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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>	12 <sup>th</sup> October 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 September 2021.

#### **INFRASTRUCTURE ACTIVITIES**

As conditions began to dry out in September the works crew were able to access more roads. We have replaced pipes and reinstated some of the roads that were the most damaged but are not covered by the flood event. We have had three contract graders assisting with maintenance grading and have had rollers following graders where possible if the conditions allowed. This work will continue into October until the roads are safe for harvest traffic, but we believe that we will have this accomplished towards the end of October. This has pushed back the construction program by a month but are planning to begin Rabbit Proof Fence Road gravel sheeting by late October.

The Shire managed to complete four weeks of *Immediate Reconstruction Works* under AGRN973 which targeted the roads which had the most damage and were of significant access to CBH bins at harvest, plus any damaged school bus runs.

#### **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**

**John Deere Grader (Borden)** - fit new heat exchange, replace gasket, O-ring, air filter, check idle pulley, replace muffler, check for oil/coolant leaks

**Iveco AS500 Stralis Truck** – check AdBlue pump wiring, top up engine oil, fix new alternator belt, pump up rear tyres

**Cat Skid Steer** - remove track pads, straighten wiper arm, remove & replace battery isolator

**Husqvarna Mower** - remove & replace muffler, top up engine oil & test mower

**Mazda CX93 Wagon (Doctors)** - 30,000km service - change oil & filters, check drive line oil/fluid level, rotate tyres wheel balance

**Isuzu Ute (Ongerup Gardener)** - 100,000km service

**John Deere Tractor (Gnp)** – fit & adjust linkage on slasher, adjust belt tension, grease

**Isuzu Small Tip Truck (Drainage)** - straighten bent tail gate, loosen tight PTO shaft linkage, grease

**John Deere Grader (Borden)** - swap blades, pump up tyres

**Komatsu Grader (Gnp)** - check oils & coolant

**Cat Grader (Ongerup)** - inspect engine oil leak

**Cat Loader** - replace broken grease fitting, top up auto greaser reservoir, 5500 hrs service - change oil filters - check drive line oil, clean air filter

**Case Backhoe Loader (Gnp)** - check over

**Dynapac Combi Roller** - check ignition switch fault, wash & clean

**Case Loader** - 750hour service - change oil & filter, replace fuel filter, water separator filter, check drive line oil fluid

**Isuzu Ute (Ongerup Grader)** - 15,000 km service, change oil, filter replace front & rear diff oil

**Hino Tip Truck (Construction Truck)** - replace battery isolator switch & batteries

**Iveco AD500 Stralis Truck** - check electrical system to try to diagnose issues with starting

**Isuzu Tip Truck (Septic Truck)** - 55,000km service, change oil & filter, replace air filter, check drive line oil, grease drive shaft

**Ammann Vibrating Roller** - check over check oil fluid & hydraulics

### **Sundry Plant:**

Push Mower – service

Deutzcher Mower – Ongerup - pull out carburettor, wash and fit back, test start

Gnp dam water pumps, service, remove carbon deposit on cylinder head, change oil & test run

### **General Duties:**

Drop Charlie to Ongerup depot - take his grader to bring back to gnp depot

Drop truck tyres off to Tyre Shop

Cleaning wash bay

Pick up Isuzu parts in Katanning

Clean & tidy workshop

Pickup parts in Albany stock including new admin oven

Pick up parts at Mazda Katanning

## **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 September 2021 included:**

#### **Sign Installation/Maintenance:**

- Tie Line Road & Kwobrup Road - erect new signs
- Kwobrup Road - erect new T Junction 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
- Shift grader driver
- 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.

Gnowangerup town site – backfill behind new kerbing in Gnowangerup

Measuring up gravel pits

Jackitup Road crossing – repair flood crossing

Walsh Road – replace pipes and headwalls

Stewart Road – repairs to flood damage crossing

Laneway behind Gnp Town Hall - repaired potholes

#### **Drainage Crew:**

Ongerup town site – line marking parking bays in three towns

Chemical spraying - all sealed roads

Hinkley Road – replace collapsed pipes

Corbett Street – rock pitching to protect drain alongside Corbett Street from further erosion on

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

#### **Mowing/Slashing/Whipper snipping:**

Formby Tanks – mow surrounds ready for event opening

Highdenup Road

Gnowangerup / Borden & Ongerup town sites

Star Building – the back yard – slashing/mowing & weeding

**Verge Maintenance:** Gnowangerup / Ongerup & Borden town sites

#### **Tree Pruning / Removal:**

Gnowangerup town site - pruning

**Gravel Patching:**

Highdenup Road

**Bitumen Patching:**

Kwobrup Road

Maileeup Road

Borden Bremer Bay Road

Quinn Street

**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 for stockpiling
- Gnowangerup, Borden & Ongerup Sporting Complex – deliver sand for top dressing of ovals
- Transport Iveco trucks for repairs to AV Trucks in Perth
- Gunther Park – weed playground and loosen sand

**GRADER MOVEMENTS – WORKING DAYS IN SEPTEMBER 2021**

<b>Gnowangerup Grader – Maintenance Grading</b>		
<b>Grader</b>	<b>Road Name</b>	<b>Hours</b>
<b>John - Gnowangerup P2016</b>	Kybelup Road	2
	Highdenup Road	29
	<b>Total</b>	<b>31 hours</b>
<b>Ongerup Grader – Maintenance Grading</b>		
<b>Grader</b>	<b>Road Name</b>	<b>Hours</b>
<b>Charlie - Ongerup P2003</b>	Rabbit Proof Fence Road	10.5
	Yates Road	7
	Cowcher Road	4.5
	Ongerup Refuse Site - maintenance	4.5
	Park Road	24
	Day Road	4
	Douglas Road	3
	P Jones Road	21
	ONeill Road	7

	Magners Road	7
	<b>Total</b>	<b>92.5 hours</b>
<b>Borden Grader – Maintenance Grading</b>		
<b>Grader</b>	<b>Road Name</b>	<b>Hours</b>
<b>Alan - Borden</b> P2006	Gravel Pit grading	1
	Sandalwood Road	6
	Mungerup Road	15
	Smith Road	2
	Salt River Road	2
	O'Meehans Road	19.5
	Six Mile Road	5
	North Stirling Road	23
	Laurier Road	27.5
	Nightwell Road	4
		<b>Total</b>

John

- 2 days – RDO
- 13.5 days - Sick
- 1 day – Public Holiday
- 1 day – Road checks due to wet weather

Charlie

- 2 days – RDO
- 2 days – Sick
- 2 day – Maintenance
- 1 day – Public Holiday

Alan

- 2 days – RDO- worked
- 1 day – Annual Leave
- 1 day – Public Holiday
- 1 days – Assisting works crew – carting gravel
- 2 days – Road Inspections due to wet weather
- 1 x day – Perth trip – transporting Iveco truck to AV Trucks for repairs

### **Standpipe usage**

September 2021 - 910 litres

### **Septic pump outs**

September 2021 – 9500 litres

**Grease trap pump outs**

September 2021 – 1000 litres

**Septic waste from outside the Shire.**

September 2021 – nil

**Septic waste received from contractors.**

September 2021 – nil