



**GWYDIR**  
SHIRE COUNCIL

## **PUBLIC INFRASTRUCTURE COMMITTEE**

### **AGENDA**

**Thursday 8 September 2022**

### **NOTICE OF MEETING**

Notice is hereby given that a **Meeting of the Public Infrastructure Committee** will be held in the Warialda Office Council Chambers on **Thursday 8 September 2022**, commencing at **9:30 am** to discuss the items listed in the Agenda.

Your attendance is respectfully requested.

Yours faithfully,

Max Eastcott  
General Manager

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## 1 OFFICIAL OPENING AND WELCOME - MAYOR

## 2 APOLOGIES

## 3 CONFIRMATION OF THE MINUTES

### RECOMMENDATION

THAT the Minutes of the Public Infrastructure Committee held on 11 August 2022, as circulated, be taken as read and CONFIRMED.

## 4 CALL FOR THE DECLARATIONS OF INTERESTS, GIFTS RECEIVED AND CONFLICTS OF INTEREST

## 5 OFFICERS' REPORTS

### 5.1 August Technical Services Report

**File Reference:** NA

#### Delivery Program

**Goal:** 5. Organisational management

**Outcome:** 5.1 Corporate management

**Strategy:** 2.1.1 Plan for and develop the right assets and infrastructure

**Author:** Alex Eddy (Engineering Services Manager)

**STAFF DISCLOSURE OF INTEREST** Nil

### IN BRIEF/SUMMARY RECOMMENDATION

This report is for reception.

**TABLED ITEMS** Nil

### BACKGROUND

The Monthly Technical Services report has been identified by Council as the process of reporting the activities carried out monthly by the Technical Services Department.

### COMMENT

#### Construction

Council's northern construction crew have commenced a trail section on the SR9 I B Bore Road Upgrade near North Star, where they have formed up a 1.3 km section of road with existing material. The crew then attempted to stabilise 400mm of the existing pavement with lime but were unable to reach the required compaction results. The crew is now stabilising in two 200mm layers and compaction is being

achieved. A local contractor has also been on site clearing vegetation within the new clear zone and cleaning out drains. Continued progress on this project is heavily dependent on the availability of quicklime, which is currently not presenting an issue. There is currently an active request for tender for the supply of road stabilisation products which has thus far had an encouraging response.



*SR9 / B Bore Road Upgrade*

Construction is ongoing on the SR11 Horton Road Upgrade. Drainage works are nearing completion, with Council's southern maintenance crew assisting contractors with pipework. Gravel carting continues with almost 5km now ready to stabilise and final trim, ready for sealing.



*SR11 Horton Road*

## **Maintenance**

General maintenance continues on Regional and State roads, including vegetation control, slashing and whipper-snipping of guideposts and guard rails. Maintenance crews have also been busy spraying and general maintenance at the Warialda Airstrip.

Seal maintenance is ongoing on all State, Regional and Local Roads as potholes continue to develop. Heavy patching has taken place on MR132 MacIntyre Road at

the Romani yards causeway, where a difficult task controlling surface water and sub soil moisture has constantly affected works. The crew has now excavated to a depth of nearly 1m and has replaced it with a more suitable material. The patch was sealed on 25 August 2022.



*MR132 MacIntyre Road*

Council's bobcat has been busy with general town street maintenance in both Warialda and North Star, the cleaning out of dry beds at the truck wash.

### **Gravel Resheeting**

Gravel resheeting works, outside of current flood damage works, has seen one crew start a 6km section on SR225 Girrawheen Road, carting granite out of a local property owner's pit, where the crew have now completed 2km and gravel has been exhausted. Works will continue on the remaining 4km using imported material. A second crew have completed a Polycom trial on SR6 Getta Getta Road where it will be determined which of two gravels performs the best over the 4km that was recently re-sheeted. Crews have since moved to SR40 Blue Nobby Road, where existing gravels are being stabilised with polymer additive. This process delivers similar results to gravel resheeting while being more cost effective. Polymer stabilisation has proved very effective on Oregon Road, where 37km was applied under Round 2 of the Fixing Local Roads Program. Sections of this road are only now requiring their first maintenance grade after 12 months. Typically, the road would have been graded at least twice during this period.

### **Maintenance Grading**

Maintenance grading has been carried out on SR100 Kellys Access Road, SR44 Boundary Creek Road, SR39 Allandale Road, Research Road, SR242 Melrose Estate Road, SR231 Tolga Road and the Warialda Airstrip.

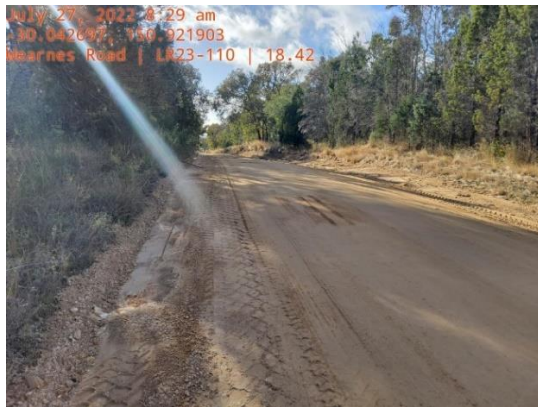
### **Flood Damage**

Through August Council crews have completed a 1.8km section of resheeting on SR23 Wearnes Road and undertaken repairs to a 200m section of SR56 Glenelg Road. The sealing of the intersection, desilting of blocked culverts and the culvert replacement on SR2 Bundarra Road are yet to commence. As with all the roads that the crews are working on, the weekly rain events are making it difficult to complete drainage works. Once the sealing and sediment control measures are put in place,

the crew will then move to SR119 Woodburn Emello Road to carry out resheeting of a 2.4km section.

Northern flood damage staff are currently working on resheeting 4.1km of damaged pavement across the unsealed section of SR14 Mosquito Creek Road. These sections vary in length from 20m to 500m.

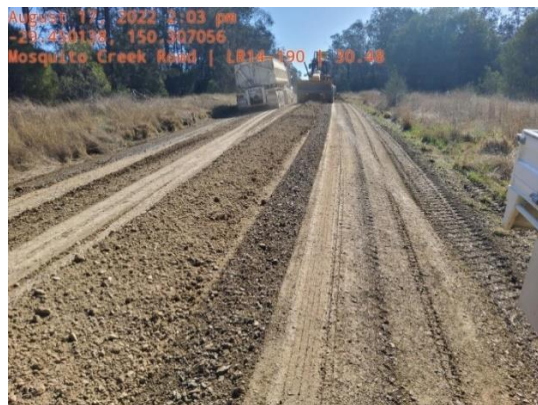
Aztech Civil have now completed a 2.5km section of resheeting on SR69 Tucka Tucka Road and 1.7km on SR72 Scotts Road, along with drainage works. Aztech have commenced work on a 2km section of SR61 Peates Road, south of SR33 Forest Creek Road. Once completed, they will then attempt to complete drainage works on SR61 Peates Road and SR68 Goates Road, which have been delayed due to wet weather.



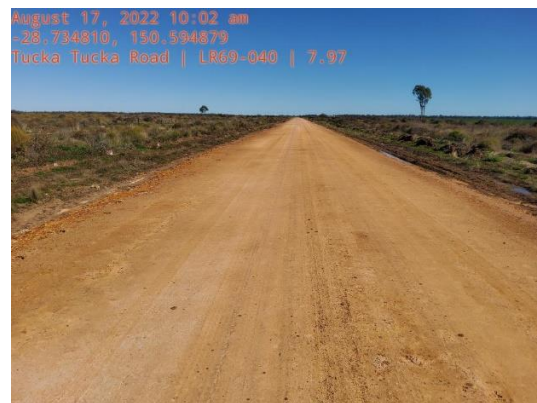
SR23 Wearn's Road



SR56 Glenelg Road



SR14 Mosquito Creek Road



*SR69 Tucka Tucka Road*



*SR72 Scotts Road*

**Flood damage work has been completed on the following Roads**

- SR67 Agincourt Road – 3.0km
- SR45 Bereen Road – 6.0km
- SR62 Hibernia Road – 12.0km
- SR54 Pinecliff Road - 4.5km
- SR97 Sadowa Road – 0.8km
- SR99 Terregee Road - 3.4km (including 0.3km of new seal)
- SR14 Mosquito Creek Road at Racecourse Creek
- SR21 Terry Hie Road - 1.2km
- SR68 Goat Road - 6.0km
- SR16 Trevallyn Road - 6.5km
- SR34 Bonanza Road – 3.0km
- SR82 Kirewa Road - 1.5km
- SR69 Tucka Tucka Road - 2.5km
- SR72 Scotts Road - 1.7km
- SR56 Glenelg Road – 0.2km

**County Boundary Road Reconstruction Project**



Revised design plans and pavement design were reviewed in August and the project has been retendered on Vendorpanel. The tender closes in early September and responses to date have been encouraging.

### **TfNSW Natural Disaster claims**

Staff have submitted a third application for funding for damage from the natural disaster in November 2021. It is expected that this claim will be approximately \$6 million.

### **Local Emergency Management Committee**

There was an LEMC meeting at the Roxy in Bingara in August which was well attended. Post Covid19 the focus for the committee is now back on updating the Emergency Management Plan and preparing for a busy fire season.

### **Landfills**

Landfills continue to operate as normal. Installation of the two prefabricated site offices for Warialda and Bingara are now complete.

Work is progressing on the development of 10 year management plans and updated remediation plans with full surveys of each Landfill now complete.

### **Roads Maintenance Council Contract – Work Orders Issued By TfNSW**

All Work Orders issued by RMS are quality assurance schedule of rates projects carried out by Council staff under the Roads Maintenance Council Contract with Transport for New South Wales.

This year will now see the completion of one rehabilitation project, Segment 6120 on MR63 Fossickers Way, with a further two segments, likely to be completed by TfNSW crews or external contractors. The detailed design for the 'Hollymount' project, segment 6120, has now been updated by Drake Roads and submitted for approval to TfNSW. Designs still awaiting approval from TfNSW include 'Wendouree' Rehabilitation, segment 5150 and 'Upper Bingara North' Rehabilitation, segment 4420, both on MR63 Fossickers Way. This financial year will see another average heavy patching program, a large reseal preparation program and an extensive resealing program with 10 segments on MR63 Fossickers Way and 11 segments on HW12 Gwydir Highway being resurfaced. Works for heavy patching and reseal preparation have now been scoped out, with programs and estimates currently being prepared. Flood damage works have also been approved for HW12 Gwydir Highway and will be completed by the heavy patching crew before starting their heavy patching.

With a maintenance budget almost double that of recent years, routine maintenance will continue each week undertaking inspections, rest area services, vegetation control and bitumen repairs, with an additional focus on minor patching and drainage works.

### **Water and Sewer**

Water and Sewerage operators carried operational tasks and in addition attended 11 service line repairs, 3 repairs to water mains, repaired 4 sewer blockages, and replaced 4 new water meters during August 2022.

Regular weekly tasks carried out by Water and Sewerage staff include grounds maintenance at the Warialda truck wash, truck wash ponds, both sewerage treatment plants, sewer pump stations, water treatment plants and reservoirs.

Replacement of the dosing lines from the chemical storage area to flocculation tank (pre-dose) and to water treatment plant outlet pipe (post-dose) was undertaken in August. This work was undertaken due to a broken dosing pipe under the concrete that was causing intermittent issue with the water treatment plant process.

NSW Health are funding Hunter H2O (HH2O) consultants directly to develop a specification to install online turbidity instruments on the outlets of the filters at the water treatment plant. The Audit by HH2O was undertaken on Thursday 25 August 2022.

Other work was undertaken at the Bingara Showground, Warialda Caravan Park, Captain Cook Park, Coolatai toilets, The Living Classroom, Gwydir Oval, Warialda truckwash, Museum, Courthouse, Naroo and Touriandi, Whitfeld Place, Bingara Preschool, Cunningham Park, Bingara Caravan Park and Warialda cemeteries.

### **Town Utilities Grant Projects**

- **Bulk metering grant funded project** – quotations received for bulk meters
- **Gravesend Water treatment plant** – a funding deed was signed for development of water treatment options, concept designs, subsidiary works and production of tender documentation.
- **Federal Drought Program**
  - All Abilities Park – landscaping of the western end of the park including terracing and sandstone retaining wall has been delayed due to the availability of the contractor.
  - Cunningham Park – project completed.
- **Covid Stimulus Funding**
  - Batterham's Lookout – the guardrail installation has been delayed due to resourcing issues.
- **Bingara Showground**
  - Phase 2 Showground Stimulus Funding - the refurbishment of the Bingara Showground Grandstand has been completed.
  - Phase 2b Showground Stimulus Funding – Led Lighting upgrade is complete
  - New amenities block - complete
- **Regional Sports Facility Program** - the covered netball court at Gwydir Oval has been ordered and construction is scheduled to commence in September 2022. Asphalt has been ordered and cracking sealing is scheduled to be undertaken in September 2022. The aluminum seating has been delivered and will be assembled at completion of the project.
- **Local Roads and Community Infrastructure**
  - Gravesend recreation ground irrigation system – quotations for materials has been obtained and purchase order issued for supply and installation.



*Bingara water treatment plant dosing line modifications*

### **Warialda Truckwash**

The truckwash facility was used by 120 trucks during August with an average wash down time of 60 minutes and total water used was 805kL. The estimated income for August is \$8045.40 less monitoring fees and expenses.

### **Bingara Showground**

Two electronic bird scarers were installed at the Bingara Showground during August. Feral birds, mainly homing pigeons, are creating a major problem in the grandstand and there is a lesser problem in the kitchen on the eastern side of the ground. One scarer was installed in the grandstand and another on the eastern side of the ground. Drainage works on the inside of the racetrack were undertaken in August.



*Bingara showground track drainage*

### **Parks and Gardens**

All parks and gardens continue to be maintained. Council undertakes weekly inspections of playgrounds and cleaning of handrails and touch areas. Mowing, weed control, irrigation, hedging, and trimming were routinely undertaken during May. Council continues to mark and maintain the fields for the community groups using Council's ovals. Myall Creek and the Glacial area are inspected on a weekly basis.

Parks and Gardens staff continue to erect guards around the street trees as time permits.

In August a large amount of water was released from Copeton dam which combined with upstream flows in the creeks saw the Gwydir River foreshore area be inundated with water. The infrastructure was pressure cleaned when the water subsided and no damage to infrastructure occurred in the flowing.



*Gwydir River foreshore water inundation*

### **Workshops & Depots – August 2022**

<b>Workshop Services and Jobs</b>	<b>June</b>	<b>July</b>	<b>August</b>
Total number of services in Workshops	23	22	19
Total number of repairs in Workshops	140	100	110

Major Repairs and maintenance undertaken in the workshops during August included:

- Warialda depot diesel fuel bowser – replacement
- P1140 - Grid roller – drum bearings replacement

- P1713 - Jet Patcher - Electrical faults
- P1986 - Excavator - mulcher head fitment
- P1691 – Loader – hydraulic repairs
- P2033 - Truck - exhaust manifold gaskets and cooling system repairs
- P1950 - Kubota fit new broom and fit 4 new tires
- P1721 – Grader – blade pin repairs
- P1866 – Tractor - fuel system repairs
- P1914 - Skid steer - stump grinder repairs
- P1841 - Excavator - tilt head repairs
- P1700 - Woodchipper blade change
- P1722 - Tractor fit new PTO shaft
- P1717 - Utility fit new brakes and rotors
- P1903 - Utility transmission repairs
- P1629 - Truck -suspension repairs
- P1010 - Utility fit new brake rotors and pads
- P1638 - Utility fit new rear shocks
- P1724 – Tractor front differential repairs



*P1724 – Tractor differential repairs*

### **Plant Replacement**

Warialda CHSP vehicle Mitsubishi ASX replaced with Hyundai Tucson.



*P2051 – Hyundai Tucson*

## **CONCLUSION**

The activities carried out by the Technical Services Department are in line with the 2022/23 Management Plan and otherwise directed.

## **CONSULTATION**

Consultation is carried out within the Technical Services Department during the monthly Technical Services team meetings and other relevant persons.

## **OFFICER RECOMMENDATION**

**THAT the Monthly Technical Services Report for August 2022 be received.**

## **ATTACHMENTS**

Nil

**6 CLOSURE**