
4.	INFRASTRUCTURE REPORT
Location:	Shire of Gnowangerup
Proponent:	N/A
File Ref:	ADM
Date of Report:	November 2019
Business Unit:	Infrastructure
Officer:	Yvette Wheatcroft - Manager of Works
Disclosure of Interest:	Nil

PURPOSE OF THE REPORT

To advise Council of the works carried out and items of interest during the month of November 2019.

INFRASTRUCTURE ACTIVITIES

Work has continued on the construction program with the first round of bitumen resealing undertaken in the last week of November.

The majority of unsealed roads have held up to the heavy harvest traffic. The few that had issues were Nightwell Road with extensive blow outs through some sections. Traffic counters have been in place on that road for the last 12 months we will investigate further the speeds that heavy traffic transverses that road and bring back to council at a later date. Cowalellup Road also suffered from the heavy traffic with a number of blow outs. Both these roads have now been gravel patched. Other roads such as Gleeson Road, Coromup Road and the east end of Salt River Road have been graded post harvest traffic to remove corrugations.

The construction crew are working their way around the road gravel patching smaller blowouts before the Christmas break.

All of the newer sealed roads have held up so far to the very hot weather we have experienced over the last few weeks and daily checks are done to make sure any remedial issues can be addressed early. So far, there has been none.

PROJECT STATUS

2019-2020 road projects	Council Funds	State/Fed	Total Fund	% Complete
Roads to Recovery		Federal		
Rabbit Proof Fence Rd – gravel sheeting		\$119,000	\$119,000	0%
Strathaven Rd – stabilise and seal 260m		\$36,000	\$36,000	100%
Hinkley Rd – reseal 1.4km		\$61,000	\$61,000	100%
Old Ongerup Rd – reseal 2.15km		\$80,000	\$80,000	100%
Boxwood Hill Ongerup Rd		\$96,891	\$96,891	0%
Regional Road Group		State		
Tieline Rd – reseal 6km	\$46,000	\$92,000	\$138,000	0%
Borden Bremer Bay Rd – reseal 7km	\$43,333	\$86,667	\$130,000	100%
Ongerup Pingrup Rd – widen shoulders & reseal 2.43km (final section)	\$46,000	\$92,000	\$192,000	0%

Council Funded				
Tieline Rd – shoulder widening pre seal	\$120,011			0%
Borden Bremer Bay Road shoulder work pre seal	\$69,834			100%
Aylmore St – kerbing and backfilling	\$7,950			50%
Bell Street – reseal and kerbing	\$35,814			80%
Stone Street – reseal and kerbing	\$9,450			0%
Corbett St - reseal	\$20,000			100%
Bowling Club Car Park – reseal	\$12,339			100%
Hams St - Kerbing	\$16,725			50%
Glengarry Rd - kerbing	\$3,550			0%
Moir Street - kerbing	\$50,100			0%
John St – kerbing	\$5,240			0%
Lamont St - reseal	\$18,232			0%
Tieline Rd – gravel sheeting	\$152,300			0%

Mechanics Report

John Deere 315SJ Backhoe Loader (Ong) - check over, fit transmission guard

Iveco AS500 Stralis GN.0044 – ignition issues -check fuses, relays, wash/clean batteries, fit water tank and testing water pump

Dynapac Combi Roller – ignition issues, check /cleaned ignition switch, pull out broken forward/reverse lever, weld broken lever, fix wiring harness, wash/check over

Mitsubishi Pajero (Works Manager) - service 30,000km, rotate tyres

John Deere 6230 Tractor (Gnp) - check over, wash, replace flat tyre, replace broken power supply on shire radio, fix head lights, replace worn broom, greased

Komatsu Motor Grader (Gnp) - replace broken hydraulic hose, change blades, top up hydraulic oil, pull out circle lift locking ram

12M Cat Grader (Ong) - assist cat mechanic, replace faulty injector, tighten taper cover. investigate hydraulic leak

Case Backhoe Loader (Gnp) - replace broken grease fittings, top up gear reservoir

930H Cat Loader - check over cleaned air filter cab, pump up all tyres

Float Trailer (Lo-loader) - make ladder for safe access onto back of trailer for tying down machinery

Atlas Copco Air Compressor - service, check over

Post Hole Box Top Trailer – service engine on posthole digger

2017 Cat Skid Steer - check engine, replace blown fuse, check electrical warning light

General Duties - make frame for Ongerup Information signs, make guard for gen set

Bowling Club Dam pump -sort out water pump hoses

P6000 (various small equipment) edging machine - check and service, repair small vibrator, replace worn out tooth on Cat cold planer, top up engine oil, run testing on water truck pump

Ongerup Gardener

The main role of the Ongerup gardener is to maintain the town gardens, verge mowing and sporting facilities ovals and surrounds in Borden and Ongerup.

Other duties carried out in November 2019 included:

Sign installation/maintenance: Rabbit Proof Fence Road & P J Jones T Junction – put new poles & chevron, P J Jones – put up T Junction sign

Other general duties:

- Water sampling as per Health Department requirements
- Make bracket for bins at Ongerup town hall after bins were stolen
- Put out Borden & Ongerup street bins for rubbish collection weekly
- Empty Borden Bremer Bay Road rubbish bins
- Remove fallen trees on Stone, Evans Street and Moir Street
- Investigate reticulation issues at Ongerup Town Hall
- Check Ongerup septic ponds and put in algae pellets
- Check pump and tanks in Toompup Dam
- Borden public toilets – replace broken toilet seat
- Ongerup Refuse Site – maintenance and push up
- Ongerup Sporting Complex – spray weeds, recondition old sprinklers and replace damaged ones at the oval

NOTE: Ongerup Gardner on 4 weeks annual leave from 25 October to 21st November

Works and Drainage Crews

The construction crew undertook profiling and cement stabilising on Borden Bremer Bay Road, Hinkley Road, Old Ongerup Road, Strathaven Road and Tieline Road prior to the resealing program. This corrected pavement failures in the road foundation.

The Bell Street kerbing and resealing project has been partially completed with the pipes and sumps installed and the bitumen seal widened to accommodate the kerbing which is part of the kerbing program for March.

A number of patches on Kwobrup Road were stabilised and resealed. As this section of road is part of a substantial RRG funded project in the new financial year the works were kept to the minimum required as to keep the road safe until these works begin.

A 260m road failure on Strathaven Road was cement stabilised and two coat sealed. A 160m patch on Tieline Road was also cement stabilised and has been prime sealed with 14mm aggregate and the drainage improved. This will be resealed in the works program in March 2020.

Gravel Patching: Cowalleup Road a blowout that occurred due to heavy harvest traffic.

Tree removal/pruning: Tie Line Road, clear line of site at Mindarabin bins entrance as per request from CBH, Jackitup Road – remove fallen tree, Hart Road – remove fallen tree

Guide Posts: Borden Bremer Bay Road post shoulder preparation for resealing

Mowing / Slashing / Whipper Snipping: Beard Street – clean blocks as per fire break requirements

Other duties included:

- Dig grave
- Clear trench for pipe between dams at airstrip reserve
- Push up rubbish at Gnowangerup Refuse Site
- Grease traps
- Verge mowing Gnowangerup town
- Pick up freight
- Repair lighting at the main office
- Test and tag appliances various
- Repair electrical fault Gnowangerup Airport lighting
- Business bin surveys
- Repairs to main street banner

Grader Movements

Hire Grader –		
Grader	Road Name	Hours
Days Hire Grader		
	Total	

Gnowangerup Grader – Maintenance Grading		
Grader	Road Name	Hours
John-Maintenance 13 Days P2016	Airport Dam	5.5
	Gnowangerup Refuse Site	2
	Cadalelup Road	4
	North Boundary Road	7
	Dooleys Road	3
	Moore's Dam Road	7
	Jackitup Road	4
	Tie Line Road	7
	Bell Street - construction	10
	Grader back to Gnp Depot for Service	1
	Total	50.5

Ongerup Grader – Maintenance Grading		
Grader	Road Name	Hours
Charlie-Maintenance 19 Days P2003	Borden Bremer Bay Road	8.5
	Bridgeman Road	9
	Hart Road	13
	Boxwood Hill-Ongerup Road	2
	Foster Road	17

	Cowalellup Road	7
	Gleeson Road	7
	Tie Line Road	16
	Nightwell Road	13
	Rabbit Proof Fence Road	26.5
	Cowcher Road	7
	Total	126
Borden Grader – Maintenance Grading		
Grader	Road Name	Hours
Tasman-Maintenance 16 Days P2006	Borden Bremer Bay Road- construction	16
	Greaves Hill Road	5.5
	Nightwell Road South	6
	Nightwell Road	7
	North Stirling Road	5
	Nightwell Road to Gnp Depot for prep Tie Line Road	2
	Drove Grader to Tie Line Road	1
	Strathaven Road - construction	2
	Bell Street - construction	3
	Salt River Road	8
		Total

NOTE:

Charlie

- 2 Days – RDO
- 1 Day – Road inspections
- 1 Day – Maintenance / Ongerup Gardener duties

John

- 2 Days – RDO
- 2 Days - AL
- 3 Days – Traffic Control – Borden Bremer Bay Road
- 1 Day – Traffic Control – Strathaven Road
- 1 Day – Road inspections

Tasman

- 2 Days – RDO
- 1 Day – AL
- 2 Days – Traffic Control – Kwobrup Road
- 1 Day – Traffic Control – Tie Line Road
- 2 Day2 – Traffic Control – Strathaven Road
- 1 Day – Traffic Control – Borden Bremer Bay Road
- 1 Day – Traffic Control – Hinkley Road
- 1 day – Road inspections
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Note: As Tassies grader is used on construction works the maintenance hours

Standpipe usage

November – 179,840ltrs

Septic pump outs

November – nil

Grease trap pump outs

November – 1000ltrs

Septic waste from outside the Shire

November - nil

Septic waste received from contractors

November – nil