



Shire of Corrigin

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

Project Progress Report (Sep 2017)



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DISTRIBUTION SCHEDULE

Version No.	Date	Distribution	Reference
Version 1	16 September 2017	Click here to enter text.	
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1.0 Contractor Administration

The contractor, Red Dust Holdings (RDH) commenced work on the 24th Aug 2017 and is anticipated to continue through to Feb 2019 at this stage. Works have been prioritised to restore 7 culvert sites with severe damage and reopen Lohoar Rd to the public. The current 10 day on 4 day off work cycle commences on Tuesday of the cycle and continues through to Thursday of the following week.

2.0 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

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

A three-personnel drainage crew equipped with small plant equipment truck, skid steer loader and 3T excavator were selected. The work scope comprises clean-up and desilt culvert inlets and outlets, backfill and compact embankment, and reconstruct headwalls and rock armour.

The crew is tasked to reinstate 7 prioritised sites first and will then work in vicinity with the road crew in the future. Sites that have been completed to date are;

- Dry Well Rd SLK 10.25 – 10.28
- Hewett Rd SLK 1.92 – 1.97
- Hills Rd SLK 2.32 – 2.36 and SLK 3.71 – 3.73
- Gnerkadilling Rd SLK 5.17 and SLK 10.00
- Parsons Rd SLK 14.65 – 14.69 (estimated completion date: 17th Sep 2017)



Before



After Reinstatement (07/09/2017)

Dry Well Rd SLK 10.24 to 10.28 – severe damage to embankment, rock armour and culvert headwall



Before



After Reinstatement (16/09/2017)

Dry Well Rd SLK 10.24 to 10.28 – severe damage to embankment, rock armour and culvert headwall



Before



After Reinstatement (15/09/2017)

Gnerkadilling Rd SLK 10.00 – severe washout to embankment

2.2 Procedure Two – Heavy construction grading and resheeting (road crew)

Major roadworks commenced on the 12th Sep 2017. Priority has been made to reinstate Lohoar Rd and roads in the North West quarter of the Shire.

Roads scheduled to be completed by the end of Oct are;

- Lohoar Rd (estimated reopen date: 19th Sep)
- Duncanson Rd
- 49 Gate West Rd



Lohoar Rd – example of gravel resheet

Note that the road crown has been raised by some 100mm

2.3 Floodway Repairs

A few floodways were eroded as a result of the storm event. These are to be reconstructed with cement stabilised gravel pavement and/or bitumen seal at the completion of major roadworks. The decision of whether another contractor (e.g. Western Stabilisers) should be engaged to carry out the works is currently under assessment and will notify the Shire once the decision is made.

Prepared by



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