

## **Shire of Corrigin**

### **AGRN 743 Surface Trough and Associated Flooding (Jan/Feb 2017)**

#### **Project Progress Report (Aug 2017)**

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#### **Introduction (Contract administration)**

The Shire of Corrigin awarded the tender to Red Dust Holdings (RDH) in August 2017 for the Minor Works Contract for the reinstatement of road infrastructure as a result of the storm event in Jan/Feb 2017.

Core Business Australia have been appointed as the Project Managers for the works and have a full-time Supervisor on site to supervise and administer the daily works. The works schedule has been developed over a 10 day on 4 day off work cycle of 10 hrs/day. A normal work rotation commences on Monday of the cycle and continues through to Wednesday of the following week. With the current approved project budget and the Shire monthly expenditure cap, the project is estimated to be completed by Feb 2019.

#### **Progress to date**

The reinstatement works have been broken down into several different activities. The main three are;

- Heavy grading and resheeting of existing major access roads with substantial damage,
- Repair to existing stabilised floodways with cement stabilisation and/or bitumen seal, and
- Minor works to culvert inlet and outlet drains

#### **Procedure One – Minor works to culvert inlet and outlet drains (drainage crew)**

Over 100 culvert sites were identified with minor to severe damage at the initial damage assessment. Due to the severity of damage at a few culvert sites, the contractor decided to assemble a drainage crew to tackle a few emergency sites for the first 3 weeks to ensure the safety of all road users. In the mean time, Corrigin based Traffic Management Service provider – Rural Traffic Services (RTS) was also engaged by the contractor to set up and maintain proper signage throughout the duration of works.

Works Schedule for the first 3 week block (starting on the 23<sup>rd</sup> Aug);

- Dry Well Rd
- Hewett Rd
- Hills Rd
- Parsons Rd

- Gnerkadilling Rd



Dry Well Rd SLK 10.24 to 10.28 – example of severe damage (extensive scouring of embankment/shoulder, damage to culvert headwall and loss of rock armour protection)



Hewett Rd SLK 1.96    Parsons Rd SLK 14.62 (minor damage)    Parsons Rd SLK 14.66

*Note: The drainage crew will continue to work concurrently with the road crew after the first 3 weeks*

### Procedure Two - Heavy construction grading and resheeting (roadworks crew)

Most of reinstatement roadworks will be a heavy construction grade. This involves removal and transportation of silt from table drains, reshaping road formation and some raising of road profile in low areas using local material. In addition to construction grade, sections that have had major scouring, or loss of pavement (gravel) will be resheeted using gravel sourced from pits throughout the Shire. Roadworks is intended to start around the 12<sup>th</sup> Sep in the North West quarter of the Shire. Priority has been made to open up Lohoar Rd first.



2 Dozers pushing up and stockpiling gravel at Hewetts Pit (Lohoar Rd SLK 2.81)  
16/08/2017

## Floodway Repairs

A few stabilised/sealed floodways were eroded during the storm. These are to be reconstructed with cement stabilised gravel pavement and/or bitumen seal at the completion of major roadworks on each road.

### Additional Photos of Damage



Road shoulder erosion



Washout of sealed floodway



Loss of gravel from road



Silting in table drains



Scouring to table drains



Damage to cement-stab floodways