



SHIRE OF  
**Chapman Valley**  
*Love the rural life!*

# ROADS INFRASTRUCTURE COMMITTEE

**6<sup>th</sup> March 2018**  
**COUNCIL CHAMBERS NABAWA**  
**9:00AM**

## Committee Purpose & Delegations

Undertake an annual review the following:

- ~ Road Hierarchy
- ~ Road Works Program;
- ~ Heavy Haulage Vehicle Permit Roads; and
- ~ Any other works infrastructure item referred to the Committee by Council.
- ~ Review the plant replacement program
  
- ~ Delegations – Nil

**The Road Infrastructure Committee is comprised of:-**

**All Councillors – President (Presiding Member)**

<b>Chief Executive Officer</b>	<b>(Observer)</b>
<b>Deputy CEO</b>	<b>(Observer)</b>
<b>Manager Works &amp; Services</b>	<b>(Observer)</b>
<b>Works Leading Hand</b>	<b>(Observer)</b>
<b>Manager of Finance &amp; Corporate Services</b>	<b>(Observer)</b>
<b>Executive Services Administrator</b>	<b>(Minute Taker)</b>

**ROAD INFRASTRUCTURE COMMITTEE MEETING TO BE HELD IN THE COUNCIL CHAMBERS,  
NABAWA  
6<sup>th</sup> MARCH 2018 COMMENCING AT 9:00 AM**

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**ORDER OF BUSINESS**

**Note: Road Inspections will be determined at the meeting on an as-needs basis only.**

- 1.0 Election of Committee Presiding Member**
- 2.0 Declaration of Opening / Announcements of Visitors**
- 3.0 Announcements from the Presiding Member**
- 4.0 Record of Attendance**
  - 4.1 Present
  - 4.2 Apologies
- 5.0 Disclosure of Interest**

Members should fill in Disclosure of Interest forms for items in which they have a financial, proximity or impartiality interest and forward these to the Presiding Member before the meeting commences.

Section 5.60A:

*“a person has a **financial interest** in a matter if it is reasonable to expect that the matter will, if dealt with by the local government, or an employee or committee of the local government or member of the council of the local government, in a particular way, result in a financial gain, loss, benefit or detriment for the person.”*

Section 5.60B:

*“a person has a **proximity interest** in a matter if the matter concerns –  
(a) a proposed change to a planning scheme affecting land that adjoins the person’s land; or  
(b) a proposed change to the zoning or use of land that adjoins the person’s land; or  
(c) a proposed development (as defined in section 5.63(5)) of land that adjoins the person’s land.”*

Regulation 34C (Impartiality):

*“**interest** means an interest that could, or could reasonably be perceived to, adversely affect the **impartiality** of the person having the interest and includes an interest arising from kinship, friendship or membership of an association.”*

- 6.0 Petitions / Deputations / Presentations**
- 7.0 Confirmation of Minutes from previous meetings**

Road Inspection held on the 2<sup>nd</sup> March 2017

Recommend that the Notes of the Road Inspection held of the Shire of Chapman Valley held on 2<sup>nd</sup> March 2017 be confirmed as a true and accurate record of proceedings. (*Supplied under separate cover*)

- 8.0 Items to be dealt with En Bloc**

## **9.0 Agenda Items**

9.1 Review of Shire Road Hierarchy

9.2 Proposed 2016/2017 Road Works Program & Review of Ten Year Road Works Program

9.3 Review Heavy Haulage Vehicle Permit Roads

9.4 Review Plant Replacement Program

<b>DISCUSSION ITEM:</b>	<b>9.1</b>
<b>SUBJECT:</b>	<b>REVIEW OF SHIRE ROAD HIERARCHY</b>
<b>PROPONENT:</b>	<b>CHIEF EXECUTIVE OFFICER &amp; MANAGE WORKS &amp; SERVICES</b>
<b>SITE:</b>	<b>WHOLE SHIRE</b>
<b>FILE REFERENCE:</b>	<b>1002</b>
<b>PREVIOUS REFERENCE:</b>	<b>MINUTE REFERENCE 03/17-22</b>
<b>DATE:</b>	<b>6th March 2018</b>
<b>AUTHOR:</b>	<b>MAURICE BATTILANA, CHIEF EXECUTIVE OFFICER</b>

#### SUPPORTING DOCUMENTS:

Ref	Title	Attached to Report	Under Separate Cover
	NIL		

#### BACKGROUND

The purpose of this Item is to present the Committee the current endorsed *Road Hierarchy (Policy IP-006)* for discussion and review.

Council resolved the following at the March 2017 OCM:

*MOVED: CR FARRELL*

*SECONDED: CR HUMPHREY*

#### Alternative Recommendation 1

*Council endorses the Road Hierarchy Policy (IP-006) as presented with the following request:*

*i. Chief Executive Officer investigate the possibility of:*

- a) Nolba Road and Nolba Stock Route; and*
- b) Durawah/Station/Station Valentine Route*

*being consider Significant Local Government Roads and report back for further consideration on the Shire's hierarchal level of these roads.*

*Voting 6/0*

*CARRIED*

*Minute Reference: 03/17-22*

#### COMMENT

The existing Road Hierarchy (Policy IP-006) has all the roads within the Shire of Chapman Valley the local government is responsible for place into the following categories:

- A. Main Arterial Roads (Significant Roads and approved by the RRG only);
- B. Main Feeder Roads;
- C. Minor Feeder Roads;
- D. Major Access Roads; and
- E. Minor Access Roads

#### POLICY IMPLICATIONS

The Policy under review (IP-006) is shown below:

<b>POLICY NO</b>	IP-006
<b>POLICY</b>	ROAD HIERARCHY
<b>RESPONSIBLE DIRECTORATE</b>	CHIEF EXECUTIVE OFFICER
<b>PREVIOUS POLICY No.</b>	15.200
<b>LEGISLATION</b>	STATE ROAD COUNCIL / REGIONAL ROAD GROUP
<b>RELEVANT DELEGATIONS</b>	

**OBJECTIVES:**

To establish an agreed road hierarchy for roads under the control of the Shire of Chapman Valley

**POLICY STATEMENT/S:**

Following is the agreed road hierarchy for the Shire of Chapman Valley, reviewed annually at the time Council is allocating resources and funding for the forthcoming year to ensure all mitigating circumstances are taken into account and adjustments made accordingly.

<u>ROAD NO.</u>	<u>ROAD NAME</u>	<u>ROAD NO.</u>	<u>ROAD NAME</u>
<b><u>A - MAIN ARTERIAL ROADS</u></b>			
19	Balla Whelarra	130	Chapman Valley Road
34	Coronation Beach	8	Dartmoor
21	Dartmoor Lake Nerramyne	12	East Bowes
150	East Chapman	16	East Nabawa
10	Nanson Howatharra	7	Narra Tarra
131	Northampton – Nabawa	132	Yuna – Tenindewa
13	Valentine		
<b><u>B - MAIN FEEDER ROADS</u></b>			
1	Durawah	7	Naraling - East Yuna
6	Nolba Road (to Nolba Stock Route Junction)51		Nolba Stock Route
14	Station Valentine	4	Wandana
5	Wandin	95	White Peak
<b><u>C - MINOR FEEDER ROADS</u></b>			
52	Balaam	98	Baugh
68	Bella Vista	23	Bindoo
133	Calder Place	50	Cannon Whelarra
125	Coffee Pot Drive	47	Coonawa
70	David	18	East Dartmoor
151	Eliza Shaw Drive	135	Green Drive
67	Hickety	11	Indialla Road (Townsite)
37	James	94	Kerr Dartmoor
126	Mills Place	9	Murphy Norris
99	Murphy Yetna	82	Nabawa Yetna
96	Nolba Rockwell	22	North Dartmoor
39	St John	15	Station
114	Tenindewa North	97	Wheeldon - Hosking
108	Yuna South		
<b><u>D – MAJOR ROAD ACCESS</u></b>			
45	Binnu East	44	Brooks
40	Burton Williamson	42	Campbells
46	Dartmoor Harris	27	Dindiloa
35	Durawah Northern Gully	24	Forrester Brooks
100	East Terrace	20	Marrah
60	Mt Erin - Nabawa	49	Murrays
31	Newmarracarra	69	Oakajee
28	Olsen	55	Parks
121	Richardson	127	Ridley
30	South Whelarra	88	Scott
53	Urch	41	Valentine Williamson
93	Wandana Exten	128	Wokarena
<b><u>E – MINOR ACCESS ROADS</u></b>			
136	Ahern Place	75	Angels
115	Badgegong	134	Baston Close
72	Beatty Hasleby	162	Brown Lane
149	Bunter Way	112	Burges
80	Butcher Knife	178	Cahill Rise
43	Caratti	147	Carey

163	Cargeeg	154	Carol
113	Cooper St (Nanson)	177	Copperhill Junction
154	Cogley	159	CV Access (Nabawa)
61	Crabbe	140	Dillistone
143	Dixon Place	138	Dolby Place
173	Dune Vista	100	East Terrace
153	East Terrace Acc	71	Eastough Yetna
58	Fairview Farm	91	Farrells Back
160	Flavel	56	Fong
32	Forrester	124	Goodletts
105	Gould	73	Gray Dindiloa
148	Hackett	170	Harmony Place
36	Hayward	78	Heelan Maloney
79	Heelan Mellish	156	Hester
172	Hilltop Loop	63	Hipper
86	Hotel	64	Jacky Jupp
158	James Eastough Close	179	Joon Vista
139	Kennedy	144	Lacey
101	Lauder	89	Lewis
76	Lorimer	122	Marrah Spur
25	McGauran	59	McKay
26	McNaught Mazzuchelli	164	Merino Fairway
110	Mills	54	Morcom
171	Mumbelarra Drive	111	Murphy
38	Thompson-Reidy	120	Norman's Well
87	Norris	65	O'Donnell
84	Old Nabawa Northampton	107	Old Nolba
175	Patten Place	165	Parmelia Boulevard
166	Pitchford Crest	120	Post Office
66	Protheroe	167	Redcliffe
109	Reynolds	146	Rewell
121	Richardson	85	Post Office
141	Royce	129	Richards
152	River	142	Smith
106	Snell	168	Stirling
57	State Farm	117	Warr
145	Wells	176	Westlake Place
62	Whitehurst –Tetlow	123	Wicka
118	Williamson	169	Wittenoom Circle
104	Yarra		

**ADDITIONAL EXPLANATORY NOTES:**

**ADOPTED/REVIEWED (OTHER THAN ANNUAL REVIEW OF ALL POLICIES):**

<b>Adopted – Council Resolution:</b>	11/03-6	
<b>Reviewed – Council Resolution:</b>	12/02-15	03/17-22
	05/15-23	
	06/15-18	
	04/16-14	

In addition to the aforementioned Policy Council has also adopted the following Management Procedure (IMP-017) in regard to the *Road Funding Allocation Process*:

<b>MANAGEMENT PROCEDURE No.</b>	IMP-017
<b>MANAGEMENT PROCEDURE</b>	ROAD WORK FUNDING ALLOCATION PROCESS
<b>RESPONSIBLE DIRECTORATE</b>	GOVERNANCE
<b>RESPONSIBLE OFFICER</b>	CHIEF EXECUTIVE OFFICER
<b>PREVIOUS POLICY No.</b>	15.220
<b>RELEVANT DELEGATIONS</b>	

**OBJECTIVES:**

To set guidelines and procedures for categorising road hierarchy network and funding allocation priorities

**MANAGEMENT PROCEDURE STATEMENT/S:**

1. **Council review existing Road Hierarchy List based upon Councillor(s) submissions and staff recommendation(s).**
2. Council review existing Regional Road Group priorities based upon Councillor(s) submissions and staff recommendation(s).
3. Council reviews other grant programs (e.g. Black Spot, R2R) based upon Councillor(s) submissions and staff recommendation(s).
4. Taking into account the delegations under Infrastructure Policy IP-003, Council review existing Heavy Haulage Roads.
5. Council review existing Program of Road Works based Councillor(s) submissions and upon staff recommendation(s).
6. **Councillors retain the right to present, and justify, changes to any of the above either via Chief Executive Officer's report or directly to the meeting.**
7. **No changes to be made to any of the above unless fully endorsed by Council.**

**ADDITIONAL EXPLANATORY NOTES:**

**ADOPTED/REVIEWED/AMENDED (OTHER THAN ANNUAL REVIEW OF ALL PROCEDURES):**

Adopted – Council Resolution:	10/01-9
Reviewed/Amended – Council Resolution:	05/15-23; 06/15-18; 03/17-22; 03/17-32

**FINANCIAL IMPLICATIONS**

Road works is the largest expenditure component of the Shires operations, which makes it important to ensure the limited resources made available by grants and those allocated by Council to this function are maximised.

• **Long Term Financial Plan (LTFF):**

The intention is *Road Hierarchy* will complement the *Road Works Programs*, which will complement the current LTFF.

**STRATEGIC IMPLICATIONS**

It is imperative Council carefully considers where resources are allocated in future road works programs to ensure the higher priority roads are catered for. As previously mentioned, the Shire's Road Hierarchy identifies the priority roads into the following categories:

- A. Main Arterial Roads (Significant Roads and approved by the RRG only);
- B. Main Feeder Roads;
- C. Minor Feeder Roads;
- D. Major Access Roads; and
- E. Minor Access Roads

It is important the *Management Procedure IMP-007* to amend the Road Hierarchy is adhered to. This will ensure the integrity of the *Road Hierarchy* list and therefore the integrity of how Council allocates its resources to road works within the Shire.

• **Strategic Community Plan/Corporate Business Plan:**

1.3	Maintain and enhance safety and security for the community	Review safe roads and infrastructure	Continue annual review of Road Hierarchy, Road Works Program, Plant Replacement Program
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**CONSULTATION**

The Chief Executive Officer consulted with the Manager Works & Services and Works Leading Hand when reviewing the Road Hierarchy presented to Council.

**RISK ASSESSMENT**

There is a risk the integrity of the Road Hierarchy may be compromised if the conditions listed in *Management Procedure IMP-007* to amend the Road Hierarchy are not adhered to. However; this risk is considered **insignificant**.

Measures of Consequence							
Rating (Level)	Health	Financial Impact	Service Interruption	Compliance	Reputational	Property	Environment
Insignificant (1)	Negligible injuries	Less than \$1,000	No material service interruption	No noticeable regulatory or statutory impact	Unsubstantiated, low impact, low profile or 'no news' item	Inconsequential or no damage.	Contained, reversible impact managed by on site response

**VOTING REQUIREMENTS**

Simple Majority

**STAFF RECOMMENDATION**

The Road Infrastructure Committee recommends Council endorses the *Road Hierarchy Policy (IP-006)* as presented without change.



<b>DISCUSSION ITEM:</b>	<b>9.2</b>
<b>SUBJECT:</b>	<b>PROPOSED 2017/2018 ROAD WORKS PROGRAM &amp; REVIEW OF TEN YEAR ROAD WORKS PROGRAM</b>
<b>PROPONENT:</b>	<b>CHIEF EXECUTIVE OFFICER and MANAGER WORKS &amp; SERVICES</b>
<b>SITE:</b>	<b>WHOLE SHIRE</b>
<b>FILE REFERENCE:</b>	<b>1002</b>
<b>PREVIOUS REFERENCE:</b>	<b>MINUTE REFERENCE 04/16-14</b>
<b>DATE:</b>	<b>6<sup>th</sup> MARCH 2018</b>
<b>AUTHOR:</b>	<b>MAURICE BATTILANA, CHIEF EXECUTIVE OFFICER</b>

#### SUPPORTING DOCUMENTS:

Ref	Title	Attached to Report	Under Separate Cover
9.2(a)	Proposed 10 Year Road Works Program		√
	<a href="#">10 Year Road Costing Plan Estimate (Revised Nov 17).xlsx</a>		

#### BACKGROUND

The purpose of this Item is to present Councillors with a proposed 2017/2018 & Ten Year Road Works Programs for consideration.

Determination from the Road Infrastructure Committee will form a recommendation to Council for consideration and endorsement for allocation of funding and resources to the forthcoming Draft Budget.

The following item(s) have been requested for discussions:

Requested by	Item	Staff Comments
Cr T Royce	Wattle Growth Control on Road Reserves	Keeping wattle growth under control is a never-ending task. Discussion on how to deal with this issue is welcomed.

#### COMMENT

Council resolved the following at the March 2017 OCM:

*MOVED: CR WARR*

*SECONDED: CR FARRELL*

*Council endorse the 10 Year Road Works Program – 2017/2018 to 2026/2027 as presented and this Plan be used as a basis for resource allocation into the Draft 2017/2018 Budget with the understanding there may be Own Resource Projects scheduled for 2016/2017, which may need to be carried-over and completed in 2017/2018. With the following priority amendments*

- *Priority 1 – Grant funded*
- *Priority 2 – Own resource projects deferred from previous years*
- *Priority 3 – Additional own resource project*
- *Priority 4 – Maintenance works*

*Voting 5/2  
CARRIED*

*Minute Reference: 03/17-23*

#### Proposed 2018/2019 Road Works Program

Bearing in mind the possibility not all road projects scheduled for 2017/2018 may be completed due to slippages in the program of works estimated timeline, the recommended 2018/2019 Roadworks Program will always attempt to adhere to Council resolution on conditions and priorities (as per *Minute Reference 03/17-23*) i.e.

- *Priority 1 – Grant funded*
- *Priority 2 – Own resource projects deferred from previous years*
- *Priority 3 – Additional own resource project*
- *Priority 4 – Maintenance works*

However; it must be understood in reality road work maintenance at times will take precedence over other road works projects.

The Regional Road Group (RRG) projects have been approved by the Mid West Regional Road Group and formal notification has been received from Main Roads WA advising of the projects, which the Shire will be funded for in 2017/2018. Therefore, these particular projects cannot be adjusted.

Projects applied for and funding endorsed from the RRG are:

Project	Score	Total Costs	Projects Submitted	
			RRG Funds	Shire & Other Contr.
<b>Dartmoor Road</b> - Upgrade from gravel to 7.2m wide seal (SLK 13.0 to SLK 17.0)	106.08	\$ 439,500	\$ 293,000	\$ 146,500
<b>Chapman Valley Rd</b> - Shoulder Reconstruction & Minor Surface Corrections and reseal with PMB (SLK 6.00 to SLK 9.63)	100.00	\$ 430,500	\$ 287,000	\$ 143,500
<b>East Nabawa Road</b> - Upgrade from gravel to 7.2m wide seal (SLK 24.60 – SLK 27.10)	97.71	\$ 449,000	\$ 299,333	\$ 149,667
<b>Valentine Road</b> - Upgrade from gravel to 7.2m wide seal SLK 9.0 to SLK 12.0.	97.04	\$ 437,000	\$ 291,333	\$ 145,667
		<b>\$ 1,756,000</b>	<b>\$ 1,170,666</b>	<b>\$ 585,334</b>

Below is a comparison of RRG grants received over past years:

14/15	\$573,333
15/16	\$371,000
16/17	\$1,083,334
17/18	\$1,162,000
18/19	\$1,170,666

Roads to Recovery Grant (R2R) Funding for 2017/2018 is also listed below, along with funding over the four (4) year life of the Program:

Total Over Four Year Life of Programme Funding	15-16 (Actual)	16-17 (Actual)	17-18 (Current Allocation)	18-19 (Current Allocation)
\$2,156,476	\$697,621	\$734,746	\$240,000	\$235,444

#### Proposed 10 Year Road Works Program

Attached to this Item is the *10 Year Road Works Program (2018/2019 to 2027/2028)* with the ***Proposed*** 10 Year Road Works Program adding the year 2026/2027.

The CEO, Manager Works & Service (Esky Kelly) and the Works Leading Hand (Marty Elks) have reviewed the Program. The Draft Program provided has deviated from how this was presented in the past, with removal of the *Own Resource Road Works Projects* from the Summary. It was felt the Programs of the past has lifted expectations unrealistically and created angst if the specific roads listed to the dealt with as part the Program did not actually eventuate in the year specified. There is a supporting attachment which lists all Own Resource and the intention is to simply list a figure in the Summary to reflect what Own Resource projects may be attended to in any particular year, without being specific. This approach does not remove the desire and need to undertake Own Resource Project, rather removes expectations as to when these may occur.

#### **POLICY IMPLICATIONS**

The following Policies are relevant to this item:

<b>POLICY NO</b>	IP-001
<b>POLICY</b>	MIDWEST REGIONAL ROAD GROUP (MWRRG) – SIGNIFICANT ROAD POLICY
<b>RESPONSIBLE DIRECTORATE</b>	CHIEF EXECUTIVE OFFICER
<b>PREVIOUS POLICY No.</b>	15.40
<b>LEGISLATION</b>	STATE ROAD COUNCIL / REGIONAL ROAD GROUPS
<b>RELEVANT DELEGATIONS</b>	

**OBJECTIVES:**

To list roads under the control of the Shire of Chapman Valley as those recognised by the Mid West Regional Road Group as *Significant Roads*.

**POLICY STATEMENT/S:**

Roads under the control of the Shire of Chapman Valley recognised as being significant roads by the Mid West Regional Road Group are: -

- Yuna Tenindewa
- East Chapman
- Balla Whelarra
- Dartmoor
- Dartmoor Lake Nerramyne
- Northampton/Nabawa
- Coronation Beach
- Nanson Howatharra
- East Nabawa
- Chapman Valley Road (Morrell Rd to Shire southern boundary)
- East Bowes

**ADDITIONAL EXPLANATORY NOTES:**

The above list of *Significant Roads* are the only roads eligible for funding through the Mid West Regional Road Group Program.

**ADOPTED/REVIEWED (OTHER THAN ANNUAL REVIEW OF ALL POLICIES):**

<b>Adopted – Council Resolution:</b>	<b>10/01-9</b>
<b>Reviewed – Council Resolution:</b>	<b>05/15-23</b>
	<b>06/15-18; 03/17-32; 03/17-32</b>

In addition to the aforementioned Policy Council has also adopted the following Management Procedure (IMP-017) in regard to the *Road Funding Allocation Process*:

<b>MANAGEMENT PROCEDURE No.</b>	IMP-017
<b>MANAGEMENT PROCEDURE</b>	ROAD WORK FUNDING ALLOCATION PROCESS
<b>RESPONSIBLE DIRECTORATE</b>	GOVERNANCE
<b>RESPONSIBLE OFFICER</b>	CHIEF EXECUTIVE OFFICER
<b>PREVIOUS POLICY No.</b>	15.220
<b>RELEVANT DELEGATIONS</b>	

### **OBJECTIVES:**

To set guidelines and procedures for categorising road hierarchy network and funding allocation priorities

### **MANAGEMENT PROCEDURE STATEMENT/S:**

1. Council review existing Road Hierarchy List based upon Councillor(s) submissions and staff recommendation(s).
2. **Council review existing Regional Road Group priorities based upon Councillor(s) submissions and staff recommendation(s).**
3. **Council reviews other grant programs (e.g. Black Spot, R2R) based upon Councillor(s) submissions and staff recommendation(s).**
4. Taking into account the delegations under Infrastructure Policy IP-003, Council review existing Heavy Haulage Roads.
5. **Council review existing Program of Road Works based Councillor(s) submissions and upon staff recommendation(s).**
6. **Councillors retain the right to present, and justify, changes to any of the above either via Chief Executive Officer's report or directly to the meeting.**
7. **No changes to be made to any of the above unless fully endorsed by Council.**

### **ADDITIONAL EXPLANATORY NOTES:**

### **ADOPTED/REVIEWED/AMENDED (OTHER THAN ANNUAL REVIEW OF ALL PROCEDURES):**

<b>Adopted – Council Resolution:</b>	10/01-9
<b>Reviewed/Amended – Council Resolution:</b>	05/15-23; 06/15-18; 03/17-22; 03/17-32

### **FINANCIAL IMPLICATIONS**

Road works is the largest expenditure component of the Shires operations, which makes it important to ensure the limited resources made available by grants and those allocated by Council to this function are maximised.

- **Long Term Financial Plan (LTFP):**

The Proposed Road Works Programs have been structured in a way to maintain the Shire's Own Resources contribution towards the overall program irrespective of the grants received. This will complement the estimated expenditure allocation in the current LTFP.

## STRATEGIC IMPLICATIONS

It is imperative Council carefully considers where resources are allocated in future road works programs to ensure the higher priority roads are catered for. The Shires Road Hierarchy identifies the priority roads into the following categories:

- A. Main Arterial Roads (Significant Roads approved by the MWRRG only);
- B. Main Feeder Roads;
- C. Minor Feeder Roads;
- D. Major Access Roads; and
- E. Minor Access Roads

The Road Hierarchy list will be reviewed as part of the Road Infrastructure Committees purpose and is listed for discussion at Item 9.1.

### Strategic Community Plan/Corporate Business Plan:

1.3	Maintain and enhance safety and security for the community	Review safe roads and infrastructure	Continue annual review of Road Hierarchy, Road Works Program, Plant Replacement Program
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## CONSULTATION

The Chief Executive Officer conferred with the Consultant Engineer, Manager Works & Services and Works Leading Hand when developing the Road Works Programs presented to Council.

## RISK ASSESSMENT

There is a risk Council may not be able to successfully allocate enough of its own resources to appease the requirements of the Roads to Recovery (R2R) legislation due to the high level of other grant funds obtained. This will be closely monitored over the life of the R2R program.

I consider the risk associated with the Road Works Program as being **Moderate**, bearing in mind the risk is project specific, not in total across all the Road Works Program i.e.

Measures of Consequence							
Rating (Level)	Health	Financial Impact	Service Interruption	Compliance	Reputational	Property	Environment
<b>Moderate (3)</b>	Medical type injuries	\$10,001 - \$50,000	Medium term temporary interruption – backlog cleared by additional resources < 1 week	Short term non-compliance but with significant regulatory requirements imposed	Substantiated, public embarrassment, moderate impact, moderate news profile	Localised damage requiring external resources to rectify	Contained, reversible impact managed by external agencies

## VOTING REQUIREMENTS

Simple Majority

## STAFF RECOMMENDATION

The Road Infrastructure Committee recommends Council endorse the *10 Year Road Works Program – 2018/2019 to 2027/2028* as presented and this Program be used as a basis for resource allocation into the Draft 2018/2019 Budget.

<b>DISCUSSION ITEM:</b>	<b>9.3</b>
<b>SUBJECT:</b>	<b>REVIEW HEAVY HAULAGE VEHICLE PERMIT ROADS</b>
<b>PROPONENT:</b>	<b>CHIEF EXECUTIVE OFFICER &amp; MANAGE WORKS &amp; SERVICES</b>
<b>SITE:</b>	<b>WHOLE SHIRE</b>
<b>FILE REFERENCE:</b>	<b>1002</b>
<b>PREVIOUS REFERENCE:</b>	<b>MINUTE REFERENCE 03/17-24 &amp; 03/17-32</b>
<b>DATE:</b>	<b>6<sup>th</sup> MARCH 2018</b>
<b>AUTHOR:</b>	<b>MAURICE BATTILANA, CHIEF EXECUTIVE OFFICER</b>

**SUPPORTING DOCUMENTS:**

Ref	Title	Attached to Report	Under Separate Cover
	NIL		

**BACKGROUND**

The purpose of this Item is to present the Committee the current endorsed *Heavy Haulage Vehicle Permit (Policy IP-003)* for discussion and review.

Council resolved the following at the March 2017 OCM:

*MOVED: CR HUMPHREY*


*SECONDED: CR FARRELL*

*Council endorses the Heavy Haulage Vehicle Permits (IP-003) Policy and the Road Work Funding Allocation Process (IMP-017) Management Procedure to reflect the determination of variations to the RAV Network within the Shire of Chapman Valley be delegated to the Chief Executive Officer.*

*Voting 7/0  
CARRIED  
Minute Reference: 03/17-24*

**COMMENT**

Below is a copy of the current HVS RAV configurations:




# Prime Mover, Trailer Combinations

Category	VEHICLE DESCRIPTION AND CONFIGURATION CHART (RAV) – PRIME MOVER, TRAILER COMBINATIONS EXAMPLES	Axe Group Type	Length (m)	Wheel (L) Distance (m)	Height (m) (1) + (4)	Axe Groups	RAV Network
1	(A) PRIME MOVER, SEMI TRAILER TOWING A PIG TRAILER	(A)	≤20	50	44.6	(4)	4
	(B) PRIME MOVER TOWING AN OVERHEIGHT SEMI TRAILER	(B)	≤19	42.5	43.5	(5)	3
	(C) SHORT B-DOUBLE	(A)	≤20	50	44.6	(4)	4
2	(A) PRIME MOVER, SEMI TRAILER TOWING A PIG TRAILER	(A)	≤19	47.5	44.6	(4)	3
	(B) PRIME MOVER TOWING SEMI TRAILER	(A)	≤27.5	65.0	44.6	(4)	4
	(C) B-DOUBLE	(A)	≤20	42.5	43.5	(5)	3
3	(A) PRIME MOVER, SEMI TRAILER TOWING A DOG TRAILER	(A)	≤27.5	67.5	44.6	(4)	4
	(B) PRIME MOVER TOWING SEMI TRAILER	(A)	≤27.5	87.5	44.6	(4)	5
	(C) B-DOUBLE	(A)	≤20	42.5	44.6	(4)	3
4	(A) PRIME MOVER, SEMI TRAILER TOWING 6 AXLE DOG TRAILER	(A)	≤27.5	87.5	44.6	(4)	5
	(B) PRIME MOVER, SEMI TRAILER TOWING 6 AXLE DOG TRAILER	(A)	≤27.5	87.5	44.6	(4)	5
	(C) B-DOUBLE TOWING A CONVERTER DOLLY	(A)	≤27.5, ≤36.5	84	44.6	(4)	5
5	(A) PRIME MOVER, SEMI TRAILER TOWING 6 AXLE DOG TRAILER	(A)	≤27.5, ≤36.5	87.5+D	44.6	(4)	6
	(B) PRIME MOVER, SEMI TRAILER TOWING 6 AXLE DOG TRAILER	(A)	≤27.5, ≤36.5	87.5+D	44.6	(4)	5
	(C) B-TRIPLE	(A)	≤27.5, ≤36.5	87.5+D	44.6	(4)	5
6	(A) PRIME MOVER, SEMI TRAILER TOWING 6 AXLE DOG TRAILER	(A)	≤27.5, ≤36.5	87.5	44.6	(4)	5
	(B) PRIME MOVER, SEMI TRAILER TOWING 6 AXLE DOG TRAILER AND CONVERTER DOLLY	(A)	≤27.5, ≤36.5	87.5+D	44.6	(4)	6
	(C) PRIME MOVER SEMI TRAILER TOWING A 4 AXLE TRAILER & CONVERTER DOLLY	(A)	≤27.5, ≤36.5	87.5+D	44.6	(4)	6
7	(A) PRIME MOVER, TOWING SEMI TRAILER AND B-DOUBLE	(A)	≤27.5, ≤36.5	107.5	44.6	(4)	6
	(B) B-DOUBLE TOWING A DOG TRAILER	(A)	≤27.5, ≤36.5	107.5	44.6	(4)	6
	(C) B-DOUBLE TOWING A DOG TRAILER	(A)	≤27.5, ≤36.5	107.5	44.6	(4)	6
8	(A) PRIME MOVER, SEMI TRAILER TOWING 2 X DOG TRAILERS	(A)	≤36.5, ≤43.5	120.5	44.6	(4)	7
	(B) PRIME MOVER, SEMI TRAILER TOWING A DOG TRAILER AND CONVERTER DOLLY	(A)	≤36.5, ≤43.5	84+D	44.6	(4)	6
	(C) B-DOUBLE TOWING A DOG TRAILER	(A)	≤36.5, ≤44.6	107.5	44.6	(4)	6
9	(A) PRIME MOVER, SEMI TRAILER TOWING 2 X DOG TRAILERS	(A)	≤36.5, ≤43.5	127.5	44.6	(4)	7
	(B) PRIME MOVER, SEMI TRAILER TOWING 2 X DOG TRAILERS	(A)	≤36.5, ≤43.5	127.5	44.6	(4)	7
	(C) PRIME MOVER, SEMI TRAILER TOWING 2 X DOG TRAILERS	(A)	≤36.5, ≤43.5	147.5	44.6	(4)	8
10	(A) PRIME MOVER, SEMI TRAILER TOWING 2 X 6 AXLE DOG TRAILERS	(A)	≤36.5, ≤43.5	147.5	44.6	(4)	8
	(B) B-DOUBLE TOWING A CONVERTER DOLLY CONNECTED TO 2 SEMI TRAILERS	(A)	≤36.5, ≤43.5	87.5+D	44.6	(4)	6
	(C) PRIME MOVER, SEMI TRAILER TOWING B-TRIPLE	(A)	≤36.5, ≤43.5	87.5+D	44.6	(4)	6

**NOTES**

- Operators using a category of RAV outlined in this document must operate that RAV in accordance with the OPERATING CONDITIONS for that category.
- These diagrams are a visual indication of the vehicle only.
- Operators must refer to the OPERATING CONDITIONS for the full vehicle description.
- The height of the vehicle can exceed 4.3m but MUST NOT exceed 4.6m when it is: (i) built to carry livestock or (ii) carrying a crane to carry livestock or (iii) carrying vehicles on more than one deck, or (iv) carrying a mobile container or (v) carrying a large indivisible item or (vi) when operating with an appropriately licensed over height container load or intermodal trailer.
- Maximum height of Pig Trailer only.

**Heavy Vehicle Operations**  
Tel: 138 HVO (138 486)  
Email: hvo@mainroads.wa.gov.au  
Website: www.mainroads.wa.gov.au



It is obvious from the current HVS RAV Network the Shire of Chapman Valley is not as liberal with the RAV 7 Network as our neighbouring LGAs (see map below) and perhaps we need to relax our restriction in this specific area to ensure operators and producers are not compromised due to cross local government anomalies.



### POLICY IMPLICATIONS

Policy IP-003 being reviewed is shown below:

<b>POLICY NO</b>	IP-003
<b>POLICY</b>	HEAVY HAULAGE VEHICLE PERMITS
<b>RESPONSIBLE DIRECTORATE</b>	CHIEF EXECUTIVE OFFICER
<b>PREVIOUS POLICY No.</b>	15.110
<b>LEGISLATION</b>	ROAD TRAFFIC ACT, 1974 – HEAVY VEHICLE OPERATIONS
<b>RELEVANT DELEGATIONS</b>	

### OBJECTIVES:

To identify a heavy haulage route for roads under the control of the Shire of Chapman Valley.

### POLICY STATEMENT/S:

Council adopt the current approved Main Roads WA’s Restricted Access Vehicle (RAV) roads and conditions associated with approved roads within the Shire of Chapman Valley.

Procedures for the establishment of a new or amendment to an existing Heavy Haulage Route

- a. Operator applies to Shire of Chapman Valley.
- b. Shire staff inspect new route to determine suitability in accordance with basic MRWA criteria.
- c. Shire staff put recommendation to MRWA to reject or progress the application.
- d. Send application from Shire to MRWA Heavy Vehicle Services (HVS) - Route Assessment Section.
- e. MRWA Heavy Vehicle Officer (HVO) will send the application to MRWA regional office to inspect route

- and make appropriate recommendation back to MRWA Heavy Vehicle Officer (HVO).
- f. MRWA HVO reviews the route assessment then approves or rejects route and advised Shire of Chapman Valley accordingly.  
Once a route has been approved it remains relevant to all operators who then make direct application to MRWA for a permit (not to Council).

Refer to the current Main Roads WA's Restricted Access Vehicle (RAV), website (links below) for the approved list of roads within the Policy;

<https://www.mainroads.wa.gov.au/UsingRoads/HeavyVehicles/notices/Pages/pmtc.aspx>

<https://mrapps.mainroads.wa.gov.au/RavNetworkMap>

**ADDITIONAL EXPLANATORY NOTES:**

**ADOPTED/REVIEWED (OTHER THAN ANNUAL REVIEW OF ALL POLICIES):**

<b>Adopted – Council Resolution:</b>	<b>04/04-23</b>
<b>Reviewed – Council Resolution:</b>	<b>05/15-23; 06/15-18; 07/16-11;03/17-32; 03/17-22: 03/17-32</b>

In addition to the aforementioned Policy Council has also adopted the following Management Procedure (IMP-017) regarding the *Road Funding Allocation Process*:

<b>MANAGEMENT PROCEDURE No.</b>	IMP-017
<b>MANAGEMENT PROCEDURE</b>	ROAD WORK FUNDING ALLOCATION PROCESS
<b>RESPONSIBLE DIRECTORATE</b>	GOVERNANCE
<b>RESPONSIBLE OFFICER</b>	CHIEF EXECUTIVE OFFICER
<b>PREVIOUS POLICY No.</b>	15.220
<b>RELEVANT DELEGATIONS</b>	

**OBJECTIVES:**

To set guidelines and procedures for categorising road hierarchy network and funding allocation priorities

**MANAGEMENT PROCEDURE STATEMENT/S:**

1. Council review existing Road Hierarchy List based upon Councillor(s) submissions and staff recommendation(s).
2. Council review existing Regional Road Group priorities based upon Councillor(s) submissions and staff recommendation(s).
3. Council reviews other grant programs (e.g. Black Spot, R2R) based upon Councillor(s) submissions and staff recommendation(s).
4. **Taking into account the delegations under Infrastructure Policy IP-003, Council review existing Heavy Haulage Roads.**
5. Council review existing Program of Road Works based Councillor(s) submissions and upon staff recommendation(s).
6. **Councillors retain the right to present, and justify, changes to any of the above either via Chief Executive Officer's report or directly to the meeting.**
7. **No changes to be made to any of the above unless fully endorsed by Council.**

**ADDITIONAL EXPLANATORY NOTES:**



**ADOPTED/REVIEWED/AMENDED (OTHER THAN ANNUAL REVIEW OF ALL PROCEDURES):**

<b>Adopted – Council Resolution:</b>	<b>10/01-9</b>
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<b>Reviewed/Amended – Council Resolution:</b>	<b>05/15-23; 06/15-18; 03/17-22; 03/17-32</b>

**FINANCIAL IMPLICATIONS**

Road works is the largest income and expenditure component of the Shires operations, which makes it important to ensure the limited resources made available by grants and those allocated by Council to this function are maximized.

• **Long Term Financial Plan (LTFP):**

The Heavy Haulage Vehicle Permit Policy has been structured in a way to ensure each request for an upgrade the RAV rating to any particular road must go through a MRWA approved process.

There appears to be an increasing demand on the Shire road network by larger and heavier vehicles, which will no doubt have an adverse effect on the Shire roads and therefore the resources allocated by Council to roads.

**STRATEGIC IMPLICATIONS**

It is imperative Council carefully considers where resources are allocated in future road works programs to ensure the higher priority roads are catered for.

• **Strategic Community Plan/Corporate Business Plan:**

1.3	Maintain and enhance safety and security for the community	Review safe roads and infrastructure	Continue annual review of Road Hierarchy, Road Works Program, Plant Replacement Program
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**CONSULTATION**

The Chief Executive Officer conferred with the Manager Works & Services and Leading Hand when reviewing the *Heavy Haulage Vehicle Permit Roads Policy* presented to the Committee.

**RISK ASSESSMENT**

There is a risk integrity of the *Heavy Haulage Vehicle Permit Roads* is compromised if the conditions listed as how the Policy is to be reviewed are not adhered to. However; in this instance, I believe the risk is **insignificant** in this instance i.e.

Measures of Consequence							
Rating (Level)	Health	Financial Impact	Service Interruption	Compliance	Reputational	Property	Environment
<b>Insignificant (1)</b>	Negligible injuries	Less than \$1,000	No material service interruption	No noticeable regulatory or statutory impact	Unsubstantiated, low impact, low profile or 'no news' item	Inconsequential or no damage.	Contained, reversible impact managed by on site response

**VOTING REQUIREMENTS**

Simple Majority

**STAFF RECOMMENDATION**

The Road Infrastructure Committee recommends Council endorses the *Heavy Haulage Vehicle Permits (IP-003)* Policy as presented without change.

<b>AGENDA ITEM:</b>	<b>9.4</b>
<b>SUBJECT:</b>	<b>REVIEW PLANT REPLACEMENT PROGRAM</b>
<b>PROPONENT:</b>	<b>CHIEF EXECUTIVE OFFICER &amp; MANAGE WORKS &amp; SERVICES</b>
<b>SITE:</b>	<b>WHOLE SHIRE</b>
<b>FILE REFERENCE:</b>	<b>1018.00</b>
<b>PREVIOUS REFERENCE:</b>	<b>MINUTE REFERENCE 03/17-25</b>
<b>DATE:</b>	<b>6<sup>th</sup> MARCH 2018</b>
<b>AUTHOR:</b>	<b>MAURICE BATTILANA, CHIEF EXECUTIVE OFFICER</b>

#### SUPPORTING DOCUMENTS:

Ref	Title	Attached to Report	Under Separate Cover
9.4(a)	Proposed Plant Replacement Program		√
	<a href="#">2018-2019 Proposed 10 Year Plant Replacement Program (revised Nov 2017).xls</a>		

#### DISCLOSURE OF INTEREST

Nil

#### BACKGROUND

The Shire's *Plant Replacement Program* is reviewed annually to assist with the development of the Annual Budget for the forthcoming year. This review is also to take into account the effect of the Long Term Financial Plan (LTFP) which has plant replacement as an aspect to its overall costs estimates within the Plan.

Council resolved the following at the March 2017 OCM:

*MOVED: CR HUMPHREY*

*SECONDED: CR FARRELL*

*Council endorses the Proposed Plant Replacement Program presented with the following amendments and request the Chief Executive Officer use this Plan as a basis for resources to be allocated in the forthcoming budget:*

- a) *Asset No 405 – Toyota Landcruiser 4x4*
  - i. *Amend year of manufacture to 2004;*
  - ii. *Note change-over vehicle could be new or second-hand and to be of a suitable make/model to be towed behind Grader; and*
  - iii. *Increase Purchase amount (before trade) from \$30,000 to \$50,000.*

- b) *Asset No 331 – Volvo Loader*

- i. *Note change-over specifications for new loader to have Integrated Tool capabilities.*

*Voting 7/0  
CARRIED*

*Minute Reference: 03/17-25*

#### COMMENT

A recent fair value review of the Shire's Plant & Equipment indicated Council' standard of plant is high in comparison to similar type and sized local government authorities. Though such an outcome is welcomed it is important Council is mindful of not letting the life and standard of key items of plant and equipment to extend to the point this effects the organisations operational needs.

#### STATUTORY ENVIRONMENT

Not relevant

## POLICY IMPLICATIONS

At the time the Policies and Procedures were reviewed in March 2017 (Minute Ref 03/17-32) the Management Procedure relating to Plant & Vehicle Replacement (IMP-002) was removed as this was covered in the purpose of the *Road Infrastructure Committee* i.e.

*Undertake an annual review the following:*

- ~ Road Works Program;
- ~ Road Hierarchy;
- ~ Heavy Haulage Vehicle Permit Roads; and
- ~ Any other works infrastructure item referred to the Committee by Council.
- ~ **Review the plant replacement program**

## FINANCIAL IMPLICATIONS

It is important Council annually review its *Plant Replacement Program* to ensure an informed decision-making process is evident when allocating resources in both the Long Term Financial Plan and the Annual Draft Budget for the change-over/upgrading of Council's plant & equipment.

### • Long Term Financial Plan (LTFP):

Any amendment to the Plant Replacement Program will affect the LTFP and any decision to do so will flow on as part of the review of the LTFP.

## STRATEGIC IMPLICATIONS

It is strategically sound for Council to have a robust and realistic Plant Replacement Program.

### Strategic Community Plan/Corporate Business Plan:

1.3	Maintain and enhance safety and security for the community	Review safe roads and infrastructure	Continue annual review of Road Hierarchy, Road Works Program, Plant Replacement Program
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## CONSULTATION

The Chief Executive Officer consulted with the Manager Works & Services and Leading Hand when developing the Proposed Plant Replacement Program presented to Council.

## RISK ASSESSMENT

There is a risk with the *Current & Proposed Plant Replacement Programs* extending the optimum life of plant before change-overs are scheduled resulting in the maintenance component of Council plant operating costs increasing. However; I believe the current risk is **minor** at this stage i.e.

Measures of Consequence							
Rating (Level)	Health	Financial Impact	Service Interruption	Compliance	Reputational	Property	Environment
Minor (2)	First aid injuries	\$1,001 - \$10,000	Short term temporary interruption – backlog cleared < 1 day	Some temporary non compliances	Substantiated, low impact, low news item	Localised damage rectified by routine internal procedures	Contained, reversible impact managed by internal response

## VOTING REQUIREMENTS

Simple Majority

**STAFF RECOMMENDATION**

The Road Infrastructure Committee recommends Council endorses the *Proposed Plant Replacement Program* as presented and request the Chief Executive Officer use this Program as a basis for resources to be allocated in the forthcoming budget.

**9.0 Information Items**

Nil

**10.0 Urgent Business Approved by the Presiding Member or by s Decision of the Committee**

**11.0 Closure**