant Funded Works Update - June 2019
## Works Delivery Works in Progress for Scone, Murrurundi & Merriwa – May/June 2019

### Programmed Construction Works

<table>
<thead>
<tr>
<th>Location</th>
<th>Work</th>
<th>Area (Crew)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saleyards (ongoing)</td>
<td>Waste Pad &amp; Light Carpark</td>
<td>Scone Crew</td>
</tr>
<tr>
<td>Cooks Gap (MR105)</td>
<td>Pavement Rehabilitation</td>
<td>Scone Crew</td>
</tr>
<tr>
<td>Kingdon Street</td>
<td>Stormwater</td>
<td>Scone Crew</td>
</tr>
<tr>
<td>Willow Tree Rd Stage 2</td>
<td>Ongoing: 36-38km from Scone Rd. Drainage and Base works continuing, Seal scheduled for 37-38km.</td>
<td>Merriwa Construction</td>
</tr>
<tr>
<td>Golden Highway near Redwell Road</td>
<td>Drainage extensions – 80% complete</td>
<td>Merriwa Concrete</td>
</tr>
</tbody>
</table>

### Programmed Grading Works

<table>
<thead>
<tr>
<th>Location</th>
<th>Work</th>
<th>Area (Crew)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Rouche Road, Waverley Road, Timor Road Gundy and Timor Crawney Road</td>
<td>Maintenance Grading</td>
<td>Scone Grader</td>
</tr>
<tr>
<td>Racecourse Road, Pembroke Road, Rotherwood Road, Yarrawonga Road and Darkwood Road – Subject to water availability and road condition.</td>
<td>Maintenance Grading</td>
<td>Merriwa Grader</td>
</tr>
</tbody>
</table>

### Capital Works - Complete

<table>
<thead>
<tr>
<th>Location</th>
<th>Work</th>
<th>Area (Crew)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Highway</td>
<td>Heavy Patching Seg. 228-237</td>
<td>Merriwa Grader</td>
</tr>
</tbody>
</table>

### Maintenance Grading – Complete

<table>
<thead>
<tr>
<th>Location</th>
<th>Work</th>
<th>Area (Crew)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albano Road, Brumlo Road, Carters Road, Mossvale Road, Stewarts Brook Road, Stoney Creek Road and Davis Creak Road</td>
<td>Maintenance Grading</td>
<td>Scone Grader</td>
</tr>
<tr>
<td>Willy Wally Road and Wyoming Road</td>
<td>Maintenance Grading</td>
<td>Merriwa Grader</td>
</tr>
<tr>
<td>Ref</td>
<td>Funding Amount</td>
<td>Funding Source</td>
</tr>
<tr>
<td>-----</td>
<td>----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>001</td>
<td>$526,000</td>
<td>SCCF 0084</td>
</tr>
<tr>
<td>002</td>
<td>$59,515</td>
<td>SCCF 0259</td>
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<tr>
<td>003</td>
<td>$154,841</td>
<td>SCCF 0597</td>
</tr>
<tr>
<td>004</td>
<td>$185,000</td>
<td>SCCF 0636</td>
</tr>
<tr>
<td>005</td>
<td>$124,229</td>
<td>SCCF 0647</td>
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<td>$291,329</td>
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<tr>
<td>Ref</td>
<td>Funding Amount</td>
<td>Funding Source</td>
</tr>
<tr>
<td>-----</td>
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</tr>
<tr>
<td>007</td>
<td>$243,750</td>
<td>SCCF 1002</td>
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<td>008</td>
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<td>009</td>
<td>$137,600</td>
<td>SCCF 1067</td>
</tr>
<tr>
<td>Ref</td>
<td>Funding Amount</td>
<td>Funding Source</td>
</tr>
<tr>
<td>-----</td>
<td>----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>011</td>
<td>$164,370</td>
<td>SCCF 1102</td>
</tr>
<tr>
<td>013</td>
<td>$109,517</td>
<td>PRMFP</td>
</tr>
<tr>
<td>014</td>
<td>$40,000</td>
<td>DCP</td>
</tr>
<tr>
<td>015</td>
<td>$59,000</td>
<td>DCP</td>
</tr>
<tr>
<td>016</td>
<td>$140,000</td>
<td>DCP</td>
</tr>
<tr>
<td>017</td>
<td>$183,000</td>
<td>DCP</td>
</tr>
</tbody>
</table>
## Works Delivery Grant Funded Works Update – June 2019

<table>
<thead>
<tr>
<th>Ref</th>
<th>Funding Amount</th>
<th>Funding Source</th>
<th>Project</th>
<th>Summary Scope / deliverables</th>
<th>Progress Status</th>
<th>Budget Status</th>
<th>General Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>018</strong></td>
<td>$84,000</td>
<td>DCP</td>
<td>Merriwa Pool &amp; Scone Pool – Shade Sales</td>
<td>New shade sales to be installed at the lower end of the Scone and Merriwa pools.</td>
<td>On track</td>
<td>Within budget</td>
<td>Design complete. Site works anticipated to commence June 2019.</td>
</tr>
<tr>
<td><strong>019</strong></td>
<td>$122,000</td>
<td>DCP</td>
<td>Merriwa Tennis Courts</td>
<td>Rehabilitation of tennis court surfaces.</td>
<td>On track</td>
<td>Within budget</td>
<td>Resurfacing contractor has been engaged. Site works anticipated to commence June 2019 (in accordance with user group consultation to delay commencement).</td>
</tr>
<tr>
<td><strong>020</strong></td>
<td>$60,000</td>
<td>DCP</td>
<td>Aberdeen Adventure Park</td>
<td>Climbing wall and obstacle course to be installed.</td>
<td>Amber flag</td>
<td>Within budget</td>
<td>Order placed for supply of equipment and local contractor engaged completed installation. Lead-time on playground equipment could push out installation into July 2019.</td>
</tr>
<tr>
<td><strong>021</strong></td>
<td>$60,000</td>
<td>DCP</td>
<td>Scone Pool Painting</td>
<td>Painting of the deep end of the pool including repairs to fibreglass and concrete shell.</td>
<td>On track</td>
<td>Within budget</td>
<td>Complete.</td>
</tr>
<tr>
<td><strong>022</strong></td>
<td>$145,000</td>
<td>L&amp;G</td>
<td>Bill Rose Sports Complex - Playground Upgrade</td>
<td>Construct new playground, bike track, outdoor gym, shade sales and BBQ area.</td>
<td>On track</td>
<td>Within budget</td>
<td>Delivery due by Jan 2021. SCCF and Drought projects to be prioritised.</td>
</tr>
<tr>
<td><strong>023</strong></td>
<td>$175,000</td>
<td>L&amp;G</td>
<td>Bill Rose Sports Complex - Cricket Nets</td>
<td>Remove existing cricket nets, construct 6 new cricket nets, fully fenced and roof over all.</td>
<td>On track</td>
<td>Within budget</td>
<td>Delivery due by Jan 2021. SCCF and Drought projects to be prioritised.</td>
</tr>
</tbody>
</table>
ISC.06.3  SPECIAL PROJECTS UPDATE

RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services

AUTHOR: Alan Fletcher - Special Projects Manager

PURPOSE

The purpose of this report is to provide an update on the projects being managed by the Special Projects Team.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

The report provides information to assist the Committee to understand the current status of each of the projects, what work has recently been completed, and the work that is planned for the next three months.

REPORT/PROPOSAL

Scone Golf Course Detailed Design and Reconstruction

<table>
<thead>
<tr>
<th>Approved total budget</th>
<th>$ 4,021,094</th>
<th>(Revised)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount spent each previous year</td>
<td>$ 36,314</td>
<td>(2015/16)</td>
</tr>
<tr>
<td></td>
<td>$ 150,621</td>
<td>(2016/17)</td>
</tr>
<tr>
<td></td>
<td>$ 2,983,844</td>
<td>(2017/18)</td>
</tr>
</tbody>
</table>

| Budget for current year | $ 850,316 | (2018/19) |
| Amount spent current year | $ 844,020 |
| Available funds/current year | $ 6,296 |

Note that there are additional costs accruing for this project. These include, additional contract management and legal costs which are not included in the figures above.

Key activities undertaken last month:
- Golf Course contractor achieved practical completion on 22 May 2019.
- The Golf Course was opened by the Deputy Mayor on Saturday 25 May 2019.
- Received positive feedback from golfing community on the quality and design of the Golf Course.

Key activities in the next three months:
- A detailed report on the Golf Course project is included in this business paper.

Emerging issues:
- See detailed report on the Golf Course project that is included in this business paper.
Infrastructure Services

Scone Regional Selling Centre –Saleyards Redevelopment

Approved total budget $11,818,270
Amount spent each previous year $ 565,445 (2017/18)
Budget for current year $ 7,734,168
Amount spent current year $ 6,731,201 (2018/19)
Available funds/ current year $ 1,002,967
Commitment $ 3,882,175 4 June 2019
Available funds total budget $ 659,449 4 June 2019

Key activities undertaken last month:
- The construction of the new selling pens and roofs contract Stages 1, 2 and 3 is finalised.
- Demolition completed on Stages 4, 5 and 6 (second major shed area).
- Construction of civil works for gravel base for Stages 4, 5 and 6 has commenced.
- Gravel pads for manure storage completed. Associated drainage works underway.

Key activities in next three months:
- Carpark works
- Electrical works
- Shed and yard works
- Ramp works

Emerging issues:
- Need to finalise the selling ring upgrade design. There are issues with improving the site to comply with the access requirements.

Old Court Theatre – Design and Consents

Approved total budget $ 227,108
Amount spent each previous year $ 7,108 (2017/18)
Budget for current year $ 70,000 (2018/19)
Amount spent current year $ 13,502
Available funds/ current year $ 56,498
Commitment $ 174,106 4 June 2019
Available funds total budget $ 32,392 4 June 2019

Key activities undertaken last month:
- A builder has been engaged following Council’s acceptance of quotation at April 2019 Council meeting.

Key activities in next three months:
- Commence building work to the limit of budget.
- Initiate works to secure grant funds, currently at risk due to delays in commencement.

Emerging issues:
- Nil
Infrastructure Services

Scone CBD Revitalisation – Detail Design

Approved total budget $269,793
Amount spent each previous year $30,207 (2017/18)

Budget for current year $269,793
Amount spent current year $48,135
Available funds/current year $221,658

Commitment $101,122 4 June 2019
Available funds total budget $90,329 4 June 2019

Key activities undertaken last month:
- Council representatives met with the Minister for Transport & Roads to discuss the Scone CBD Revitalisation project and funding.
- Additional survey work is required for the stormwater design.
- Incorporating information recently received from RMS on the road and stormwater assets conditions and various road treatment options for the long term.
- The Civil Engineer designer is firming up the stormwater and road designs.
- Co-ordination of the landscape design and the civil design.

Key activities in next three months:
- Completion of detailed landscape design and associated civil design work.
- Complete additional design, studies and reports i.e. electrical design, traffic report, quantity surveyor and review of environmental effects.
- Consultation with major stakeholders.
- Progress community consultation on the treatment of Liverpool & Kelly Street intersection (traffic lights or roundabout) as a priority to guide the design.

Emerging issues:
- Council seeking funding to complete the remainder of the project.

Murulla Street Causeway Upgrade

Forecast Cost $1,260,000
Expenditure year to date $27,739 (2018/19)
Available funds $1,232,261
Commitment $39,421 4 June 2019
Available funds total budget $1,192,840 4 June 2019

Key activities since last month:
- Concept design still being done by Bridge Design.
- Water way report still being done by Bridge Design.
- Geotechnical study completed by RCA.
- Community feedback sought on the options for the causeway upgrade.

Key activities in the next three months:
- Completion of concept design.
- Completion of water way report.
- Completion of tender documents.
- Advertise tender.
Emerging Issues:
- Community concerns about visual impact of new structure on the adjacent heritage listed timber foot-bridge, the swinging bridge.
- An additional report on Murrulla Street Causeway is provided in this month’s Agenda.

**Omadale Brook Bridge Replacement**

<table>
<thead>
<tr>
<th>Forecast Cost</th>
<th>$1,917,260</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expenditure year to date</td>
<td>$ 15,593</td>
</tr>
<tr>
<td>Available funds</td>
<td>$1,901,667</td>
</tr>
<tr>
<td>Commitment</td>
<td>$ 40,488</td>
</tr>
<tr>
<td>Available funds total budget</td>
<td>$1,861,179</td>
</tr>
</tbody>
</table>

Key activities since last month:
- Concept design still being completed by Bridge Design.
- Water way report still being completed by Bridge Design.
- Geotechnical study completed by RCA.

Key activities in the next three months:
- Completion of concept design.
- Completion of water way report.
- Completion of tender documents.
- Advertise tender.

Emerging Issues
- The community needs to be informed about a low level crossing being used during works.

**OPTIONS**

1. Note the report.

**CONSULTATION**

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

**STRATEGIC LINKS**

a. **Community Strategic Plan 2027**

This report links to the Community Strategic Plan 2027 as follows:

**Goal 4** Plan for a sustainable future

CS15 Plan, facilitate and provide for a changing population for current and future generations.

**Goal 6** Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.

CS26 Provide safe and reliable water and sewerage services to meet the demands of current and future generations.
Goal 7  Enhance and improve the road network and bridges to meet the needs of current and future generations and communicate priorities and progress to the Community.
CS27  Maintain and upgrade the road network and bridges.
CS28  Increased Community engagement and updates on infrastructure planning, road priorities, works and improvements.
CS29  Advocate, facilitate and/or provide traffic management and public transport facilities to meet the needs of the Community.

We are working to achieve the following Community Priorities:

- **Rural lifestyle and Country feel are valued and protected and the Upper Hunter Shire remains quiet, safe, healthy and welcoming.**
- **Well maintained, safe, reliable and additional infrastructure, including sporting fields, parks, family and cultural facilities.**
- **Upper Hunter Shire has improved and well maintained roads and bridges.**
- **Protect the natural environment.**
- **Reliable and safe water supply.**

b. **Delivery Program**

The report addresses the following objectives for works to 30 June 2019 as described in the 2018/19 DPOP.

- **Bridges**
  By undertaking bridge maintenance and construction works to Council standards and specifications so as to improve safety and minimise future expenses.

- **Local Roads**
  Undertake road maintenance and construction works to Council. Standards and specifications so as to improve road safety and minimise future expenses.

- **Regional Roads**
  To undertake roads and bridge maintenance and construction works to Council’s standards and specifications so as to improve road safety and minimise future expenses.
Infrastructure Services

Stormwater
To provide stormwater drainage systems to manage flows.

Water Supplies
To provide an adequate and secure potable water supply to recognised standards in defined areas on a cost effective basis.

Sewage Services
To maintain a sewage system for the transportation and treatment of sewage to licence requirements and encourage appropriate further expansion of services.

c. Other Plans
Council’s Asset Management Plan list projects for the development of the Capital Works Program.

IMPLICATIONS

a. Policy and Procedural Implications
Nil

b. Financial Implications
All works have been budgeted for in accordance with the Delivery Program and Operational Plan (DPOP) 2018/19.

c. Legislative Implications
Due to the value of the projects being over $150,000 the tendering provisions of the Local Government Act 1993 and the Local Government (General) Regulation 2005 apply.

The two sewerage scheme projects, the Scone Sewerage Treatment Plant Augmentation and Cassilis Sewerage Scheme require State Government approval under Section 60 of the Local Government Act 1993.

d. Risk Implications
Implementation of a project management framework will assist with project management completion of capital projects. Completion of these capital works projects assists Council to mitigate their risk exposure.

e. Other Implications
Nil

CONCLUSION
The Special Projects update report provides Councillors with a review of progress of the projects and emerging issues.

ATTACHMENTS
Nil
ISC.06.4  CAPITAL WORKS UPDATE

RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services

AUTHOR: Nicholas Havyatt - Director Infrastructure Services

PURPOSE

The purpose of this report is to provide an update on capital works projects within the 2018/2019 budgetary period.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

In association with the 2018/19 Delivery Program and Operational Plan, a schedule of the planned capital works has been prepared. Budget holders have been asked to identify when the project is planned to be delivered.

REPORT/PROPOSAL

The spreadsheet provided under separate cover shows the expenditure up to the end of May 2019, which to date is running at 97% of the year to date budget.

Key projects currently include:

- Willow Tree Road Construction
- Saleyards
- Murrurundi Water Pipeline
- Fleet Purchases

OPTIONS

1. By receiving and noting the capital works update, Council is advised of works progress and associated works scheduling.
2. Councillors may seek adjustments to works timing and priorities where identified.

CONSULTATION

- Director Infrastructure Services
- Manager Works Delivery
- Manager Strategic Assets
- Manager Water & Sewer
- Manager Special Projects
STRATEGIC LINKS

a. Community Strategic Plan 2027
This report links to the Community Strategic Plan 2027 as follows:

**ECONOMY AND INFRASTRUCTURE**
Goal 6 Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.

CS24 Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.

CS25 Provide inviting public spaces that are clean, green, properly maintained, well designed, encourage active participation, family friendly and accessible to all.

CS27 Maintain and upgrade the road network and bridges.

We are working to achieve the following Community Priorities:

- Well maintained, safe, reliable and additional infrastructure, including sporting fields, parks, family and cultural facilities.
- Upper Hunter Shire has improved and well maintained roads and bridges.
- Reliable and safe water supply.

b. Delivery Program
The report addresses the following objectives as described in the 2018/19 DPOP.

**Bridges**
By undertaking bridge maintenance and construction works to Council standards and specifications so as to improve safety and minimise future expenses.

**Footpaths**
Providing and maintaining a cycleway/footpath network that will contribute to the accessibility, safety and amenity of streets in Council’s towns and villages.

**RMS State Roads**
- Remain a core service provider to RMS
- Provide value for money service to RMS

**Local Roads**
Undertake road maintenance and construction works to Council. Standards and specifications so as to improve road safety and minimise future expenses.
Regional Roads
To undertake roads and bridge maintenance and construction works to Council’s standards and specifications so as to improve road safety and minimise future expenses.

Stormwater
To provide stormwater drainage systems to manage flows.

c. Other Plans

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

Council’s Asset Management Plans are also reference documents for the development of the capital works program.

**IMPLICATIONS**

a. Policy and Procedural Implications

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

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

b. Financial Implications

All works have been budgeted for in accordance with the Delivery Program and Operational Plan (DPOP) 2018/19.

c. Legislative Implications

Not applicable.

d. Risk Implications

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

e. Other Implications

Not applicable.

**CONCLUSION**

The capital works update report provides Councillors with a review of the progress of capital works for the 2018/19 financial year.

**ATTACHMENTS**

Nil
POURSE

The purpose of this report is to provide the Committee with an update of what works have been undertaken this month specifically in relation to the Murrurundi Water Supply.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

The Upper Hunter Region, and most of regional NSW, is currently experiencing severe drought conditions. Murrurundi is currently on Level 6 water restrictions and the current outlook is that water may run out completely before the end of the year if alternative arrangements are not made.

REPORT/PROPOSAL

Works/progress/issues this month includes:

- Consumption targets were met for the first time since last winter, being 187kL/d average for week ending 23/5/19. 188kL/d is the total amount that will be subsidized by the NSW Government, with usage above that amount needing to be 100% covered by Council.
- Consumption is back up to 199kL/d this week due to a house fire that occurred – 100kL of water was used to extinguish the blaze.
- Ongoing issues with the Litree Plant. The plant is currently running but with some periodic faults. Litree are working with us closely to resolve issues.
- The Glenalvon Bore continues to perform well, producing a consistent 110 – 120 kL/d.

Works to be undertaken next month:

- Council will continue to work with Litree to get the membrane treatment plant working reliably.
- GHD will begin concept design work for the Murrurundi reservoir.
- Council will request new quotations for water carting for the new financial year, noting that carting demands have dropped since last summer. Council still intends to keep at least two trucks operating to ensure contingency in case one of the trucks is out of action for any reason.
- National Geographic will be in Murrurundi in June 2019 to film part of a documentary that highlights how different places around the world cope with drought. The focus will be on the ways that residents conserve water day to day.
Current status (02/05/2019) is:

- Dam Level 3.5 m (17.7%)
- Boyd Street Pump Station supply 38 kL/d
- Glenalvon Bore Pump Station supply 117 kL/d
- Target town consumption 188 kL/d
- Actual town consumption 199 kL/d
- Water carted 80 kL/d

Summary of Murrurundi Dam algae results for May 2019:

<table>
<thead>
<tr>
<th>Date</th>
<th>1m Sample</th>
<th>2m Sample</th>
<th>WQRA Blue-Green Algae Action Flow Chart Guidelines Alert Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/05/19</td>
<td>17.1883</td>
<td>23.4307</td>
<td>Level 3 – Very High Alert</td>
</tr>
<tr>
<td>13/05/19</td>
<td>21.0648</td>
<td>34.4165</td>
<td>Level 3 – Very High Alert</td>
</tr>
<tr>
<td>20/05/19</td>
<td>23.9337</td>
<td>27.3861</td>
<td>Level 3 – Very High Alert</td>
</tr>
<tr>
<td>27/05/19</td>
<td>12.9968</td>
<td>24.1751</td>
<td>Level 3 – Very High Alert</td>
</tr>
</tbody>
</table>

**OPTIONS**

1. Receive the report.
2. Amend the recommendation.

**CONSULTATION**

- General Manager
- Director Infrastructure Services
- DPI Water

**STRATEGIC LINKS**

a. **Community Strategic Plan 2027**

This report links to the Community Strategic Plan 2027 as follows:

**BUILT & NATURAL ENVIRONMENTAL**

**Goal 4** Plan for a sustainable future

CS15 Plan, facilitate and provide for a changing population for current and future generations.

**Goal 6** Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.

CS24 Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.

CS26 Provide safe and reliable water and sewerage services to meet the demands of current and future generations.

We are working to achieve the following Community Priorities:
Infrastructure Services

b. Delivery Program

The report addresses the following objectives for works up to 30 June 2019 as described in the 2018/19 DPOP:

Water Supplies

To provide an adequate and secure potable water supply to recognised standards in defined areas on a cost effective basis.

c. Other Plans

Drought Management Plan.

IMPLICATIONS

a. Policy and Procedural Implications

Nil

b. Financial Implications

These works are reactive, unplanned and subsequently not budgeted for. Funding assistance from the NSW Government has been sought to reduce the impacts on Council. Should we not receive funding then costs will be taken from the water reserves.

c. Legislative Implications

Nil

d. Risk Implications

This is an ongoing high risk situation while ever the drought conditions persist.

e. Other Implications

Nil

CONCLUSION

The situation is not yet resolved and another update will be provided next month.

ATTACHMENTS

Nil
ISC.06.6  SCONE TO MURRURUNDI PIPELINE MONTHLY REPORT

RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services
AUTHOR: Chris Agosto - Project Manager

PURPOSE

The purpose of this report is to provide an update on the Scone to Murrurundi Pipeline project.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

This report provides information to assist the Committee to understand the current status of the project, what work has recently been completed, and the work that is forecast for the next three months, plus the revised forecast for the end of the project.

REPORT/PROPOSAL

1  Project Overview

1.1 Project Description (from Funding Agreement with Restart NSW)
Water pipeline, pump stations, balance tanks, controls and telemetry to supply Glenbawn Dam water from the existing pipeline at Scone to Murrurundi. The pipeline will also deliver drinking water to the villages of Parkville, Wingen and Blandford for future reticulation.

1.2 Project Funding

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restart NSW – Water Security for Regions – Water Backlog</td>
<td>$ 1,500,000</td>
</tr>
<tr>
<td>Upper Hunter Shire Council (UHSC) - Loans</td>
<td>$ 2,486,000</td>
</tr>
<tr>
<td><strong>Total Funding</strong></td>
<td><strong>$15,529,000</strong></td>
</tr>
</tbody>
</table>

1.3 Project Timetable

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Start Date:</td>
<td>May 2015</td>
</tr>
<tr>
<td>Proposed Completion of MDI Pipeline:</td>
<td>Mid 2020</td>
</tr>
</tbody>
</table>

1.4 Award of Contract

Council accepted the tender of Leed Engineering and Construction Pty Ltd (Leed) on 14 March 2019 for the detailed design and construction of the pipeline.

2  Management Systems

2.1 Work Health and Safety

2.1.1 Incidents
There are no safety incidents to report for this month or for the project to date.
2.1.2 Management System
Leed’s Safety Management Plan was reviewed by the project team. The plan was then reviewed with Leed’s project team and a number of improvement suggestions were to be taken to their management for review.

2.1.3 General
A Construction Hazard Assessment Implication Review (CHAIR1) workshop was held on the concept design to reduce the construction, operations and maintenance safety risks associated with the design. The workshop was held on Wednesday 15 May 2019 and included representatives from UHSC, Leed, GHD, Schneider and DPI Water.

2.2 Quality

2.2.1 Incidents
There are no quality incidents to report for this month or for the project to date.

2.2.2 Management System
Leed’s Quality Management Plan was reviewed by the project team. The plan was then reviewed with Leed’s project team and a number of improvement suggestions were to be taken to their management for review.

2.2.3 General
Gavin McKenzie will be appointed as Superintendent’s Representative with the delegated function of quality management.

Chris Agosto will be appointed as Superintendent’s Representative with the delegated functions of all of the Superintendent’s functions apart from quality management. Letters of appointment for the Superintendent (Nicholas Havyatt) and Superintendent’s Representatives (Chris Agosto & Gavin McKenzie) need to be sent.

2.3 Environmental

2.3.1 Incidents
There are no environmental incidents to report for this month or for the project to date.

2.3.2 Management System
Leed’s Environmental Management Plan was reviewed by the project team. The Plan was then reviewed with Leed’s project team and a number of improvement suggestions were to be taken to their management for review.

2.3.3 General
The amended plan will be checked against the project’s REF to ensure the plan contains suitable control measures.

3 Project Status

3.1 Key Activities Completed in the Last Month
- CHAIR1 workshop held on 15 May 2019.
- Review of Leed’s Safety, Quality & Environmental Management Plans.
- Finalisation of Deeds of Agreement for Easements and Access Agreements.
- Field survey of pipeline alignment by Leed’s surveyor.
- Field survey of Crown land parcels for compulsory acquisition of easements.
Infrastructure Services

- Completion and issue of report for archival recording of a section of the old Wrights Road.
- Development of scope of work and supporting documents to tender the concept design and costing of the three villages.
- Commencement of review of options for Murrurundi reservoir site and size.

3.2 Significant Achievements in the Next 3 Months
- CHAIR 2&3 workshop will be held on the detailed design which will include a safety-in-design review as well as a hazop.
- Further review of Leed’s Safety, Quality & Environmental Management Plans.
- Finalisation of Deeds of Agreement for Easements and Access Agreements.
- Completion of negotiations with Native Title claimants on compensation for Crown land easements.
- Gazettal of Acquisition Notices for compulsory acquisition of easements on Crown land.
- Introductory meetings between Leed project management team, affected land owners and Council’s project management team.
- Commencement of construction.
- Tendering of the concept design and costings for the three villages.
- Undertake options assessment of Murrurundi reservoir site and size.

3.3 Stakeholder Engagement
- DPI Water was invited to the CHAIR1 workshop held on 15 May 2019.
- Public review of UHSC Rural Water Supply Policy during April/May.
- Sod turning media event planned for commencement of construction.

3.4 Project Program
- A Gantt chart will be tabled at the meeting.

4 Project Status

4.1 Spend to Date

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved Budget</td>
<td>$15,529,000</td>
<td></td>
</tr>
<tr>
<td>Expenditure to date</td>
<td>$1,180,093</td>
<td></td>
</tr>
<tr>
<td>Amount spent each previous year</td>
<td>$40,401</td>
<td>(2014/15)</td>
</tr>
<tr>
<td></td>
<td>$166,226</td>
<td>(2015/16)</td>
</tr>
<tr>
<td></td>
<td>$241,591</td>
<td>(2016/17)</td>
</tr>
<tr>
<td></td>
<td>$312,673</td>
<td>(2017/18)</td>
</tr>
<tr>
<td>Budget for current year</td>
<td>$503,588</td>
<td>(2018/19)</td>
</tr>
<tr>
<td>Amount spent current year</td>
<td>$419,202</td>
<td>(2018/19)</td>
</tr>
<tr>
<td>Available funds/current year</td>
<td>$84,386</td>
<td></td>
</tr>
</tbody>
</table>

4.2 Major Expenditure in Previous Month
- Survey plans for easements over Crown lands – $28,080
- Archival recording of a section of the old Wrights Road – $4,000
5 Risk Register

5.1 Risk Assessment Review
A risk assessment review by the pipeline management team was held on 28 March 2019. The following control measures have been developed as a result of the review:

- Procedure for approval of financial and engineering change.
- Procedure for extended construction hour’s approval.
- Project execution management plan – construction.
- Process for management of hard dig claims.
- SOP for inspections/surveillance by UHSC officers.

A Probity Audit Report was completed on the tender process by Regional Procurement. The Probity Audit Report is attached to this report.

5.2 Current High Risks
The following are the top three high risks:

- Negotiation of easement with JBS is not making progress – the fall back option will be to route the pipeline down the existing road reserve through the cropped area and under the dam wall.
- Village reticulation areas not clearly defined.
- Village connection and pricing policies yet to be determined.

6 Decisions and Approvals

6.1 Murrurundi Reservoir Options Study
GHD have submitted a fee proposal to undertake Stage 1 of the Murrurundi Reservoir Options Study - an options assessment to determine the best location and sizing for the new Murrurundi reservoir. Stage 1 of the proposal is for a lump sum fee of $26,355. As GHD have done the modelling for the pipeline system in earlier work, and has been involved in the tender analysis and safety in design review, there will be a saving in both cost and time on this component of the job if it were awarded to GHD.

Permission is being sought from the Project Control Group to engage GHD to proceed with this work.

OPTIONS

1. Note the report.

CONSULTATION

- Director Infrastructure Services
- Manager Special Projects
- Manager Water & Sewer
- Finance Manager.
STRATEGIC LINKS

a. Community Strategic Plan 2027
   This report links to the Community Strategic Plan 2027 as follows:

   BUILT & NATURAL ENVIRONMENTAL
   Goal 4 Plan for a sustainable future
   CS15 Plan, facilitate and provide for a changing population for current and future generations.
   Goal 6 Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
   CS24 Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
   CS26 Provide safe and reliable water and sewerage services to meet the demands of current and future generations.

   We are working to achieve the following Community Priorities:

   b. Delivery Program
   To provide an adequate and secure potable water supply to recognised standards in defined areas on a cost effective basis.

   c. Other Plans
   Drought Management Plan.

IMPLICATIONS

a. Policy and Procedural Implications
   Upper Hunter Shire Council Rural Water Supply Policy.

b. Financial Implications
   All works have been budgeted for in accordance with the Delivery Program and Operational Plan (DPOP) 2018/19.

c. Legislative Implications
   Nil

d. Risk Implications
   Refer to section 5 of the report above.
e. Other Implications

Nil

CONCLUSION

This report provides an update to Councilors with a review of progress of the project and emerging issues.

ATTACHMENTS

1 Reg Pro Probity Audit Report on UHSC Pipeline Construction Tender Process
Probity Audit Report

Upper Hunter Shire Council
Scone to Murrurundi Pipeline – Design Development and Construction Tender

Contents

Audit Objectives, Scope, Methodology and Findings .................................................. 3
Background Information .................................................................................................. 3
Audit Objectives ............................................................................................................... 3
Scope ............................................................................................................................... 3
Audit Criteria ................................................................................................................... 4
Potential Probity Risks .................................................................................................... 4
Methodology ................................................................................................................... 4
Summary of Evidence Considered .................................................................................. 5
Audit Findings ................................................................................................................ 7
Audit Conclusion and Recommendations ........................................................................ 14
Conclusion ...................................................................................................................... 14
Recommendation .......................................................................................................... 15
Audit Report Summary

Project Name: Scone to Mururrundi Pipeline – Design Development and Construction Tender

Client: Upper Hunter Shire Council

Client Contact: Chris Agosto, Project Manager

Auditor: Regional Procurement
Strategic Services Australia
59 Bonville Avenue, Thornton, NSW, 2322

Audit Team: Peter Salafia Manager Regional Procurement and Michelle Partland Advisor – Audit and Quality Management

*The Audit Team are referred to within this Report as “the Auditor”.*

Key Personnel Consulted Throughout the Project:

<table>
<thead>
<tr>
<th>Name</th>
<th>Role at UHSC</th>
<th>Role on the Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chris Agosto</td>
<td>Project Manager,</td>
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</tr>
<tr>
<td>Nick Havyatt</td>
<td>Director Infrastructure Services</td>
<td>Panel Member</td>
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<td>Manager Special Projects</td>
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<tr>
<td>Wayne Phelps</td>
<td>Finance Manager UHSC</td>
<td>Provide the Panel with advice on Tenderer Financial Records</td>
</tr>
</tbody>
</table>

Submitted to Chris Agosto, Upper Hunter Shire Council

Report Date: 4 April 2019

Version No. 1.0 FINAL
Audit Objectives, Scope, Methodology and Findings

Background Information

In September 2016, the Upper Hunter Shire Council (UHSC) engaged Regional Procurement to monitor a council-led Tender process for the design and construction of a forty-kilometre-long water pipeline from Scone to Murrurundi. Following a two-year consultation and planning process, the actual Tender process began in September 2018.

Between September 2018 and March 2019, Regional Procurement has provided independent observation of the Tender process and provided Council representatives with ongoing advice on potential probity issues.

Audit Objectives

The Objectives of this Audit have been to:

- Monitor the following aspects of the Design, Development and Construction of the Scone to Murrurundi Pipeline Tender process: communication; information security; confidentiality; conflicts of interest; management of records and information and tender evaluation.
- Evaluate the Tender process against the requirements of the Audit Criteria, in particular the Local Government (General) Regulation 2005 Part 7 Tendering,
- Determine the extent of conformity of the Tender process to the Audit Criteria, and
- Identify areas for potential improvement in Council’s Tender process.

Scope

Between September 2018 and 18 March 2018, the Auditor has focused on the following aspects of the Tender process:

- Establishment of a suitable Tender Evaluation Panel,
- Development of evaluation criteria and weightings,
- Development of suitable Tender documents,
- Advertisement of the Tender,
- Communication with potential Tenderers prior to the close of tender,
- Receipt of Tender submissions,
- Communication with Tenderers following the close of Tender,
- Review of submissions by the nominated Industry Expert and the Tender Evaluation Panel (Panel),
- Evaluation of submissions and subsequent compilation of the Panel’s scores, the Evaluation matrix and Evaluation Report, and
- Retention of Tender records.
Audit Criteria

Whilst monitoring the Tender process, consideration has been given to requirements of the following Audit Criteria:

1. Local Government Act 1993,
2. Local Government (General) Regulation 2005 Part 7 Tendering (the Regulation),
3. The Regional Procurement Probity Plan,
4. The draft and final Tender Evaluation Plan/s, endorsed by the Panel,
5. Probity Principles that are based on:
   o Following a consistent and transparent process,
   o Conducting a fair and impartial tender evaluation,
   o Identifying and managing actual or perceived conflicts of interest,
   o Maintaining a clear audit trail of the process undertaken, and
   o Ensuring secure and confidential records.

Potential Probity Risks

The Auditor considered the following Probity risks as relevant to this Tender process:

1. Council staff and/or councillors /consultants having real or perceived conflicts of interest,
2. Council staff and/or councillors /consultants accidently or intentionally releasing information, and
3. Misuse of information to gain market advantages resulting in tenderers receiving inequitable benefit or advantage over others in the tender process.

Throughout the Tender process, the Auditor has considered whether any breach of confidentiality or conflict of interest appeared to impact on the Tender process and, if they did, what actions were therefore taken to mitigate these risks.

Methodology

Throughout the Tender process, the Auditor has:

1. Reviewed Tender documentation with a view to identifying any potential probity risks,
2. Monitored the Tender process for any real or potential probity issues by:
   o reviewing ongoing email correspondence between Panel members,
   o attending Pre-Tender, Tender Opening and Evaluation meetings,
   o monitoring ongoing communication with prospective Tenderers via Tenderlink Forum posts to determine whether all tenderers have had access to the same information at the same time,
   o reviewing correspondence between the Panel Chairperson and tenderers following the close of tender, and
   o monitoring discussions held between Panel members to review and evaluate the tender submissions received.
3. Monitored the Panel's process for determining, agreeing to and evaluating submissions against set evaluation criteria and weightings,
4. Monitored the process for managing confidentiality and conflicts of interest. Including determining whether:
   o All Panel members provided signed declarations for confidentiality and conflict of interests prior to accessing Tender submissions, and
   o Real or potential conflicts of interest were identified and managed.
5. Monitored the Tender process against the requirements of the Tender Evaluation Plan and Tender documents to consider whether a fair, impartial and transparent process has been applied that ensured no Tenderer received an advantage or was disadvantaged,
6. Monitored communication with Tenderers through observing Pre-Tender Meetings, reviewing Tenderlink Forum posts and reading post-tender clarification email correspondence with Tenderers, and
7. Determined whether records retained by the Council will help to verify that all steps in the process have been followed and that potential probity issues that have been raised have also been addressed.

Summary of Evidence Considered

1. Signed Confidentiality Agreements from consultants that provided technical information throughout the tender process: Nathan Malcolm of GHD Pty Ltd (6.2.19) and 3 representatives of Schneider Electric Pty Ltd (6.2.19).
2. The Tender Evaluation Plan (Revision B, 3.12.18), containing a tender evaluation methodology, criteria, weightings and Panel member details, signed by all Panel members on 6.2.19.
3. Copies of advertisements that were placed in the Sydney Morning Herald (4.12.18), Hunter Valley News (5.12.18) and Newcastle Herald (8.12.18).
4. A complete and final copy of all Tender documents provided to Tenderers (4.12.18), including: Invitation to Tender (6.12.18), Tender Schedules (v1. Dec18, v2 Jan19), Performance Specification and 44 Addendums issued through Tenderlink.
5. Minutes for the Pre-Tender Meeting held onsite on 13.12.18 (Issued to all Tenderers as Addendum 4 on 20.12.18).
6. Tenderlink Forum Report that includes 55 questions that were raised by Tenderers and responded to by Council via the Forum (11.02.19).
8. Record of the Tender Box opening and receipt of Tenders on 14.2.19.
9. Conflict of Interest Declaration and Confidentiality Agreements signed by UHSC Panel Members Phillip Hood, Chris Agosto, Alan Fletcher, Wayne Phelps and Nicholas Havyatt and UHSC Special Projects Officer Belinda Olteanu (14.2.19).
10. Tender Evaluation Matrices, Tender Assessment Instructions and Criteria Scoring Schedule distributed to all Panel members.
11. Records prepared during the evaluation of Tenders, including the Evaluation Matrices with Tender Assessment Instructions and Criteria Scoring Schedule and Auditor's notes that summarise comments made by Panel members on 6.3.19.
15. Letter of Acceptance to the successful Tenderer - Leed Engineering (14.3.19)
16. A record of ongoing email correspondence between Panel members.
17. Ongoing correspondence between the Auditor and USHC Panel Chairperson.
18. A completed “Tender/ Quotation/ Contract Registration” Form from the Records Department (3.4.19).
Audit Findings

A Tender Evaluation Panel with appropriate expertise was established at the start of the Tender process

A Tender Evaluation Panel was formed in November 2018, consisting of the following five senior managers:

<table>
<thead>
<tr>
<th>Name</th>
<th>Role at UHSC</th>
<th>Role on the Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chris Agosto</td>
<td>Project Manager,</td>
<td>Panel Chairperson</td>
</tr>
<tr>
<td>Nick Havayt</td>
<td>Director Infrastructure Services</td>
<td>Panel Member</td>
</tr>
<tr>
<td>Alan Fletcher</td>
<td>Manager Special Projects</td>
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</tr>
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<td>Phil Hood</td>
<td>Manager Water &amp; Sewer</td>
<td>Panel Member</td>
</tr>
<tr>
<td>Wayne Phelps</td>
<td>Finance Manager UHSC</td>
<td>Provide the Panel with advice on Tender financial Records</td>
</tr>
</tbody>
</table>

As a result, the Panel offered a necessary range of technical skills and knowledge of council’s requirements to develop suitable evaluation criteria, conduct the Tender process and evaluate Tender responses fully and fairly.

Security and Confidentiality of Information

UHSC Council staff are bound by the Council’s Code of Conduct (Model Code of Conduct for Local Councils in NSW 2015). Section 7.8 and 7.9 of the Code of Conduct stipulates requirements for “Use of certain council information” and “Use and security of confidential information”.

In accordance with this Code:

- Council’s internal Tender records were stored in a secure TRIM working container (number UHSC-627/18), with access being restricted to Panel members and Belinda Olteanu.

- Industry consultants who potentially had access to Tender documentation in order to offer technical feedback and support were asked to complete Confidentiality Agreements. This helped to minimise the risk of industry consultants knowingly or unknowingly providing confidential information to potential third parties.

- Copies of signed Confidentiality Agreements from the following consultants were forwarded to the Auditor:
  - Nathan Malcolm of GHD Pty Ltd (6.2.19) and
  - Three representatives of Schneider Electric Pty Ltd (6.2.19).

A copy of the above Agreements should be retained in both Council and Auditor records.
The Tender was conducted as an Open Tender in accordance with the Regulation Clause 167 “Open Tendering”

The Tender was advertised as an Open Tender for seventy-four days (10 ½ weeks) in the following publications:

- The Tenderlink online portal between 3 December 2018 and 14 February 2019.
- In the Sydney Morning Herald on 4 December 2018,
- Hunter Valley News on 5 December 2018, and
- Newcastle Herald on 8 December 2018.

The advertisements included all details required by Clause 167, such as the purpose of the contract, details on where tender documents can be obtained and the Tender close deadline.

The Tender Evaluation Plan was documented and evaluation criteria was agreed to by the Panel prior to the close of Tender

A Tender Evaluation Plan was prepared by the Panel Chairperson and distributed to Panel members for their feedback in November 2018. The Plan included a proposed Tender timeline, a list of Panel members, evaluation criteria, criteria weightings and detailed notes on the evaluation methodology.

A final version of the Tender Evaluation Plan (Revision B) was distributed on 3 December 2018 and formally endorsed by all Panel members on 6 February 2019. The final Plan included the following criteria and weightings:

<table>
<thead>
<tr>
<th>EVALUATION CRITERIA</th>
<th>WEIGHTING %</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRICE SCORE</td>
<td></td>
</tr>
<tr>
<td>Normalised Price Score</td>
<td>50%</td>
</tr>
<tr>
<td>TECHNICAL SCORE</td>
<td></td>
</tr>
<tr>
<td>1) Tendered Contract Program</td>
<td>15%</td>
</tr>
<tr>
<td>2) Design &amp; Materials</td>
<td>10%</td>
</tr>
<tr>
<td>3) Demonstrated Industry Experience</td>
<td>10%</td>
</tr>
<tr>
<td>4) Ecologically Sustainable Development</td>
<td>3%</td>
</tr>
<tr>
<td>5) Aboriginal Employment Opportunities &amp; Local Spend</td>
<td>3%</td>
</tr>
<tr>
<td>6) Work, Health &amp; Safety Management System</td>
<td>2%</td>
</tr>
<tr>
<td>7) Quality Management System</td>
<td>2%</td>
</tr>
<tr>
<td>8) Environmental Management System</td>
<td>2%</td>
</tr>
<tr>
<td>9) Referrees</td>
<td>3%</td>
</tr>
<tr>
<td>TOTAL - TECHNICAL SCORE</td>
<td>50%</td>
</tr>
</tbody>
</table>
Tender documents were provided to all selected Tenderers in accordance with the requirements of the Regulation Clause 170 “Tender Documents”

The Panel developed a suite of Tender documents, including an Invitation to Tender, Conditions of Tendering, Statement of Business Ethics, Specifications, Tender Schedules and the General Conditions of Contract.

The Invitation to Tender included, but was not limited to, the following:

- An overview on the purpose of the Tender and scope of the proposed contract,
- Details of a mandatory pre-tender meeting,
- Instructions for submitting enquiries via the relevant Tenderlink forum,
- Critical instructions relating to the lodgement method and Tender closing date, and
- A list of Assessment Criteria.

The Specifications provided full details on the works to be carried out and drawings of the proposed pipeline location. The Tender Schedules document included twenty-eight separate schedules that Tenderers were expected to complete and submit.

All registered Tenderers were provided equal access to the same information on Tenderlink between November 2018 and February 2019. Throughout the Tender process, the Council issued forty-four Addendums via Tenderlink and responded to fifty-five Tenderer questions via the Tenderlink Forum. This ensured sufficient, relevant and timely information on Council’s requirements was provided to all Tenderers at the same time.

Communication with Tenderers complied with the requirements of the Regulation Clause 176 “Tenders may be varied in certain circumstances” and clauses 5.21 to 5.26 of the Probit Report applicable to this Tender process

The Invitation to Tender document and the advertisement details clearly stated all Tenderer enquiries relating to the proposed contact were to be submitted in writing on the Tenderlink Forum. The Forum was available to tenderers between 3 December 2018 and 11 February 2019. This helped to ensure information was provided to all Tenderers in a transparent and consistent manner.

Thirty-eight Tenderer representatives, four Council staff and the Auditor attended a mandatory Pre-Tender Meeting in Scone on 13 December 2018. The meeting included both a discussion on Tender documentation and Tender requirements and a visit to the proposed pipeline site. Tenderers were provided equal opportunity to ask questions.

Answers were provided in the presence of all Tenderers.

An Attendance Register was created and a Council officer recorded Minutes which were later distributed to all Tenderers as Addendum 4.

Various questions were raised by Tenderers while the Tenderlink Forum was active. A written record of questions raised by Tenderers and responses provided by the Panel (Forum Report dated 11.02.19) has been retained on Council’s Tender file.
The Tender closed and responses were recorded in accordance with the Regulation Clause 175 “Opening of Tenders”

The Invitation to Tender document clearly stated Tenderers must submit a Tender response to an online Tender Box on the UHSC’s Tenderlink portal before 2pm on 14 February.

The Tender Box closed automatically at this time.

Chris Agosto opened the electronic Tender Box at 2pm and checked the hard-copy Tender Box in the presence of two Records Officers, Lauren Love and Chloe Leake, and Peter Salafia as Auditor. The hard-copy Tender Box was also checked at 2pm by Council Administration staff in the presence of the Auditor.

Electronic submissions were received from nine companies:

1. Fewster Brothers Contracting Pty Ltd,
2. HL Mullane & Sons Pty Ltd,
3. Ledonne Constructions Pty Ltd,
4. Leed Engineering & Construction Pty Ltd,
5. Mitchell Water Australia Pty Ltd,
6. Newlands Civil Construction Pty Ltd,
7. Scone Temporary Fencing,
8. TCM Civil Pty Ltd, and
9. Utilista Pty Ltd.

There were no late Tenders.

All submissions were saved in a secure TRIM container entitled UHSC-627/18-01 Submissions.

Three lists were prepared; one in alphabetical order, one in order of opening and a third list that included the Tendered amounts. All lists were signed and dated by the Tender Opening Panel.

After tenders had been opened the Director of Corporate Services, Christian Enevoldson, entered and co-signed all tender lists in his capacity as a ‘designated person’.

It is the Auditor’s understanding that the three UHSC staff who were present at the Tender opening were not ‘designated by the general manager to receive or deal with tenders submitted to the council’.

The Auditor recommends:

- In accordance with Clause 175 of the Regulation, council should ensure that “at the time specified for the close of tenders, the appropriate person must open the tenders in the presence of at least 2 persons designated by the general manager for the purpose”.

- The UHSC Records Procedure “Tender/ Contracts/ Expressions of Interest Documents” could be updated to include a statement that highlights a Tender Opening Panel should be formed that meets the requirements of Clause 175. It could also include a list of positions that have been designated by the General Manager for this purpose.
A process was implemented to identify and manage potential conflicts of interest

Immediately after the Tender opening, one of the Tender Opening Panel, Chloe Leake, forwarded a link to the TRIM container along with a reminder that all Panel members should ensure they have signed the Conflict of Interest Declaration & Confidentiality Agreement and returned it to the Panel Chairperson prior to accessing the submissions.

On 18 February, the Auditor received a copy of Conflict of Interest Declaration and Confidentiality Agreements that had been signed by Panel Members Chris Agosto, Phillip Hood, Alan Fletcher and Nicholas Havyatt (all dated 14.02.19), Wayne Phelps (dated 15.02.19) and Belinda Otteau (dated 18.02.19). All Panel members declared they were independent of all companies that had tendered for this project.

Following receipt of their signed Declarations, Panel members could access all Tenderer submissions via the TRIM container.

The Panel evaluated all Tender submissions in accordance with the Tender Evaluation Plan

The Evaluation Process was conducted as follows.

**Stage 1**: Prior to the close of Tender, the Panel Chairperson prepared a Tender Assessment Matrix spreadsheet and associated Criteria Scoring Schedule that included the same criteria and weightings as shown in the Tender Evaluation Plan.

**Stage 2**: Following the close of Tender, the Panel Chairperson and their consultant GHD checked all Tenderer Submissions for conformance with mandatory Tender requirements. This involved determining whether they had:
- a) Attended the mandatory Pre-Tender Meeting, and
- b) Completed, signed and submitted the Tender form and all returnable Schedules along with all requested supporting information as identified in the Tender documents.

At this point, it was determined that one Tenderer, Scone Temporary Fencing, had not submitted pricing for goods and services or any completed tender schedules. This Tenderer’s submission was not considered further throughout the Tender evaluation.

➢ A record of this determination should be retained with the Tenderer’s submission.

**Stage 3**: Each Panel member individually reviewed and scored the remaining eight Tender submissions against the pre-determined evaluation criteria (that is shown on page 9 of this Report). Their individual scores and comments were recorded on Evaluation Criteria Scores sheets for each conforming Tenderer.

During this stage, the Panel Chairperson wrote to one Tenderer (Leed Engineering & Construction) to clarify aspects of their Tender response. The Auditor was copied in to emails to and from this Tenderer. A copy of all correspondence with the Tender will be retained in the TRIM container for this Tender.

**Stage 4**: The Tender Evaluation Panel convened at the UHSC Administration Centre on 6 March 2019 for a full Panel discussion on the Tender submissions and a subsequent compilation of all Tenderer non-price scores.
The following personnel were present at the Evaluation meeting:

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Role in Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chris Agosti</td>
<td>Project Manager</td>
<td>Panel Chairperson</td>
</tr>
<tr>
<td>Nick Hayvatt</td>
<td>Director Infrastructure Services</td>
<td>Panel Member</td>
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<td>Wayne Phelps</td>
<td>Finance Manager UHSC</td>
<td>Provide the Panel with advice on Tenderer Financial Records*</td>
</tr>
<tr>
<td>Michelle Partland</td>
<td>Auditor, Regional Procurement</td>
<td>Observer</td>
</tr>
</tbody>
</table>

During the Tender Evaluation Meeting, the Auditor observed the following:

- Wayne Phelps, Finance Manager UHSC, outlined his analysis of each Tenderer's submitted prices. He also noted Corporate Scorecard had been engaged to undertake a financial capacity analysis of the Tenderer with the lowest submitted price. This had resulted in a score of “satisfactory”. The Panel Chairperson indicated both Wayne’s and Corporate Scorecard’s financial analysis would be retained in the Tender file.

- Chris Agosti, Nick Hayvatt, Alan Fletcher and Phil Hood then discussed each conforming Tender submission against the pre-determined evaluation criteria in accordance with the Tender Evaluation Plan. The Panel discussed and compared in detail the technical aspects of all Tenderer submissions.

- Each Panel member was given equal opportunity to state the scores they had individually recorded and to amend their scores based on the discussion. It appears to the Auditor that Panel members applied a consistent scoring methodology to each Tenderer’s submission.

- The average of each Panel member’s individual scores was calculated for each Tenderer against the weighted criteria. The results of individual panel member scores and collective averaged scores have been recorded in the “Tender 4-2019 Tender Assessment Schedule – Scone to Murrurundi Pipeline” Excel – Final.

- The final Assessment Matrix (6.03.19) provided to the Auditor states the Tenderer scores were as follows:
  - Leed Engineering & Construction Pty Ltd 90.1%
  - Fewster Brothers Contracting Pty Ltd 70.0%
  - TCM Civil Pty Ltd 67.0%
  - Newlands Civil Construction Pty Ltd 65.4%
  - Mitchell Water Australia Pty Ltd 64.8%
  - HL Mullane & Sons Pty Ltd 62.7%
  - Utilistra Pty Ltd 61.4%
  - Ledonne Constructions Pty Ltd 52.4%
  - Scone Temporary Fencing (non-conforming) 0%
The Panel agreed that the Tenderer with the highest overall score in the evaluation process would be recommended to Council as the Tender with the best overall value.

In accordance with Clause 179 of the Regulation, the Panel discussed the need for maintaining confidentiality of the Tender records and Tender outcome until after the Council had entered into a contract with the selected Tenderer.

Based on the Panel’s informed assessment of all Tender submissions and their Recommendation, on 14 March 2019 the Council resolved to accept the Tender submission offered by Leed Engineering & Construction Pty Ltd. Council.
Audit Conclusion and Recommendations

Conclusion

Between September 2018 and March 2019, Regional Procurement has provided independent observation of the Scone to Murrurundi Pipeline – Design Development and Construction Tender Process on behalf of UHSC.

Following ongoing direct observation of the full Tender process during this period, it is the Auditor’s opinion that:

- The Process and subsequent evaluation of eight Tender submissions were conducted in a fair and transparent way that did not give any Tenderer an unfair advantage or disadvantage over others.
- An appropriate level of council expertise was available to develop suitable evaluation criteria, conduct the Tender process and evaluate Tender responses.
- The Panel was provided sufficient information and time to agree on the evaluation criteria and weightings before the close of Tender.
- The Evaluation Criteria, Weightings and Methodology provided clear details to allow consistent assessment.
- The Tender documents included all essential details as specified in Clause 170 of the Regulation Tender Documents.
- Inclusion of specific Schedules that addressed pre-determined evaluation criteria enabled the Panel to consistently compare Tender submissions.
- The Panel Chairperson distributed information and responses to all Tenderers via the Tenderlink Forum throughout the Tender process.
- Information or clarification regarding the Tender documents appears to have been provided to all potential tenderers equally.
- Tender submissions were stored securely on an online Tender Box. Each Tenderer’s response was accessible only by the Tenderer until the Tender Box was opened.
- The Panel Chairperson, in the presence of two other UHSC employees, opened the Tender Box at the advertised time and recorded the required Tenderer details as per Clause 175 of the Regulation.

Note: the Tender Opening Panel had not been designated by the General Manager as per Clause 175 (1) and (1)(a) of the Regulation.

- The potential for conflict of interest was considered and managed appropriately as part of the Tender Process.
- All Tenderer responses were reviewed against the same criteria and weightings and in accordance with the evaluation methodology and criteria that was agreed to by the Panel before the close of Tender and noted in the Tender Evaluation Plan.
- Communication with the top-scoring Tenderer following the close of Tender appears to have been carried out in a transparent manner and in accordance with Clause 176 of the Regulation.
Probit Audit Report
Scone to Murrurundi Pipeline Tender Process

- Additional details requested by the Panel were used to clarify information included in the top-scoring Tender and not to substantially alter the original Tender submission.

- The details noted in the Tender Evaluation Matrix and Report reflect the evaluation undertaken by the Panel in the presence of the Auditor.

- The recommendation to the Council followed a tender process that appears to have been conducted in accordance with Part 7 Tendering of the Local Government (General) Regulation 2005.

**Recommendation**

- To ensure compliance with Clause 175 of the Regulation *Opening of Tenders*, the Council should ensure it has a Panel of appropriate persons designated by the General Manager to open the Tender box and record details as specified in this Clause.

- Council should ensure that at the time specified for the close of tenders, an appropriate person can open the Tenders in the presence of at least 2 other persons designated by the General Manager for the purpose.

- The UHSC Records Procedure "Tender/ Contracts/ Expressions of Interest Documents" could be updated to include a statement that highlights a Tender Opening Panel should be formed that meets the requirements of Clause 175. It could also include a list of positions that have been designated by the General Manager for this purpose.

- To retain an auditable trail of the tender and evaluation process, the Council should ensure the secure TRIM Tender File includes the following records:
  - Details on Council’s decision to tender,
  - A copy of the Tenderlink Notification Summary and advertisements,
  - A Tenderlink Prospective Tenderers List showing companies that downloaded Tender documents,
  - An alphabetical Tenderers List of all Tenderers that submitted responses,
  - A complete and final copy of all Tender documents provided to Tenderers including Addendums,
  - Pre-Tender Meeting Attendance Register and Minutes (Addendum 4),
  - The endorsed Tender Evaluation Plan that specifies the tender evaluation methodology, criteria, weightings and Panel member details,
  - Evidence that all Panel members endorsed the Final Tender Evaluation Plan Rev.0B prior to Tender close on 14/02/19,
  - A final Tenderlink Forum Report,
  - A record of all correspondence between Panel members and Tenderers,
  - Signed Confidentiality Agreements from Consultants,
  - Signed Conflict of Interest Declaration and Confidentiality Agreement forms and associated internal records,

*Continued on page 16*
Probity Audit Report
Scone to Murrurundi Pipeline Tender Process

- Tender evaluation records, including each Panel member’s Evaluation Criteria Scores and Comments, draft and final Evaluation Matrices and any other notes that summarise comments made by Panel members and reasons for selecting the successful Tenderer(s),
- The Corporate Scorecard Financial Capacity Report,
- The Final Tender Evaluation Report, the formal Report and Recommendation to Council and Council’s resolution,
- Notification to each Tenderer advising them of the outcome of the tender.

END OF REPORT
ISC.06.7  

**MURULLA STREET CAUSEWAY UPGRADE - UPDATE**

**RESPONSIBLE OFFICER:** Nicholas Havyatt - Director Infrastructure Services  
**AUTHOR:** Chris Agosto - Project Manager

**PURPOSE**  
The purpose of this report is to inform Council about the current status of the Murulla Street Causeway Upgrade and to recommend an upgrade option.

**RECOMMENDATION**  
That Council replace the existing causeway with a low level bridge structure.

**BACKGROUND**  
Murulla Street causeway is one of the crossings across the Pages River in Murrurundi, linking the centre of town near the Royal Hotel on the New England Highway with the heritage precinct containing the courthouse and the police station.

The causeway crosses the Pages River adjacent to a timber suspension bridge, known as the swinging bridge, built in 1927 and restored in 2014. The swinging bridge is listed on the Upper Hunter Shire Council's (UHSC) LEP 2013 as having “Local” heritage significance (Item 190). The site is within the Murrurundi Heritage Conservation Area. The bridge and the causeway can be seen in Figure 1 below.

![Figure 1: Murulla Street, Murrurundi showing causeway and the swinging bridge](image-url)
Upper Hunter Shire and Muswellbrook Shire Councils applied for funding under the Upper Hunter Region Mine Affected Roads Program for rehabilitation and upgrades to ten sites in the Upper Hunter Region. One of these sites was in the Upper Hunter Shire, the replacement of the existing causeway through the Pages River at Murulla Street, Murrurundi, with a concrete (bridge) structure. The causeway is used by, among other vehicles, trucks transporting ballast to maintain the railway line.

The funding deed was signed on 3 September 2018 with the funding made up of $1.16M from Restart NSW and $0.1M from Council. The replacement of the causeway is scheduled to be completed by June 2020.

**REPORT/PROPOSAL**

Council has received many complaints from community members over the years due to safety concerns about the condition of the causeway and the road approaches.

The existing causeway has the following issues:

- It is a wet crossing whenever the Pages River flows causing a slippery surface for traffic.
- There is a danger of vehicles being washed off the causeway when water depth is greater than 0.3m deep.
- Erosion has caused a 1m drop off on the downstream side of the causeway creating a hazard if a vehicle is washed off the crossing.
- The erosion below the causeway blocks the passage of fish upstream.
- When the river rises, damage is done to the road at both ends of the causeway that needs to be repaired.
- The causeway is only one lane wide but is used by all vehicles including trucks.

The following options were considered for the causeway upgrade:

1. Extending the existing causeway length in both directions.
2. Replace the causeway with a new causeway.
3. Replace the causeway with a raised & wider causeway.
4. Replace the causeway with a low level bridge.
5. Replace the causeway with a high level bridge.

These are further explained in the options section of this report.

In order to provide a crossing that addresses the safety issues and provides a long term asset with minimal maintenance costs, the low level and high level bridge options were pursued. The bridge options will provide increased flood immunity, improve the community infrastructure and maintain a greater level of reliable wet weather accessibility at those times when the Pages River experiences flood conditions.

As the proposed causeway replacement is adjacent to a heritage listed item, the impact of the proposal on the swinging bridge and other nearby heritage items is required to be considered.

A Visual Impact Assessment (VIA) and a Statement of Heritage Impact (SoHI) of the low level and high level bridge options were prepared by independent parties experienced in their fields. These two reports are attached separately to this report.

The VIA found the following impacts on the footbridge from the two bridge options:

1. Low level bridge – low visual impact on footbridge from all viewing points
2. High level bridge – high visual impact from nearby viewing points and medium visual impact from distant viewing points.

The predicted visual impacts of the two bridge options are shown in Figures 2 & 3 below.

Figure 2 – Predicted visual impact of the low level bridge on the swinging bridge

Figure 3 – Predicted visual impact of the high level bridge on the swinging bridge
The SoHI found the following impacts on the footbridge from two bridge options:

1. Low level bridge - will have some impact on the heritage significance of the place but will be subservient to the swinging bridge and maintain its dominance in the area, allowing the swinging bridge to be seen at a distance from the main street and the police and court precinct.

2. High level bridge - will have major impact on the heritage significance of the place and will dominate the extant area by its extra height and width at the level of the swinging bridge, partially screening the view of the swinging bridge from the police and court precinct.

A media release on the 8 April 2019 invited written submissions on the proposed causeway upgrade from the public. The media release was also included in May’s Murrurundi Links. The predicted visual impacts of the two bridge options shown in Figures 2 & 3 above were included. The media release is attached to this report.

There were 17 written submissions and one of those was from Council’s Heritage Advisory Committee. At a Council meeting on 29 April 2019 Council resolved to: “Note the Heritage Advisory Committee’s objection to the construction of a high level bridge across the Pages River in Murulla Street, Murrurundi due to concerns regarding impacts on the heritage significance, aesthetic value and setting of the Murulla Street pedestrian bridge.”

A summation of the 17 written submissions is shown below in Table 1. Addresses are shown when they were given.

Table 1 – Results of written submissions

<table>
<thead>
<tr>
<th>Do nothing</th>
<th>Causeway Extension</th>
<th>Low Bridge</th>
<th>High Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>7</td>
<td>5</td>
<td>2</td>
</tr>
</tbody>
</table>

The results are described as follows:

- Three submissions were strongly opposed to anything being done.
- Seven submissions strongly opposed both bridge options but were agreeable to the extension of the current causeway to address road damage.
- Five submissions were in favour of the low level bridge option.
- Two submissions were in favour of the high level bridge option.

**OPTIONS**

1. **Extend the existing causeway in both directions.**
   This will reduce scouring of the approaches and the associated maintenance costs but will not address any of the other issues. This will cost approximately $250,000. This option is not recommended.

2. **Replace the causeway with a new causeway.**
   The causeway could be replaced with a causeway at the same height and width that removes the drop off on the downstream side and makes some provision for fish passage. This option will not address any of the other safety issues. This will cost approximately $300,000. This option is not recommended.
3. **Replace the causeway with a raised & wider causeway.**
The causeway could be replaced with a raised, lengthened and widened causeway. This will allow fish passage below the road and address the road width and scouring issues but will increase the risk of being washed off by the bow wave of a passing vehicle when the causeway is under water. This will cost approximately $500,000. This option is not recommended.

4. **Replace the causeway with a low level bridge.**
Replace the existing causeway with a two lane low level bridge. The bridge road height will be approximately 1m higher than the existing causeway. This will be a dry bridge when open and closed if water overtops. This will address the safety concerns and width issues and allow fish passage. However, visual impact on the swinging bridge has been raised as a concern and the VIA study showed that there will be a low visual impact on the swinging bridge. This will cost approximately $1,200,000. This option is recommended. The proposed low level bridge will be similar to the Moonan Flat bridge shown in Figure 4 below, although it will be dual lane.

![Figure 4 – Showing a similar low level bridge at Moonan Flat](image)

5. **Replace the causeway with a high level bridge**
Replace the existing causeway with a two lane high level bridge. The bridge road height will be approximately the same height as the deck on the swinging bridge and will only be underwater in extreme rain events. This will address the safety concerns and width issues and allow fish passage. However, the VIA study showed that this option will have a high visual impact on the swinging bridge. This will cost approximately $1,300,000. This option is not recommended.

**CONSULTATION**
- Director Infrastructure Services
- Manager Special Projects
- Manager Strategic Assets
- Mara Consulting – for VIA
- John Carr Heritage Design – SoHI
- Murrurundi Community
STRATEGIC LINKS

a. Community Strategic Plan 2027
This report links to the Community Strategic Plan 2027 as follows:

ECONOMY & INFRASTRUCTURE
Goal 6  Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
CS24  Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
Goal 7  Enhance and improve the road network and bridges to meet the needs of current and future generations and communicate priorities and progress to the community.
CS27  Maintain and upgrade the road network and bridges.
CS28  Increased Community engagement and updates on infrastructure planning, road priorities, works and improvements.

We are working to achieve the following Community Priorities:

- Rural lifestyle and Country feel are valued and protected and the Upper Hunter Shire remains quiet, safe, healthy and welcoming.
- Upper Hunter Shire Council is an effective and efficient organisation, focusing on community engagement, action and response.
- A stronger economic base to attract and retain residents, particularly our young people.
- Upper Hunter Shire has improved and well maintained roads and bridges.

We provide this by undertaking road and bridge maintenance and construction works to Council’s standards and specifications so as to improve road safety and minimise future expenses.

b. Delivery Program

- A well maintained regional urban rural sealed and unsealed road networks.
- Increased effectiveness of preventative maintenance work as part of maintenance management work practices.
- A venue to continue to lobby for increased road funding.
- Construction and quality specifications for road construction.
c. Other Plans

Bridge Asset Management Plan.

**IMPLICATIONS**

a. Policy and Procedural Implications

- UHSC LEP 2013
- Development Control Plan 2015

b. Financial Implications

Council is co-contributing $100,000 to the propose bridge structure and the funding from Restart NSW $1.16 million.

c. Legislative Implications

Nil

d. Risk Implications

The low level bridge will address the safety issues that exist with the existing causeway.

e. Other Implications

The low level bridge option runs the risk of negative feedback from those community members that are opposed to it.

**CONCLUSION**

That the existing causeway be replaced with a low level bridge structure that addresses the safety issues, increases flood immunity, allows fish passage and provides a long term asset with minimal maintenance costs.

**ATTACHMENTS**

1. Media Release - Murulla Street causeway upgrade - 9 April 2019
Murulla Street causeway upgrade

Upper Hunter Shire Council is seeking community views on a project to upgrade Murrurundi’s Murulla Street causeway, to a bridge over the Pages River.

The existing one lane causeway requires regular maintenance and has to be closed when the Pages River is high. Council plans to upgrade the causeway to a two lane, concrete bridge to increase safety and reduce maintenance and closure costs and inconvenience to road users.

The project is costed at $1.25m and Council has obtained a grant of $1.15m under the Upper Hunter Regional Mine Affected Roads program, funded from Restart NSW Resources for Regions. The project was included in a joint application, submitted by Muswellbrook Shire Council.

The project would require the causeway and access to the Swinging Bridge to be closed for several months during construction, scheduled from October 2019 to completion of the bridge in mid 2020.

The Swinging Bridge, a wooden foot bridge built in 1927, will be protected during the project and necessary maintenance work undertaken at the same time. The Swinging Bridge is listed as an item of regional significance in the Upper Hunter Local Environmental Plan 2013 and Council undertook $70,000 worth of repair works on the bridge in 2012 -2014.

Council has engaged independent experts to undertake a Waterway Study and detailed concept designs. Already completed are the geo-technical investigations, a Review of Environmental Factors, a Statement of Heritage Impact Assessment and Visual Impact Assessment.

These investigations helped determine two basic design options: a lower bridge which would have less visual impact on the Swinging Bridge; and a higher bridge which would allow for access during higher flooding levels.

Community views on the project are invited until the 10 May 2019. The design options can be viewed and commented on online at http://upperhunter.nsw.gov.au/doi-onlinesay-it.aspx.

Written submissions should be sent to council@upperhunter.nsw.gov.au, PO Box 208, Scone NSW 2337, fax 6545 2671 or drop them into any Council office.

Wayne Bedggood
MAYOR

OPTIONS:

A lower bridge would have less visual impact on the Swinging Bridge;

A higher bridge would allow for access during higher flooding levels.

For further comment: Mayor Wayne Bedggood P: 0419 236 551
For enquiries: Upper Hunter Shire Council P: 8540 1100

Upper Hunter Shire Council – Infrastructure Services Committee Agenda – 11 June 2019
ISC.06.8          UNSEALED ROAD MAINTENANCE PROGRAM
RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services
AUTHOR: Andrew Griffith - Manager Works Delivery

PURPOSE

The purpose of this report is to provide the Committee with information outlining the proposed planned unsealed maintenance program to be applied to the road network for the 2019/2020 financial year.

RECOMMENDATION

That Council note the proposed planned unsealed maintenance program to be applied to the road network for the 2019/2020 financial year.

BACKGROUND

Council maintains an extensive network of low traffic unsealed roads which serves to provide access to residential properties and create links to arterial roads. As a critical piece of community infrastructure, Council strives to maintain this network to the expectations of the community whilst balancing the financial and other resources that are reasonably available for the purpose of road maintenance.

In June 2015 a report was provided to Council’s Works and Technical Services Committee outlining a revised delivery methodology that moved towards a less reactive approach with regard to maintaining our unsealed roads.

This revised methodology was developed following consultation with the unsealed maintenance teams and consideration of grouping roads based on their proximity to construction resources, principally secure water sources. At the ordinary meeting of Council held 22 June 2015, Council resolved to adopt this program.

Council observed positive outcomes from implementation of this program between 2015 and 2018. As a result of fewer available secure water sources and dry ground conditions, Council reverted to a more reactive program in the 2018-2019 financial year, and an increase in CRM’s relating to the condition of the network has been noted.

REPORT/PROPOSAL

For the 2019-2020 financial year it is proposed to return to a more proactive maintenance program.

The planned program for maintenance of the unsealed road network will be managed within the current budget allocation and resources and aligns with the service levels set out in Council’s current Roads Asset Management Plan and road inspection procedures. In accordance with the Roads Asset Management Plan, routine maintenance activities are the regular on-going work that is necessary to keep assets operating, including instances where portions of the asset fails and need immediate repair to make the asset operational again.

Maintenance of unsealed roads include reactive, planned and unplanned work activities.
Reactive maintenance is repair work carried out in response to service requests, risk assessment priorities and inspections. Assessment and prioritisation of reactive maintenance is undertaken by Council staff using experience and judgement, and risk management procedures. Unplanned maintenance occurs in response to dangerous conditions, or significant degradation of the surface to the point that it is well below a serviceable standard.

Planned and cyclic maintenance works on assets that are undertaken on a regular cycle such as grading of unsealed roads generally falls below the capital/maintenance threshold. The planned maintenance grading program is part of the overall road maintenance plan for the unsealed roads and will maintain the road network to maximise performance and service to the community within current budget allocation and resources.

The Council area has been split into three sectors with approximately equal lengths of unsealed roads (refer to attached plan). An order of proposed maintenance grading has been developed for each section (refer to attached list). This list will show the progression of roads in the cycle, not precise dates by which roads will be maintained. Each week the supervisors will advise which roads have been graded the previous week and inspect the roads coming up on the list to plan the next roads to be graded. Each sector will be assigned one unsealed road maintenance crew consisting of a grader, roller and water cart. Based on the desired level of service frequency of grading some roads will receive 1 to 2 grades per year and some roads will receive a grade once every two years. Grading maintenance of each class of road will generally occur on a cycle in accordance with the target maintenance cycle below.

<table>
<thead>
<tr>
<th>Maintenance Activity</th>
<th>Road Classification</th>
<th>Desired Frequency</th>
<th>Example of Road</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road grading</td>
<td>Link Roads</td>
<td>Between 4 and 6 monthly</td>
<td>Hunter Road – Moonan to Ellerston</td>
</tr>
<tr>
<td></td>
<td>Rural Collector (R1)</td>
<td>Between 6 and 12 monthly</td>
<td>Hampshire Road – Kar Springs</td>
</tr>
<tr>
<td></td>
<td>Rural Access (R2)</td>
<td>12 month cycle</td>
<td>Glenroy Road - Brawboy</td>
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<td>Rural Access (R3)</td>
<td>12 – 18 month cycle</td>
<td>Bowmans Gully – Cattle Creek</td>
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<td></td>
<td>Rural Access (R4)</td>
<td>Target biennial cycle</td>
<td></td>
</tr>
</tbody>
</table>

These three crews will complete the planned maintenance grading works and will cost $1,871,375 for 2019/20. This will be funded from the maintenance activities rural unsealed and urban unsealed, refer to table below. If safety defects are identified on the unsealed road network that require action prior to the next planned maintenance grade the supervisor will inspect the road using the Roads – Inspection, Evaluation and Maintenance and action subject to available funding and resources. The unplanned works will also be funded from the rural unsealed and urban unsealed maintenance budgets.

Resheeting works are defined through the capital items in the DPOP process and road condition inspections by staff on the network throughout the year. These works are funded from capital items and the rural unsealed maintenance budget, there is approximately $510,000 funding for resheeting in the draft DPOP 2019-20, refer to table below.

Drainage maintenance has been identified in the Infrastructure Services Review as an area that Council needs to improve. Within the rural unsealed maintenance budget for DPOP 2019/20 approximately $200,000 funding is for drainage maintenance works on unsealed rural roads.
A Community Engagement Strategy will be developed to inform the community about the proposed Maintenance Grading Program, this will allow community members to have an understanding of the process, frequency and approximate timing of maintenance work.

**OPTIONS**

1. Continue with the existing system of unsealed road maintenance and repairs.
2. Implement the arrangements described in this report.

**CONSULTATION**

- General Manager
- Director Infrastructure Services
- Strategic Assets staff
- Works delivery staff - additional Works Delivery staff consultation will be occurring
- Community

**STRATEGIC LINKS**

a. **Community Strategic Plan 2027**

This report links to the Community Strategic Plan 2027 as follows:

**ECONOMY & INFRASTRUCTURE**

Goal 7  Enhance and improve the road network and bridges to meet the needs of current and future generations and communicate priorities and progress to the Community.

We are working to achieve the following Community Priorities:

b. **Delivery Program**

Asset Management
- A comprehensive maintenance and renewal strategy for all Council assets.
Infrastructure Services

Roads – Local
- Increase effectiveness of preventative maintenance work as part of maintenance management works practices.
- By undertaking road maintenance and construction works to Council standards and specifications, so as to improve safety and minimise future expenses.

c. Other Plans

Roads Asset Management Plan.

**IMPLICATIONS**

a. Policy and Procedural Implications


b. Financial Implications

Within the limit of available funding and resources and in accordance with Council’s policies and adopted service levels and maintenance targets.

c. Legislative Implications

The Civil Liability Act 2002 (NSW) gives Local Governments and other public authorities broad protection against claims made for poor condition or defective roadways.

Section 42 of the Act makes allowance for Council’s ability to carry out its duty of care as being limited by the financial and other resources which are reasonably available to exercise its functions. To rely on this defence, Council is required to show evidence of its compliance with the general procedures and applicable standards for the exercise of its functions, such as risk management of its road network.

d. Risk Implications

The maintenance, upgrade and renewal of Council infrastructure will reduce Council’s risk exposure.

e. Other Implications

Nil

**CONCLUSION**

The proposed planned unsealed maintenance program to be applied to the unsealed road network for the 2019/2020 financial year and will be used as a tool to plan maintenance grading and inform the community of proposed maintenance activities.

**ATTACHMENTS**

1. Upper Hunter Shire Council Road Unsealed Maintenance Zones
2. Unsealed Roads Maintenance List - June 2019
## Upper Hunter Shire Council - Unsealed Roads Maintenance List

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<th>Road Name</th>
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<th>Zone 2</th>
<th>Zone 3</th>
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| ATTACHMENT NO: 2 - UNSEALED ROADS MAINTENANCE LIST - JUNE 2019 |

<p>| 123  | G4  | Redwell  | 655  | 9.9  | Rural 4 | 0.5   | 4.95 |
| 124  | H5  | Binks    | 70   | 3.1  | Rural 3 | 1     | 3.1  |
| 125  | G5  | Lettybrook | 475  | 2.2  | Rural 4 | 0.5   | 1.1  |
| 126  | G4  | Comiala  | 170  | 8    | Rural 3 | 1     | 8    |
| 127  | G4  | Comiala  | 170  | 4.1  | Rural 4 | 0.5   | 2.05 |
| 128  | G3  | Krilayu  | 457  | 0.7  | Rural 4 | 0.5   | 0.35 |
| 129  | G4  | Willy Wally | 915  | 1.7  | Rural 4 | 0.5   | 0.85 |
| 130  | G3  | Wyoming  | 940  | 3.3  | Rural 4 | 0.5   | 1.65 |
| 131  | F4  | Rosebud  | 700  | 2    | Rural 4 | 0.5   | 1    |
| 132  | G2  | Neeleys Lane | 585  | 4.1  | Rural 4 | 0.5   | 2.05 |
| 133  | F2  | Stotts Lane | 777  | 1.6  | Rural 4 | 0.5   | 0.8  |
| 134  | F2  | Yallambee | 942  | 0.9  | Rural 4 | 0.5   | 0.45 |
| 135  | F2  | Coolah   | 185  | 8.3  | Rural 3 | 1     | 8.3  |
| 136  | F1  | Coolinda | 182  | 0.47 | Rural 4 | 0.5   | 0.235 |
| 137  | F3  | Rotherwood | 710  | 13   | Rural 2 | 1     | 13   |
| 138  | E2  | Tangaratta | 797  | 0.4  | Rural 4 | 0.5   | 0.2  |
| 139  | E2  | Martin’s Lane | 500  | 1.4  | Rural 2 | 1     | 1.4  |
| 140  | D3  | Yarrawonga | 950  | 9    | Rural 3 | 1     | 9    |
| 141  | E3  | Cooba Bulga | 175  | 14.8 | Rural 3 | 1     | 14.8 |
| 142  | E3  | Cattle Creek | 160  | 13.4 | Rural 4 | 0.5   | 6.7  |
| 143  | E4  | Kuloo    | 460  | 6.7  | Rural 4 | 0.5   | 3.35 |
| 144  | F4  | Darkwood | 225  | 5.6  | Rural 3 | 1     | 5.6  |
| 145  | F3  | Borambil Racecourse | 95   | 3.87 | Rural 3 | 1     | 3.87 |
| 146  | F3  | Bulgin   | 136  | 1.1  | Rural 4 | 0.5   | 0.55 |
| 147  | E4  | Willungra | 910  | 4    | Rural 4 | 0.5   | 2    |
| 148  | G4  | Pembroke | 635  | 12   | Rural 3 | 1     | 12   |
| 149  | D5  | High Park | 392  | 0.37 | Rural 4 | 0.5   | 0.185 |
| 150  | F5  | Idaville | 410  | 3.33 | Rural 1 | 2     | 3.33 |
| ITEM NO: ISC.06.8 |
|---|---|---|---|---|---|---|
| 151 | G5 | Springfield | 765 | 1.9 | y | Rural 4 | 0.5 | 0.95 |
| 152 | F5 | Gum Ridge | 352 | 1.1 | y | Rural 4 | 0.5 | 0.55 |
| 153 | F5 | Sunnyside | 795 | 1.8 | y | Rural 3 | 1 | 1.8 |
| 154 | E5 | Krui | 455 | 2.2 | y | Rural 4 | 0.5 | 1.1 |
| 155 | E5 | Hampshire | 380 | 13.1 | y | Rural 2 | 1 | 13.1 |
| 156 | E5 | Roma | 695 | 11.4 | y | Rural 3 | 1 | 11.4 |
| 157 | E6 | Mount Erin | 555 | 16.8 | y | Rural 3 | 1 | 16.8 |
| 158 | D6 | Alyndale | 20 | 0.8 | y | Rural 4 | 0.5 | 0.4 |
| 159 | G6 | Avocado | 35 | 7.6 | y | Rural 3 | 1 | 7.6 |
| 160 | E6 | Cream of Tartar | 195 | 2.8 | y | Rural 4 | 0.5 | 1.4 |
| 161 | F6 | Gummum | 355 | 5.5 | y | Rural 2 | 1 | 5.5 |
| 162 | E6 | Middle Creek | 515 | 10.4 | y | Rural 3 | 1 | 10.4 |
| 163 | E6 | Middle Creek | 515 | 0.85 | y | Rural 4 | 0.5 | 0.425 |
| 164 | D6 | Inglewood | 412 | 0.45 | y | Rural 4 | 0.5 | 0.225 |
| 165 | F7 | Cockatoo Gap | 168 | 1.21 | y | Rural 4 | 0.5 | 0.605 |
| 166 | F8 | Dales Creek | 210 | 16 | y | Rural 3 | 1 | 16 |
| 167 | F8 | Weibling | 890 | 1.96 | y | Rural 4 | 0.5 | 0.98 |
| 200 | D11 | Wrights | 935 | 1.45 | y | Rural 4 | 0.5 | 1.45 |
| 201 | D11 | Ashbrooke | 30 | 2.69 | y | Rural 3 | 1 | 2.69 |
| 202 | D11 | Gateleys | 295 | 1.8 | y | Rural 4 | 0.5 | 0.9 |
| 203 | D11 | Petwyn Vale | 637 | 1.3 | y | Rural 3 | 1 | 1.3 |
| 204 | E11 | Dry Creek | 245 | 3 | y | Rural 3 | 1 | 3 |
| 204 | E11 | Dry Creek | 245 | 3.37 | y | Rural 4 | 0.5 | 1.685 |
| 205 | E11 | Middlebrook Rd | 525 | 3 | y | Rural 3 | 1 | 3 |
| 206 | F11 | Middlebrook Drive | 520 | 1.4 | y | Rural 4 | 0.5 | 0.7 |
| 207 | E11 | Banool | 45 | 0.35 | y | Rural 3 | 1 | 0.35 |
| 208 | E11 | Mareeba | 495 | 3.4 | y | Rural 3 | 1 | 3.4 |
| 209 | F11 | Wallington | 875 | 3.3 | y | Rural 3 | 1 | 3.3 |
| 210 | F11 | Smiths | 747 | 0.35 | y | Rural 4 | 0.5 | 0.175 |</p>
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| 212 | F11 | Cliftlands | 165 | 3.75 | y | Rural 2 | 1 | 3.75 |
| 213 | F11 | Moobi | 540 | 7.1 | y | Rural 2 | 1 | 7.1 |
| 214 | F10 | Puan Buan Pit | 650 | 1.45 | y | Rural 4 | 0.5 | 0.725 |
| 215 | F10 | Yarrandi | 945 | 5.63 | y | Rural 2 | 1 | 5.63 |
| 216 | E10 | Thompsons Creek | 800 | 4.3 | y | Rural 3 | 1 | 4.3 |
| 217 | E10 | Sparks Creek | 760 | 7.5 | y | Rural 3 | 1 | 7.5 |
| 218 | E10 | Upper Dartbrook | 860 | 23.2 | y | Rural 1 | 2 | 23.2 |
| 219 | E9 | Kiernans Creek | 445 | 6.7 | y | Rural 3 | 1 | 6.7 |
| 220 | E10 | Upper Dartbrook | 860 | 0 | y | Rural 1 | 2 | 0 |
| 221 | E9 | Brawboy | 125 | 11.9 | y | Rural 3 | 1 | 11.9 |
| 222 | E9 | Millers Creek | 530 | 1.8 | y | Rural 4 | 0.5 | 0.9 |
| 223 | E10 | Upper Dartbrook | 860 | 0 | y | Rural 1 | 2 | 0 |
| 224 | E8 | Kars Springs | 430 | 23.2 | y | Rural 2 | 1 | 23.2 |
| 225 | E8 | Mt Terrell | 570 | 3 | y | Rural 4 | 0.5 | 1.5 |
| 226 | E8 | Kars Springs | 430 | 0 | y | Rural 2 | 1 | 0 |
| 227 | E8 | Little Creek | 480 | 3.5 | y | Rural 4 | 0.5 | 1.75 |
| 228 | F8 | Ridgelands | 670 | 16.91 | y | Rural 2 | 1 | 16.91 |
| 229 | F8 | Tyrone | 850 | 2.3 | y | Rural 4 | 0.5 | 1.15 |
| 230 | E8 | Jewisky | 420 | 0.5 | y | Rural 4 | 0.5 | 0.25 |
| 231 | E8 | Kars Springs | 430 | 0 | y | Rural 2 | 1 | 0 |
| 232 | E8 | Beales Creek | 60 | 4.6 | y | Rural 3 | 1 | 4.6 |
| 233 | E8 | Kars Springs | 430 | 0 | y | Rural 2 | 1 | 0 |
| 234 | F9 | Ashwood | 32 | 0.47 | y | Rural 4 | 0.5 | 0.235 |
| 235 | F9 | Gibbergunyah | 300 | 3.6 | y | Rural 4 | 0.5 | 1.8 |
| 236 | F10 | Sophia Creek | 755 | 0.3 | y | Rural 3 | 1 | 0.3 |
| 237 | G11 | Rossgoole | 705 | 12.9 | y | Rural 3 | 1 | 12.9 |
| 238 | G11 | Halls | 370 | 3.4 | y | Rural 2 | 1 | 3.4 |
| 239 | G11 | Halls | 370 | 3.8 | y | Rural 3 | 1 | 3.8 |</p>
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<p>| 240 | G11 | Netherton | 590 | 0.71 | y | Rural 4 | 0.5 | 0.355 |
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| 242 | G11 | Thompsons Lane | 805 | 0.4 | y | Rural 4 | 0.5 | 0.2 |
| 243 | G12 | Rouchel Gap Rd | 715 | 1.3 | y | Rural 3 | 1 | 1.3 |
| 244 | G12 | Dangarfield | 220 | 1.4 | y | Rural 4 | 0.5 | 0.7 |
| 245 | G12 | Dalvey | 215 | 1.13 | y | Rural 4 | 0.5 | 0.565 |
| 246 | G13 | Stoney Creek | 775 | 6.3 | y | Rural 3 | 1 | 6.3 |
| 247 | G13 | Armstrong | 0.12 | y | Rural 4 | 0.5 | 0.06 |
| 248 | G13 | Rouchel Carters | 713 | 0.99 | y | Rural 4 | 0.5 | 0.495 |
| 249 | H13 | Albano | 5 | 2.3 | y | Rural 4 | 0.5 | 1.15 |
| 250 | G13 | Back Creek | 40 | 2.7 | y | Rural 3 | 1 | 2.7 |
| 251 | G13 | Kenelea | 435 | 2.79 | y | Rural 4 | 0.5 | 1.395 |
| 252 | G13 | Glencoe | 325 | 2.88 | y | Rural 4 | 0.5 | 1.44 |
| 253 | G13 | Bowmans Gully S | 110 | 2.8 | y | Rural 4 | 0.5 | 1.4 |
| 254 | G14 | Upper Rouchel | 865 | 22.3 | y | Rural 3 | 1 | 22.3 |
| 255 | G14 | Malumia | 490 | 1.41 | y | Rural 4 | 0.5 | 0.705 |
| 256 | G14 | Upper Rouchel | 865 | 0 | y | Rural 3 | 1 | 0 |
| 257 | G14 | Davis Creek | 235 | 0.86 | y | Rural 3 | 1 | 0.86 |
| 258 | G14 | Studleigh | 780 | 1.54 | y | Rural 4 | 0.5 | 0.77 |
| 259 | G14 | Davis Creek | 235 | 6.7 | y | Rural 4 | 0.5 | 3.35 |
| 260 | G11 | Halcombe | 365 | 2.03 | y | Rural 3 | 1 | 2.03 |
| 261 | G11 | Turnville | 845 | 4.04 | y | Rural 2 | 1 | 4.04 |
| 262 | F11 | Ranch | 660 | 0.6 | y | Rural 4 | 0.5 | 0.3 |
| 263 | F12 | Leighton Park | 465 | 1.4 | y | Rural 3 | 1 | 1.4 |
| 264 | F12 | Glen Creek | 305 | 2.01 | y | Rural 3 | 1 | 2.01 |
| 265 | F12 | Bobs camp road | 90 | 3.1 | y | Rural 4 | 0.5 | 1.55 |
| 266 | F12 | Nectarbank | 580 | 0.86 | y | Rural 4 | 0.5 | 0.43 |
| 267 | F12 | Meerimika | 510 | 1.5 | y | Rural 4 | 0.5 | 0.75 |
| 268 | F12 | Alma | 15 | 1.7 | y | Rural 4 | 0.5 | 0.85 |</p>
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ANSWERS TO COUNCILLOR QUESTIONS

RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services

AUTHOR: Megan Thew - Infrastructure Services Support Officer

PURPOSE

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

RECOMMENDATION

That the Committee receive and note the report.

BACKGROUND

At each Infrastructure Services Committee meeting the Councillor’s ask questions to the Infrastructure Services Director and Managers. Some questions require further investigation and actions to be made.

This report is to provide the questions being asked by the Councillor’s and to ensure we have provided answers and relevant information regarding it.

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

REPORT/PROPOSAL

December 2018

Cr Campbell

1. Asked: What can we do to improve the safety and reduce the near misses at the intersection of the Golden Highway and Ringwood Road, Merriwa?

Response: Director Infrastructure Services has advised that Council will report the issue to RMS.

Update: A letter has been sign to the RMS asking them to review the intersection and undertake a road safety audit. Council is awaiting a response from RMS.

February 2019

Cr Collison

1. Asked: Has the community consultation been scheduled for Mossvale Footbridge

Response: Director Infrastructure Services has advised that the community consultation will be scheduled in the next few months.
Report To Infrastructure Services Committee
11 June 2019

Infrastructure Services

March 2019

Mayor Wayne Bedggood

2. Asked: What is the follow up on the turning lane and Street light on the corner of Mareeba Road and New England Highway?  
Response: Director Infrastructure Services has consulted with RMS who have advised Roads and Maritime have reviewed the crash data for this intersection and there have been no crashes recorded within the last five years. An upgrade of the intersection to provide a right turn bay is not a priority relative to other road safety issues on the road network. The intersection is within the village area of Parkville and new lighting would normally be provided by Council. Council are now working with Ausgrid to erect a streetlight on Mareeba Road to light up the intersection to increase the visibility of the intersection. A CRM reference 854/2019 has been logged for the work.

Update: Council are still liaising with Ausgrid.

Cr Collison

1. Asked: Can the concrete causeways out at Stewarts brook be programmed to be inspected?  
Response: Director Infrastructure Services has advised that staff have logged a CRM Reference 855/2019 and staff have programmed the causeways to be inspected.

Update: Causeways have now been inspected and are scheduled to be completed by the end of June.

2. Asked: There are some Trees along Timor Road that require pruning as trucks are now hitting the tops of them. Can this be inspected?  
Response: Director Infrastructure Services has advised that a CRM reference 407/2019 was logged and staff investigated the area and program the works.

Update: Works are now complete and a Memo has been sent to Councillors.

3. Asked: There are logs that have built up on Colonial Swamp Bridge on Mossvale Road, can these be removed and cleaned up? The bridge also had a plaque on it but some time ago it was knocked off. Can we investigate in having one erected again?  
Response: Director Infrastructure Services has advised that a CRM reference 883/2019 was logged and staff have completed the cleanup of the logs against the bridge. Staff are now investigating what was on the Plaque to have one erected and placed back on the bridge.

Cr Campbell

1. Asked: Has requested, can we get street lights be installed over the pedestrian crossing on Vennacher Street, Merriwa?  
Response: Director Infrastructure Services has advised a CRM 887/2019 has been logged for staff to liaise with Ausgrid for work to be scheduled.

Update: Staff are continuing to liaise with Ausgrid for works and a date of completion will be supplied.
2. Asked: Can the flags for the School crossing at Cassilis be replaced?

   Response: Director Infrastructure Services has advised a CRM 889/2019 has been logged for staff to purchase new flags for the school.

   Update: Flags have been ordered and will be delivered once received.

   Update: Flags have arrived and are scheduled to be installed by the end of June.

April 2019

Cr Maurice Collison

1. Asked: A grading program use to be provided to list what roads are scheduled next. Can this program come back as it was very useful?

   Response: Director Infrastructure Services advises that staff will be working towards getting the works back onto the program over the next few months subject to weather conditions.

   Update: A report on updated unsealed maintenance program is provided in the June 2019 Infrastructure Services Agenda.

Cr Ron Campbell

1. Asked: Is Racecourse Road to Borambil programmed for maintenance grading?

   Response: Director Infrastructure Services has advised that staff have inspected Racecourse Road and grading is scheduled for late May.

   Update: Grading has commenced on Racecourse Road.

2. Asked: How are we coming along with the town entry signs on the Golden Highway?

   Response: Director Infrastructure Services has advised that staff are investigating the options to use the proposed town entry signs and portal signs. Once this is completed a report will be provided.

3. Asked: We put in a request for an upgrade for the intersection on Ringwood Road, where is this up to?

   Response: Director Infrastructure Services will continue to discuss the intersection of Ringwood Road and Golden Highway with the RMS.

   Update: A letter has been sign to the RMS asking them to review the intersection and undertake a road safety audit. Council is awaiting a response from RMS.

Cr Lorna Driscoll

1. Asked: The corner of the intersection of the New England Highway and Perth Street needs a streetlight on it. Can Council enquire about one being erected?

   Response: Staff will investigate an option of a street light at Perth Street and provide feedback.
Cr Campbell

1. Asked: The pipe drain at the corner of Killoe Rd and Flight Springs Rd is full of soil residue preventing drainage, in a storm event the storm water would cross the road and enter on Killoe Rd scouring the resheating of the gravel surface that has been resurfaced after the last storm damage. Can the drain be cleaned out so this does not occur?

   Response: Staff have logged a CRM Ref: 1563/2019 for this request.

   Update: Director Infrastructure Services advises that staff have investigated the pipe drain and works are scheduled to be completed in July.

2. Asked: Can a delivery date for the School flags for Cassilis be provided?

   Response: Flags have arrived and are scheduled to be installed by the end of June.

3. Asked: How is the follow up coming along with the Portal town entry signs on the Golden Highway for Merriwa?

   Response: Director Infrastructure Services has advised that staff are investigating the options to use the proposed town entry signs and portal signs. Once this is completed a report will be provided.

4. Asked: How do we go about getting a bus shelter for Merriwa Primary School?

   Response: Director Infrastructure Services has advised the bus shelter at the Merriwa Public School will be considered in the next round of grant applications for bus shelters.

5. Asked: There are still some of the ‘Alcohol Free Zone’ signs in Bettington Street, Merriwa that are out of date, can the signs be updated?

   Response: Director Infrastructure Services has advised staff have inspected the signage and will update any signage that are out of date.

6. Asked: What can we do about having maintenance of vacant blocks mowed and maintained in Merriwa?

   Response: Director Environmental & Community Services has advised Under Section 124 of the Local Government Act 1993, Council may issue an Order 21 as follows: - To. a) To do or refrain from doing such things as are specified in the Order to ensure that land is, or premises are, placed or kept in a safe or healthy condition; c) To the owner or occupier of land or premises. Then if all fails a Notice of entry is issued under Local Government Act 1993 - Section 193.

   193 Notice of entry

   (1) Before a person authorised to enter premises under this Part does so, the Council must give the owner or occupier of the premises written notice of the intention to enter the premises.

   (2) The notice must specify the day on which the person intends to enter the premises and must be given before that day.

   The costs are paid by a Private Works Order to the owner of the land.
Cr Abbott

1. Asked: There is a safety concern in regards to the reversing section, drop off zone in Hill Street Scone for the Scone Public School. What can be done to rectify this issue?

Response: Director Infrastructure Services has advised that staff have reviewed the layout and will adjust the line marking. The police and staff will continue to work with School to improve the process.

2. Asked: Can Moobi Road be added as a consideration for a Rural Water Scheme workshop that is being conducted.

Response: Director Infrastructure Services has advised that staff have added Moobi Road area to the scoping study for consideration on the rural water schemes as requested.

3. Asked: In relation to the Murulla Street causeway, why we were defaulting to referring it as the Murulla Street Bridge Upgrade rather than the Murulla Street Causeway repair?

Response: Director Infrastructure Services advises the project will be referred to as Murrulla Street causeway upgrade moving forward and a report will be provided in this month’s Infrastructure Services Committee meeting.

Mayor Bedggood

1. Asked: Can we get further information of the rationalisation between Murulla causeway being upgraded to a bridge verses the causeway just being upgraded?

Response: Director Infrastructure Services has advised a report will be provided in this month’s Infrastructure Services Committee meeting.

2. Asked: Can Gundy be added as a consideration for a Rural Water Scheme workshop that is being conducted.

Response: Director Infrastructure Services has advised Gundy is already included in the scoping study for both village water and rural water scheme.

3. Asked: We have received concerns regarding the stables at White Park are becoming unusable and unsafe. What can we do to push for this stage of White Park to have these upgraded sooner?

Response: Director Infrastructure Services advises staff will undertake a review of the condition of the stables and work with the White Park Committee and other users to improve the safety of the stables and further develop these part of the redevelopment of White Park.
Cr Collison

1. Asked: How is the fencing for Gundy playground coming along?
   
   Response: Director Infrastructure Services advises that some funding has been set aside for this project. Staff will work with the community to develop the project further.

2. Asked: Is there any more money for Hunter Road in the next year’s budget?
   
   Response: Director Infrastructure Services has advised the funding for Hunter Road and Gundy Road is in the draft DPOP. The amounts for this are; Gundy Road Kerb and Gutter $200,000, Gundy Road Kelly Gully to Waverley Road $984,346. There is no funding for initial seal of Hunter Road in the proposed budget, however this project will be further developed over the next 12 months.

3. Asked: Following a recent storm Barrington Road pipes are all blocked. Can this be programmed for them to be cleaned out?
   
   Response: Director Infrastructure Services has advised that staff have logged this request as a CRM ref: 1586/2019. Staff have inspected the pipe systems and are currently developing a priority list for drainage maintenance within the maintenance budget.

Cr Burns

1. Asked: There is a safety concern and was discussed in the DPOP meeting of the congestion of vehicles turning right at any intersection in Aberdeen. How can we express this safety concern better to RMS?
   
   Response: A letter has been sign to the RMS asking them to review the intersection and undertake a road safety audit. Council is awaiting a response from RMS.

OPTIONS

1. Note the report.

CONSULTATION

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

STRATEGIC LINKS

a. Community Strategic Plan 2027
   This report links to the Community Strategic Plan 2027 as follows:
   ECONOMY AND INFRASTRUCTURE
   Goal 6  Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
   CS24  Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
Infrastructure Services

CS25  Provide inviting public spaces that are clean, green, properly maintained, well designed, encourage active participation, family friendly and accessible to all.

CS27  Maintain and upgrade the road network and bridges.

We are working to achieve the following Community Priorities:

b. Delivery Program
The report addresses the following objectives up to June 2019 as described in the 2018/19 DPOP:

Parks, Gardens and Sporting Fields
By providing quality open spaces, parks sporting grounds and reserves that are suitable and accessible for the community.

Roads and Bridges – Local & Regional
By undertaking roads, stormwater, footpaths and bridge maintenance and construction works to Council’s standards and specifications so as to improve road safety and minimise future expenses.

Parks & Gardens
- A parks and open space maintenance program across Council.
- Upgrade or replace parks and playground equipment.

Roads - Local & Regional
- A well maintained urban, rural sealed and unsealed road network.
- Increase effectiveness of preventative maintenance work as part of maintenance management works practices.
- Construction and quality specifications for road construction.

c. Other Plans
Asset Management Plans.

IMPLICATIONS

a. Policy and Procedural Implications
Parks, Sporting Fields, Footpath, Road and Bridge maintenance guidelines as identified within Asset Management Plans and Strategic Plans.
b. **Financial Implications**

Identified within individual items in the 2017/18 and 2018/19 budgets.

c. **Legislative Implications**

Not applicable.

d. **Risk Implications**

Nil

e. **Other Implications**

Nil

**CONCLUSION**

The updated report is provided to answer previous questions addressed by Councillor’s in the previous Infrastructure committee meetings.

**ATTACHMENTS**

Nil
CONFIDENTIAL REPORTS

CR.06.1 SCONC GOLF COURSE

RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services

AUTHOR: Alan Fletcher - Special Projects Manager

This matter is considered to be confidential under Section 10A(2) (d i) of the Local Government Act, as it deals with commercial information of a confidential nature that would, if disclosed (i) prejudice the commercial position of the person who supplied it.

PURPOSE

The purpose of this report is to provide an update on the Scone Golf Course budget and contractual issues with the detail design and construction contractor McMahons Pty Ltd.