



NOTICE OF MEETING

NOTICE is hereby given that a **Meeting of the Public Infrastructure Committee** will be held in the Roxy Meeting Room Bingara, on **Thursday 14 October 2021** (commencing at **9.00 am**) to discuss the items listed in the Agenda.

Your attendance is respectfully requested.

Yours faithfully,

Max Eastcott
General Manager

Content

Page No

OFFICERS REPORTS

1. Monthly Technical Services Report for September 2021 3

GWYDIR SHIRE COUNCIL

B U S I N E S S P A P E R

AGENDA

PUBLIC INFRASTRUCTURE COMMITTEE

October 14, 2021

9.00 am

OFFICIAL OPENING AND WELCOME – MAYOR

APOLOGIES

CONFIRMATION OF THE MINUTES

RECOMMENDATION:

THAT the Minutes of the Public Infrastructure Committee held on Thursday, August 12, 2021 as circulated be taken as read and CONFIRMED.

PRESENTATION

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

MAYORAL MINUTE (If any)

DEFERRED ITEMS – Nil

OFFICERS' REPORTS (As listed)

COMMITTEE OF THE WHOLE – OPEN

Councillors' Reports

Item 1 Monthly Technical Services Report for September 2021

FILE REFERENCE 21/25609

DELIVERY PROGRAM

GOAL: 5. Organisational Management

OUTCOME: 5.1 CORPORATE MANAGEMENT

STRATEGY: 5.1.3 Administrative functions - GM - internal

AUTHOR Manager, Engineering Services

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

Warialda High Productivity Vehicle Route

Works continue on the project with subsurface drainage being laid out to prevent moisture ingress into the new pavement. Maintenance staff continue laying pipe culverts to direct surface water and upon completion of drain works, contractors will be brought back to the site to finalise bulk earthworks prior to importing road base. The project is expected to be finalised before February 2022

Getta Getta Road Resheeting

Council has been successful in securing \$1.854 million to provide a stabilized, multi-course resheet on Getta Getta Road, North Star. The project is synergistic with the IB Bore upgrade and will provide a suitable sub base course to seal the road should funding be made available in coming years. The works are scheduled to commence in March 2022, following completion of similar works on Oregon Road.

County Boundary Road

Staff are working with Local Government Engineering Services to finalise the detailed design of the project. A tender will be advertised towards the end of 2021 for the construction of this project, with the expectation that it will be awarded by the newly elected council in January 2022.

IB Bore Road

Tender documents for drainage works on the 19.987km upgrade are in draft stage, with the expectation that they will be awarded via Local Government Procurement in November. Council staff will commence roadworks in January 2022.

Construction

North: This month has seen one of the construction crews continue with the rehabilitation of a 1.3km section of RR7705 North Star Road that severely failed during the recent flood events. These works have involved removing a 300mm layer of roadbase, stabilising 150mm the clayey sub-grade with hydrated lime, reinstating a 150mm sub-base layer from the removed road base and stabilising with a 70:30 cement/flyash blend. A final layer 150mm base layer of DGB20 will then be placed and a bitumen seal over the top. These works are funded via the Resilience NSW Flood Damage claim for the March 2021 event.





Stabilising the sub-base of the 1.3km section of RR7705 North Star Road.

South: Pavement upgrade works continue on SR11 Horton Road, with the first 3km section, starting from MR133 Killarney Gap Road now stabilised and sealed. The 200mm base layer of gravel has been stabilised, trimmed and compacted to an 8m formation and finished with a 7m graded S5R bitumen Otta seal. An Otta seal uses a range of aggregate sizes to provide a tighter bitumen seal with self-healing properties suitable for low traffic roads. The construction crew have now started carting and forming up the next 3km section, where the same procedure will be undertaken.

The reactive maintenance crew continue to work ahead of the construction crew, extending or replacing existing pipe culverts and lifting headwalls as needed, to allow for the wider, raised pavement.





The upgraded pavement being stabilised on SR11 Horton Road.





The final sealed pavement on SR11 Horton Road.





New 450mm pipe being installed ahead of construction crew on SR11 Horton Road.

Gravel Resheeting

North: September has seen two resheeting crews working together to complete the pavement upgrade works on SR13 Oregon Road. The first resheeting crew has now finished laying the crushed material extracted from a local quarry and commenced resheeting a 4km section of SR78 Dewrang Road. A gravel crushing contractor's plant failure has temporarily suspended these works as existing gravel stockpiles have been exhausted. The crew has moved to a resheeting project on SR62 Hibernia Road that was commenced last financial year but suspended due to wet weather.

A second resheeting crew has been ripping 100mm of the newly laid pavement on SR13 Oregon Road to blend in a polymer stabilisation aid. Approximately 10km now has the product combined, with a 500m graded S5R bitumen sealed section as part of a trail. Major drainage works have been undertaken by a local contractor.



Material with Polycom being re-laid for SR13 Oregon Road pavement upgrade.

South: The resheeting crew commenced flood damage works on a 1.2km section SR11 Horton Road, 900m west of the Upper Horton village. These damages arose from the December 2020 flood event. Since completing these works, the crew has started a 1.8km resheet on SR45 Bereen Road, 1.5km south of the Upper Horton village and will then head further west completing resheets on SR54 Pinecliff Road, SR21 Terry Hie Hie Road, SR60 Pound Creek Road and SR98 Terregee Road.



Gravel resheeting SR11 Horton Road flood damage.



*Gravel resheeting SR45 Bereen Road***Maintenance**

North: The maintenance crew, this month, have been completing stormwater and drainage works on the HPV Route and SR13 Oregon Road. This month has seen the installation of a triple cell 600mm concrete pipe culvert with headwalls and a 900mm single pipe culvert with headwalls for the HPV Route, including backfilling and compacting so that access to the rest of the work site can be maintained. The crew has also been helping the water and sewerage crew, as required and the new excavator has been constructing drains on the HPV Route to keep water away from the formation.



Installing new pipes on the HPV Route.



Unsuitable sand material being removed from the HPV Route.

South: This month has seen the maintenance crew undertaking roadside vegetation spraying on SR15 Gulf Creek Road, MR132 McIntyre Road, SR11 Horton Road and MR133 Killarney Gap Road. Staff have also continued with works desilting drains and clearing culverts throughout the network. These works have taken place this month on SR66 Reserve Creek Road and SR207 Yammacoona Estate Road.

Maintenance Grading

North: Maintenance grading has been completed on the following roads: SR43 Buckie Road, SR39 Allandale Road, SR10 Yallaroi Road, SR67 Agincourt Road and SR13 Oregon Road drainage, SR66 Reserve Creek Road, SR38 Adams Scrub Road, SR52 Bora Link Road, SR88 Kywarra Road, SR89 Glenarthur Road, SR117 Bundaleer Road SR15 Gulf Creek Road, SR119 Woodburn Emello Road and SR50 Thornleigh Road.

Seal Maintenance

Seal maintenance is ongoing on all State, Regional, Local and Urban Roads.

Roads Maintenance Council Contract – Works 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.

With the concrete stormwater pipes just starting to be delivered, works for the 'Hadleigh' Rehabilitation Project on HW12 Gwydir Highway, segments 8140,

8145 and 8150, will be placed on hold until next year and will now likely be undertaken by a suitably qualified contractor due to changes with other Council works affecting our availability to complete them on time. Contracted works will include similar pavement construction, culvert extensions, headwall lifting and guardrail works. The finished pavement will be a 10m formation with a 9m seal. This project is programmed to be completed before the end of the financial year. Designs are approaching completion for the 'Upper Bingara Road' Rehabilitation Project on MR63 Fossickers Way, segment 4420, that will also be contracted out for completion before the end of the financial year. These works will be very similar to those undertaken on the 'Hadleigh' Project. Further designs awaiting approval from TfNSW include 'Wendouree' Rehabilitation, segment 5150 and 'Hollymount' Rehabilitation, segment 6120, both on MR63 Fossickers Way. This years heavy patching program is currently being developed and Fulton Hogan are in the process of completing seal designs for three final seal segments on MR63 Fossickers Way and HW12 Gwydir Highway, to be completed this year.

Routine maintenance continues each week undertaking inspections, rest area services, vegetation control and bitumen repairs.

ENGINEERING ASSETS

Minor Projects

The Hope Street Rest Area and pathway project in Warialda on the banks of Warialda Creek is nearly complete with only landscaping and signposting to go. The project estimated cost is \$110,000 and is funded from a Drought Relief Grant.

The Nicholson Oval sports field lighting project has been significantly affected over last 2 months by COVID19 Queensland border shutdown issues. Most materials are now on site, and it is hoped that workers can get over the border soon to start work. The project estimated cost is \$481,000 and is funded by the Stronger Country Communities Fund - Round 3 and Covid-19 Stimulus funding.

TfNSW Natural Disaster Claims

Staff have successfully submitted natural disaster claims to TfNSW for the December 2020 Horton Flood Event and the March 2021 Shire event to the value of \$13.094 million. Council has completed over \$750,000 of emergency works to open its road network since 22 March and high priority restoration works are now underway, to be completed over the next two years. This will require a significant sustained effort by our outdoor staff and significant planning and coordination is required to complete these works efficiently and on time.

Local Emergency Management Committee

The Committee continues to hold regular meetings that are well attended. There have been weekly LEMC Teams meetings in recent weeks in order to assist Dept Health manage the significant challenges of COVID-19. The Committee's Local Emergency Controller Ross Chillcott (Inverell Police) has been doing an excellent job providing leadership, coordination, and support to the Committee during these difficult times.

CONCLUSION

The activities carried out by the Technical Services Department are in line with the 2020/21 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 September 2021 be received.

ATTACHMENTS

There are no attachments for this report.