
4.	INFRASTRUCTURE REPORT
Location:	Shire of Gnowangerup
Proponent:	N/A
File Ref:	ADM
Date of Report:	14 th February 2018
Business Unit:	Infrastructure
Officer:	Yvette Wheatcroft - Manager of Works
Disclosure of Interest:	Nil

ATTACHMENTS

- Nil

PURPOSE OF THE REPORT

To advise Council of the works carried out and items of interest during the month of December 2017 and January 2018.

INFRASTRUCTURE ACTIVITIES

Due to the continual wet summer and winter months, the sealed roads within the Shire struggled to cope with the heavy harvest traffic. Kwobrup Road was exceptionally bad and the works crew spent 8 days' cement stabilising and repairing failed section between Gnowangerup and Tieline Road. Borden Bremer Bay Road was another road that experienced large blowouts and this was a concern due the extra tourist traffic over Christmas.

All patches were addressed prior to Christmas and held up well during this time when the road traffic averages up to 500 cars per day.

The WANDRA flood damage crews are continuing to make good progress in the three sectors and only closed down for one week over Christmas. As the harvest traffic has stopped, the crews have moved back to the heavier traffic higher category roads.

There have been five new additions to school bus routes this year, all assessments were completed, and new signs and pickup areas have been organised prior to the school term starting.

The shoulder widening earth works on Ongerup-Pingrup Road are nearly complete and bitumen sealing will take place in the second week of February. Some sections of the road were cement stabilised by Western Stabilisers due to the poor quality of the subgrade and base course and this will protect the new seal and prevent ongoing maintenance costs.

Waste Management

During October the works department took delivery of the new Cat 299 compact track loader and some of its various attachments (slasher, broom, brush grapple, and 4 in 1 bucket).

This versatile machine will be used by the both the construction and drainage crews and was immediately put to work with the construction crew conducting clearing on the Borden Bremer Bay Road. So far, the machine performed as we expected but as with any new machine it will be monitored closely over the coming months.

After some site investigation and small amount of rehabilitation work was undertaken at the landfills in Borden and Ongerup, we were able to re-use old landfill areas. The result is an estimated 7 to 12-year increase in the lifespan of each site.

Progress on other projects are as follows:

- Ongerup Effluent Renewal project - quotes have been received and a contractor will be appointed in November for a January 2018 start;
- New 5-year waste contract - reviewed old contract and started compiling the RFT for the new tender; and
- Completed costings for the new recycling area at the GNP landfill. Construction to start in early November.

PROJECT STATUS

<u>2017-2018 road projects</u>	<u>Council Funds</u>	<u>State/Fed</u>	<u>Total Fund</u>	<u>% Complete</u>
Regional Road Group				
Tieline Road – Reseal	\$38,000	\$76,000	\$114,000	5%
Roads to Recovery Federal				
Borden Bremer Bay Road – Reseal 6km		\$174,840	\$174,840	10%
Ongerup Pingrup Road – Widen and reseal to 6.4m		\$260,875	\$260,875	60%
Nightwell Road – Gravel resheet 4km		\$141,420	\$141,420	5%
Council Funded				
Aylmore Street – Reseal	\$11,975		\$11,975	5%
Quinn Street – Reseal	\$8,958		\$8,958	5%
Cecil Street – Reseal	\$18,847		\$18,847	5%

Airport Road – Reseal	\$52,686		\$52,686	5%
Toompup Road – Gravel sheeting 4km	\$141,540		\$141,540	
Ongerup Pingrup Road – Widen and reseal to 6.4m	\$106,000		\$106,000	10%
Boxwood Hill Ongerup Road - Repair SLK 11.6-15.79	\$186,494		\$186,494	5%

Mechanics Report

December 2017

- John Deere grader - replace burned out lights, change blades
- Komatsu grader GN.0021 - repair hydraulic hose, change hydraulic oil, replace
- John Deere grader - change blades, check air pressure all tyres
- Komatsu grader GN.0021 - change flat tyre
- Cat rader - 2000hour service, repair lights, fit roller attachment
- Cat loader - 4000hrs service
- John Deere backhoe Gnp – check and clean filter, top up oil, service
- Vibe roller GN.0051 - check issues with loss of power, check hydraulic pump, check pump pressure and gauges
- Iveco truck GN.0044 – replace tail light lenses, install new mud flaps
- Dolly GN.17002 – replace rear mud flaps
- Side tipper trailer GN17003 - fit/repair all rubber pads
- Hino truck GN.007 - 20,000km service
- Isuzu D-max ute GN010 – 20,000km service
- Isuzu D-max ute GN0046 – 10,000km service
- Digger trailer – replace broken hydraulic hose
- Cold planer (rotary hoe) attachment for skid steer – repair hydraulic motor leak, repair water line, install hose connector
- Fit lights and radios in two new Isuzu utes
- John Deere mower P4006 – fit new plastic chute
- Fire pump – remove broken EXP plugs
- Tandem trailer - repair broken hinges put fire tank on it
- Borden Fire truck – check fire pump electrical system

January 2018

- Komatsu grader GN.0021– repair 40-channel antenna, replace fan belt, replace air conditioner belt

- Cat grader – change flat tyre, remove bent steering rod, straighten rod and fit to grader, assist CAT technician to repair electrical fault
- John Deere backhoe Gnowangerup – check/repair control valve hydraulic leak, repair AM/FM radio, replace globes in warning lights, 2000hour service, straightened stabiliser pad and replace rubber pads
- John Deere backhoe Ongerup – 2000hour service, repair hydraulic leak, pull out steering cylinder and replace seal kit
- Case loader – drain coolant, replace water pump and belt, refill coolant, remove quick release cylinder ram, repair quick release coupler, check diff oil and brakes, drop diff oils planetary gear, replace oil
- Iveco GN.0014 – replace broken side mirror assembly, clean air filter and check over
- Iveco GN.0044 – replace broken step, fog lights, top up engine oil, grease and check over
- Dolly GN17067 – check emergency brake function and adjust all brakes, replace mud flaps
- Float GN.0057 – check & adjust all brakes, grease break mechanism, check emergence brake function and adjust all brakes, replace mud flaps, remove broken bolts, fit guide block
- Vibe roller – investigate hydraulic system, check pump pressure, diagnose hydraulic system pressure fault and roller vibrator, repairs, wash and clean, transport to Albany for repairs, discussions with SLR options for Amman roller repairs
- Isuzu truck GN.0036 – fix toolbox to back of ute
- Hino construction truck – fit fire tank
- Isuzu D-max ute GN.037 – 50,000km service
- Isuzu D-max ute GN.0016 – 30,000km service
- Isuzu D-max ute GN.0028 – 40,000km service, rotate wheels
- Isuzu D-max ute GN.051 – Check over 3,000km service
- Mazda CX9 Drs car – 30,000km service, rotate wheels, clean and wash
- P4070 post hole trailer Ongerup – repair broken mud guards and auger holder
- P6000 – repair hedge trimmer
- Repair vacuum cleaner

Ongerup Gardener

December 2017 and January 2018

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 but other duties carried out in

December and January included:

Sign maintenance installation:

Aylmore St, Oakdale Rd, Toompup Rd South, Cowellelup Rd, Ongerup Boxwood Hill Rd, Formby South Rd, Gnowangerup Jerramungup Rd creek signs, Gleeson Rd, Coucher Rd,

Borden Bremer Bay Rd, Corackerup Rd, Gleeson Rd, Toompup Rd, Gnowangerup Tip, Ongerup Tip, Stewarts Rd, Hinkley Rd.

Guide Posting:

Alymore St, Oakdale Rd, Toompup Rd South, Cowellelup Rd, Ongerup Boxwood Hill Rd, Formby South Rd, Gnowangerup-Jerry Rd, Gleeson Rd, Coucher Rd, Kwobrup Rd, Hinkley Rd.

Road verge spraying:

Borden Bremer Bay Rd, Ongerup septic ponds, rubbish tips.

- Water samples
- Verge mowing Gnowangerup town site
- Collect rubbish from Borden Bremer Bay Rd bins
- Meter readings for Western Power
- Chainsaw maintenance

December 2017

Tree removal/slashing/pruning: Jackitup Rd West, Hart Rd, Borden Bremer Bay Rd, Laurier Rd, Nightwell Rd

Bitumen patching/stabilisation: Kwobrup Rd, Nightwell Rd, Boxwood Hill Ongerup Rd, Gleeson Rd, Ongerup Pingrup Rd, Tieline Rd, Borden Bremer Bay Rd

Guide Posting: Nightwell Rd, Borden Bremer Bay Rd

Other duties included:

- Bulk rubbish collection Gnowangerup Ongerup and Borden
- Repair pipe at Gnowangerup Sporting Complex
- Clean cemetery Gnowangerup
- Dig grave Gnowangerup x 1
- Collect rubbish from Borden Bremer Bay Rd bins
- Checking bus routes
- Deliveries around town
- Collecting freight

January 2018

Tree removal/pruning/slashing: Borden Bremer Bay Road, Grocock Creek, Tie Line Road,

Guide posting: Cnr House Street and Cecil Street, Salt River Road, North Stirling Road.

Bitumen Patching: laneway behind Shire Office, Corbett St, Cecil St, Alymore St, Denny St, Quinn Street, Grocock St, Borden-Bremer Bay Rd, Ongerup Pingrup Rd, Tie Line Rd

Road verge maintenance/spraying: Gnowangerup town site, Gnowangerup depot, Whitehead Rd, Airport Road, Strathaven Rd

- Collect car from Walsh Road take to Gnowangerup landfill
- Mark out pegs on blow outs Nightwell Rd
- Clean up depot yard

- Grave digging Gnowangerup x 3
- Cleaning grates/culverts/drains Gnowangerup town site
- Clean up rubbish from creek lines in Gnowangerup town site
- Dig trench and clear trees for pipe from dam to Gnp Sporting Complex
- Preparation for Australia Day, erect flag poles, take BBQ's to Borden and setting up
- Assisting mechanic
- Gravel repairs to Borden laneways
- Ongerup landfill maintenance

Grader Movements for December 2017 & January 2018

Construction - shoulder grading - 29hrs on Borden Bremer Bay Road

Gnowangerup Grader – Maintenance Grading			
Grader	Road Name	Hours	
John 21 Days P2016	Borden-Bremer Bay Road	11	
	Highdenup Road	3	
	Hinkley Road	2	
	Jackitup Road	2	
	Kwobrup Road (Bitumen Blow-outs)	25	
	Magitup Road	6	
	New Country Road	26	
	Parker Road	9	
	Clear Hills Road	11	
	Hinkley Road	11	
	Jackitup Road	9	
	Martinup Road	10	
	Soldiers Road	19	
	Lay water pipe W856	2	
		December Total	84
		January Total	62
Ongerup Grader – Maintenance Grading			
Grader	Road Name	Hours	
Charlie 25 Days P2003	Cleveland Road	4	
	Foster Road	9	
	O'Neill Road	24	
	Peerup Road	30	
	Pendalup Road	29	
	Toompup Road South	7	
	Bridgeman Road	5	
	Cowcher Road	8	
	Foster Road	11	
	Gleeson Road	9	
	Hart Road	25	
	Rabbit Proof Fence Road	16	
	Tie Line Road	21	

	December Total	95	
	January Total	103	
Borden Grader – Maintenance Grading			
Grader	Road Name	Hours	
Tasman 25 Days P2006	Borden-Bremer Bay Road (Lay down area)	4	
	Nightwell Road	40	
	North Stirling Road	7	
	Oakdale Road	7	
	Salt River Road	2	
	Toompup Road South	8	
	Gnowellen road	6	
	North Stirling Road	25	
	Salt River Road	10	
	Sandalwood Road	25	
	Smith Road	7	
	Walsh Road	3	
		December Total	82
		January Total	68

Standpipe usage

December – 47,560ltrs

January – 21,230ltrs

Septic pump outs

December – 4,000ltrs

January – 7250ltrs

Grease trap pump outs

December – 1000ltrs

January – 1750ltrs

Septic waste from outside the Shire

December – Nil

January - Nil

Septic waste received from contractors

December – Nil

January – 7,200