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<b>4.</b>	<b>INFRASTRUCTURE REPORT</b>
<b>Location:</b>	Shire of Gnowangerup
<b>Proponent:</b>	N/A
<b>Date of Report:</b>	15 <sup>th</sup> September 2021
<b>Business Unit:</b>	Infrastructure
<b>Officer:</b>	Yvette Wheatcroft - Manager of Works
<b>Disclosure of Interest:</b>	Nil

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#### **PURPOSE OF THE REPORT**

To advise Council of the works carried out and items of interest during the month of August 2021.

#### **INFRASTRUCTURE ACTIVITIES**

Continuing rain during August has continued to hinder maintenance work. Every time there is over 6-8mm of rain we have had to close roads due to flooding. The construction crew have managed to keep as many roads open as possible. Godfrey Road, Peerup Road, and a section of Jackitup (no thru Road) remains closed until the water dries up and we can begin repairs. These roads are not eligible for the flood damage event.

We have been further hindered due to our inability to enter gravel pits without getting bogged or paddocks to collect rock. Another issue has been the sub surface water making it impossible to use a roller for compaction as it just brings the water to the surface. We will have to wait until the warmer weather and the roads dry out more.

The Shire has been accepted as part of the flood damage in the late June rain event which has been classified as AGRN973.

We have been able to engage four works crews with experience in flood damage repairs to begin four weeks of *Immediate Reconstruction Works*. We have focused on the major freight roads that will cause issues at harvest. The crews were able to begin immediately, and work has been progressing well. This work needs to be completed within three months of the flood event, so we have until the 22<sup>nd</sup> of September. We were unable to start any earlier due to the ongoing rainfall making it impossible to work on the roads.

The next stage is called Essential Public Asset Reconstruction (EPAR). This is more complicated, and each section of damage on each road needs to be costed individually and then assessed by an engineer and submitted. This quotation amount is what we will be paid by DRFAWA once the work is complete. This work will most likely be from January 2022 onwards.

## PROJECT STATUS

2021-2022 road projects	Council Funds	State/Fed	Total Fund	% Complete
<b>Roads to Recovery</b>		<b>Federal</b>		
Rabbit Proof Fence Rd – gravel sheeting		\$128,474	\$128,474	0%
Boxwood Hill Ongerup Rd - resealing		\$132,479	\$132,479	0%
Magitup Road – gravel sheeting		\$131,938	\$131,938	0%
<b>Regional Road Group</b>		<b>State</b>		
Kwobrup Road – widen and seal	\$183,600	\$367,000	\$550,600	0%
Borden Bremer Bay Rd – reseal 7km	\$60,334	\$126,666	\$187,000	0%
<b>Council Funded</b>				
Toompup South Rd – gravel sheeting	\$132,880		\$132,880	0%
Quinn Street RAV	\$72,089		\$72,089	0%
Corackerup Road – gravel resheet	\$133,630		\$133,630	0%
Gnop Tambellup Rd – pre widening works	\$42,600		\$42,600	0%

### Mechanics Report

**Borden Fire Truck GN.032** - yearly scheduled service

**John Deere Grader** - re set main electric circuit breaker - check shorted wires, pump up tyres, wash and check, replace tyre, remove exhaust muffler manifold & replace, check wiring harness, replace temperature sensor, repairs to leaking exhaust, remove broken heat exchanger

**Hino Fire Truck Ongerup GN.0017** - yearly scheduled service

**Mitsubishi Pajero (Works Manager)** - 75000 km service, change oil filter, replace fuel filter, AC filter, change diff oil, change rotate tyres, check tyre pressure & wash clean

**Isuzu Fire Truck (Gnp) GN.0024** - yearly scheduled maintenance

**Komatsu Grader (Gnp)** - replace broken step, replace blade guides

**Cat Grader (Ongerup)** – inspect rear oil leak

**Isuzu Ute (Mechanic)** - wash/clean

**Side Tipping Trailer GN.17003** – replace and clamp brakes lines and adjust all brakes

**Dolley GN.17002** - replace and clamp brakes lines, adjust brakes, greased turn tables, check all lights

**Side Tipping Trailer GN.0050** - adjust brakes

**Iveco AD500 Stralis Truck GN.0014** - drive truck to AV Truck Services in Perth for continuing fault code issues

**Husqvarna Mower (ongerup)** - pull out exhaust muffler – replace collapsed sensor

**Iveco Truck AS500 Stralis GN.0044** - check engine in limp mode, replace adblue filter, check wiring harness for shorts, check fault codes, check wiring harness for possible broken wires

### **P6000 / Sundry Plant:**

- Cleaning & sharpening blades – chainsaws and pole saw

**General Duties:**

- Sort out parts for variety of vehicles
- Drop grader ute off and check grader
- Drop off grader tyres to tyre shop
- Katanning to pick up parts for vehicles/service
- Cleaning workshop

**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 August 2021 included:****Tree Pruning /Removal:**

Eldridge Street – remove tree

**Sign Installation/Maintenance:**

Borden Bremer Bay Road – repair school bus stop sign

Xmas Farm Road – replace sign

Old Ongerup Road – repairs to T-Junction sign

Eldridge Street – remove old sign

**Other duties included:**

- Water sampling as per Health Department requirements
- Borden & Ongerup street bins for weekly rubbish collection
- Push up Ongerup and Borden Refuse Sites
- Collect public toilet supplies from Gnowangerup
- Check septic ponds – spray weeds and throw in algae pellets
- Check Toompup Dam and shift pump, remove pump from dam as per heavy rainfall forecast
- Shift grader driver
- Check and clear storm water drains around Ongerup/Borden
- Ongerup Cemetery – gardening
- Borden School – mow ovals
- Clean up around the depot

**Works and Drainage Crews**

Continual checking of roads for hazards due to rainfall. Signs continually stood up and down as rainfall affected the road surface. Pumping water from low lying areas where possible.

**Drainage Crew:**

Clear Hills Road – repairs to pipe

Cowalleup Road & Oakdale Road – checking for gravel

Chemical spraying of verges within Shire

Tidy Town clean up in Gnowangerup Townsite

**Culvert Maintenance:** Inspections and clearing of drains around the Shire

**Mowing/Slashing/Whipper snipping:** Gnowangerup town site, Airport maintenance

**Verge Maintenance:** Gnowangerup town site

**Tree Pruning / Removal:**

Clear Hills Road

Soldiers Road

Eastwood Road

Mindarabin Road

Coromup Road

Nightwell Road South

Jackel Street in Ongerup

Godfrey Road

Moore's Dam Road

Boxwood Hill-Ongerup Road

Borden town site – pruning

Ongerup town site – pruning

Gnp town site - pruning

**Gravel Patching:**

North Stirling Road

Jackitup Road

Jackitup Road North

**Bitumen Patching:**

Chillinup Road

Borden Bremer bay Road

Kelly Road

Tie Line Road

Salt River Road

**Other duties included:**

- Grease trap cleaning
- Septic tank cleaning
- Private works
- Gnowangerup Refuse Site - maintenance
- Ongerup Refuse Site - maintenance
- Road inspections around the Shire due to continuing rainfall throughout the month
- Pick up freight and deliveries
- Clean up yard around the depot
- Replace damaged street banners outside Shire Office
- Shift grader driver vehicles
- Carting gravel to Gnowangerup Depot
- Gnowangerup Sporting Complex – assist in setting up for Dr Wole's Anniversary Celebrations
- Borden & Gnowangerup Sporting Complex – deliver sand for jump pits for school carnivals
- Transport Iveco trucks for repairs to AV Trucks in Perth

## Grader Movements – working days in August 2021

<b>Gnowangerup Grader – Maintenance Grading</b>		
<b>Grader</b>	<b>Road Name</b>	<b>Hours</b>
<b>John - Gnowangerup</b> P2016	Coromup Road	6
	Maileeup Road	3
	Highdenup Road	48
	Dawson Road	7
	Kybelup Road	47
	Magitup Road	6
	Kelly Road	12
	<b>Total</b>	<b>129 hours</b>
<b>Ongerup Grader – Maintenance Grading</b>		
<b>Grader</b>	<b>Road Name</b>	<b>Hours</b>
<b>Charlie - Ongerup</b> P2003	Gleeson Road	45.5
	Rabbit Proof Fence Road	46.5
	Cowcher road	14
	<b>Total</b>	<b>106 hours</b>
<b>Borden Grader – Maintenance Grading</b>		
<b>Grader</b>	<b>Road Name</b>	<b>Hours</b>
<b>Alan - Borden</b> P2006	Gnowellen Road	11.5
	Sandalwood Road	28
	North Stirling Road	7
	Back to Gnowangerup Depot	1
	<b>Total</b>	<b>47.5 hours</b>

John

- 2 days – RDO
- 1 1/2 days - sick

Charlie

- 2 days – RDO
- 3 days – sick
- 1 day – wet weather / maintenance

Alan

- 2 days – RDO
- 2 days - sick
- 3 days – assisting construction crew – carting gravel
- 3 days – assisting construction crew – traffic management signs due to wet weather
- 4 days – transporting Iveco Trucks to Perth for repairs

**Standpipe usage**

August 2021 – 8,271ltrs

**Septic pump outs**

August 2021 – nil

**Grease trap pump outs**

August 2021 – 3750 litres

**Septic waste from outside the Shire.**

August 2021 – nil

**Septic waste received from contractors.**

August 2021 – nil