



SHIRE OF

Chapman Valley

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AGENDA

ROADS INFRASTRUCTURE COMMITTEE

17 NOVEMBER 2022

1.00pm or following Concept Forum

Commencing at Council Chambers

Nabawa

Committee Purpose & Delegations

Undertake an annual review the following:

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

Delegation – Nil

The Road Infrastructure Committee is comprised of:

All Councillors

Chief Executive Officer	(Observer)
Deputy CEO	(Observer)
Manager Works & Services	(Observer)
Works Leading Hand	(Observer)

DISCLAIMER



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Any person or legal entity who acts or fails to act in reliance upon any statement, act or omission made in a Council Meeting does so at that person's or legal entity's own risk.

The Shire of Chapman Valley warns that anyone who has any application or request with the Shire of Chapman Valley must obtain and should rely on WRITTEN CONFIRMATION of the outcome of the application or request of the decision made by the Shire of Chapman Valley.

A handwritten signature in black ink, appearing to read 'Jamie Criddle', written in a cursive style.

Jamie Criddle
CHIEF EXECUTIVE OFFICER

**ROAD INFRASTRUCTURE COMMITTEE MEETING
1.00PM – 17 NOVEMBER 2022
COUNCIL CHAMBERS, NABAWA**

ORDER OF BUSINESS

1.0 Presiding Member (President)

2.0 Declaration of Opening / Announcements of Visitors

I would like to acknowledge the traditional owners of the land we are meeting on today, the Naaguja people, and we pay our respects to elders both past, present and emerging.

3.0 Announcements from the Presiding Member (President)

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 Infrastructure Committee Meeting held on 21 February 2022

Recommend that the Minutes of the Road Infrastructure Committee Meeting held on the 21ST February 2022 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 & Future Road Program

DISCUSSION ITEM:	9.1
SUBJECT:	REVIEW OF SHIRE ROAD HIERARCHY & FUTURE ROAD PROGRAM
PROPONENT:	CHIEF EXECUTIVE OFFICER & MANAGER WORKS & SERVICES
SITE:	WHOLE SHIRE
FILE REFERENCE:	1002
PREVIOUS REFERENCE:	MINUTE REFERENCE RIC 02/22-2
DATE:	10 NOVEMBER 2022
AUTHOR:	JAMIE CRIDDLE, CHIEF EXECUTIVE OFFICER

SUPPORTING DOCUMENTS:

Ref	Title	Attached to Report	Under Separate Cover
9.1	Road Hierarchy Procedure (IMP-025)		✓
9.1(a)	Proposed 10 Year RW Prog (2022)		✓
9.1(b)	Final Unconfirmed Minutes RIC Feb 2022		✓

BACKGROUND

At the February Roads & Infrastructure Committee Meeting Council recommended and subsequently resolved to endorse the Road Hierarchy Procedure (IMP-025) without change.

MOVED: Cr Forth

SECONDED: Cr Batten

ROAD INFRASTRUCTURE COMMITTEE/STAFF RECOMMENDATION (Option 1)

The Road Infrastructure Committee recommends Council endorses the *Road Hierarchy Procedure (IMP-025)* as presented at **Attachment 9.1(a)** without change.

Voting F7/A0
CARRIED
Minute Reference RIC 02/22-2

The Road Hierarchy Procedure (IMP-025) essentially determines the priority in which roads are funded within the Shire and where Councils resources should be directed.

The current Shire of Chapman Valley endorsed roads/routes under the Roads 2040 Strategies for Significant Local Government Roads in the Mid West Region are as follows:

- Coronation Beach Road
- Balla Whelarra Road
- Dartmoor/Dartmoor Lake Nerramyne Route
- Durawah Road/Station Road (between Durawah & Station Valentine Rd Junctions)/Station Valentine Route
- Chapman Valley Road
- East Bowes Road
- East Chapman Road
- East Nabawa Road
- Narra Tarra Road
- Northampton Nabawa Road
- Valentine Road
- Yuna Tenindewa Road

COMMENT

The existing *Road Hierarchy Procedure (IMP-025)* 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

Recent above average rainfall years, along with the Cyclone Seroja event and numerous large/heavy rainfall events have placed undue stress on our gravel road infrastructure. Complaints on the condition of Council Roads are not uncommon for this time of year, particularly with during above average harvest conditions over the past few years, increasing vehicle movements.

Recent decisions by Main Roads to allow Heavy Vehicle Combinations (RAV 7) access along Chapman Valley Road as well as Council approval to allow RAV 6 or higher combinations on nearly 40 of Councils roads in the network, where the roads are barely designed to suit RAV 4 vehicles make it extremely hard to maintain the existing road infrastructure. Put simply, progress in farming technology and economic incentives via CBH have changed the way that grain and farming inputs are carted on infrastructure that has not kept up to these advances.

Below is a copy of the current HVS RAV configurations:

2016 Prime Mover, Trailer Combinations

Heavy Vehicle Services

VEHICLE DESCRIPTION AND CONFIGURATION CHART (RAV) – PRIME MOVER, TRAILER COMBINATIONS EXAMPLES		Axle Spacing Table	Length (m)	Mass (T) <small>Maximum Gross</small>	RAV Network
Category 1	(A) PRIME MOVER, SEMI TRAILER TOWING A PIG TRAILER (B) PRIME MOVER TOWING AN OVERHEIGHT SEMI TRAILER (C) SHORT B-DOUBLE (D) TWINSTEER PRIME MOVER TOWING SEMI TRAILER	(A) A (B) A (C) A (D) A	≤20 ≤19 ≤20 ≤19	50 42.5 50 47.5	Network 1
Category 2	(A) PRIME MOVER, SEMI TRAILER TOWING A PIG TRAILER (B) PRIME MOVER TOWING SEMI TRAILER (C) B-DOUBLE (D) SHORT B-TRIPLE (E) CAR CARRIER SEMI TRAILER	(A) A (B) A (C) A (D) A (E) A	≤27.5 ≤20 ≤27.5 ≤27.5 ≤25	66.5 47.5 67.5 67.5 42.5	Network 2
Category 3	(A) PRIME MOVER, SEMI TRAILER TOWING A DOG TRAILER	(A) A	≤27.5	84	Network 3
Category 4	(A) PRIME MOVER, SEMI TRAILER TOWING 8 AXLE DOG TRAILER	(A) A	≤27.5	87.5	Network 4
Category 5	(A) PRIME MOVER, SEMI TRAILER TOWING A DOG TRAILER (B) PRIME MOVER, SEMI TRAILER TOWING A DOG TRAILER AND CONVERTER DOLLY (C) B-DOUBLE TOWING A CONVERTER DOLLY (D) B-TRIPLE	(A) A (B) B (C) A (D) A	>27.5, ≤36.5 >27.5, ≤36.5 >27.5, ≤36.5 >27.5, ≤36.5	84 84+0 87.5+0 84	Network 5
Category 6	(A) PRIME MOVER, SEMI TRAILER TOWING 6 AXLE DOG TRAILER (B) B-TRIPLE (C) PRIME MOVER SEMI TRAILER TOWING A 6 AXLE TRAILER & CONVERTER DOLLY	(A) A (B) A (C) A	>27.5, ≤36.5 >27.5, ≤36.5 >27.5, ≤36.5	87.5 87.5 87.5+0	Network 6
Category 7	(A) PRIME MOVER, TOWING SEMI TRAILER AND B-DOUBLE (B) B-DOUBLE TOWING A DOG TRAILER	(A) A (B) A	>27.5, ≤36.5 >27.5, ≤36.5	107.5 107.5	Network 7
Category 8	(A) PRIME MOVER, SEMI TRAILER TOWING 2 X DOG TRAILERS (B) PRIME MOVER, SEMI TRAILER TOWING A DOG TRAILER AND CONVERTER DOLLY (C) B-DOUBLE TOWING A DOG TRAILER (D) PRIME MOVER, SEMI TRAILER TOWING A B-DOUBLE	(A) B (B) B (C) A (D) A	>36.5, ≤53.5 >36.5, ≤53.5 >36.5, ≤46 >36.5, ≤46	120.5 84+0 107.5 107.5	Network 8
Category 9	(A) PRIME MOVER, SEMI TRAILER TOWING 2 X DOG TRAILERS (B) B-DOUBLE TOWING A CONVERTER DOLLY CONNECTED TO 2 SEMI TRAILERS (C) PRIME MOVER, SEMI TRAILER TOWING B-TRIPLE (D) B-DOUBLE TOWING 2 DOG TRAILERS	(A) A (B) A (C) A (D) A (E) A (F) A	>36.5, ≤53.5 >36.5, ≤53.5 >36.5, ≤53.5 >36.5, ≤53.5 >36.5, ≤53.5 >36.5, ≤53.5	127.5 127.5 127.5 147.5 147.5 87.5+0	Network 9
Category 10	(A) PRIME MOVER, SEMI TRAILER TOWING 2 X DOG TRAILERS (B) B-DOUBLE TOWING A CONVERTER DOLLY CONNECTED TO 2 SEMI TRAILERS (C) PRIME MOVER, SEMI TRAILER TOWING B-TRIPLE (D) B-DOUBLE TOWING 2 DOG TRAILERS (E) DOUBLE ROAD TRAIN TOWING B-DOUBLE TRAILERS (F) PRIME MOVER, SEMI TRAILER TOWING A 6 AXLE DOG TRAILER AND CONVERTER DOLLY	(A) A (B) A (C) A (D) A (E) A (F) A	>36.5, ≤53.5 >36.5, ≤53.5 >36.5, ≤53.5 >36.5, ≤53.5 >36.5, ≤53.5 >36.5, ≤53.5	127.5 127.5 127.5 147.5 147.5 87.5+0	Network 10

NOTES

- Operators using a category of RAV outlined in this document must operate that RAV in accordance with the OPERATING CONDITIONS and only on the network specified.
- 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 4.3 m but MUST NOT exceed 4.8 m when it is:
 - (i) built to carry livestock or;
 - (ii) carrying a crate to carry livestock or;
 - (iii) carrying vehicles on more than one deck or;
 - (iv) carrying a multi-modal container or;
 - (v) carrying a large indivisible item or;
 - (vi) when operating with an appropriately balanced clear height contain side or partitioned trailer.
- Maximum height of Pig Trailer must not exceed 3.5m.

Heavy Vehicle Services
 Tel: 138 HVO (486)
 Email: hvs@mainroads.wa.gov.au
 Website: www.mainroads.wa.gov.au

Truck, Trailer Combinations

2016

Heavy Vehicle Services

VEHICLE DESCRIPTION AND CONFIGURATION CHART (RAV) – TRUCK, TRAILER COMBINATIONS EXAMPLES				AXIS GROUPING labels	Length (m)	Mass (T) Maximum Permitted Mass	RAV Network	
Category 1	(A) TRUCK LIVESTOCK OR VEHICLE CARRIER	(B) TRUCK TOWING A PIG TRAILER	(C) TRUCK TOWING A DOG TRAILER	(D) TRUCK TOWING A CAR CARRIER TRAILER	(A) A (B) B (C) B (D) A	<12.5 ≤20 ≤20 ≤20	27.5 45.5 50 42.5	Network 1
Category 2	(A) TRUCK TOWING A 6 AXLE DOG TRAILER	(B) TRUCK TOWING A CAR CARRIER TRAILER	(C) TRUCK TOWING A 2,3,4 OR 5 AXLE DOG TRAILER		(A) A (B) A (C) B	≤25 ≤25 ≤25	67.5 42.5 64.0	Network 2
Category 7	(A) TRUCK TOWING 2 X 5 OR 6 AXLE DOG TRAILERS				(A) A	>27.5, ≤36.5	107.5	Network 7
Category 8	(A) TRUCK TOWING 2 DOG TRAILERS				(A) A	>27.5, ≤36.5	107.5	Network 8

NOTES

- Operators using a category of RAV outlined in this document must operate that RAV in accordance with the OPERATING CONDITIONS and only on the network specified.
- 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 4.3 m but MUST NOT exceed 4.6 m 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 multi-modal container or (v) carrying a large indivisible item or (vi) When operating with an appropriately licensed over height curtain side or partitioned trailer.
- Maximum height of Pig Trailer must not exceed 3.5m.

Heavy Vehicle Services
Tel: 136 HVO (464)
Email: hvs@mainroads.wa.gov.au
Website: www.mainroads.wa.gov.au

A copy of the *Road Hierarchy Procedure (IMP-025)* is provided as **Attachment 9.1(a)** under separate cover.

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

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

OBJECTIVES:

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

MANAGEMENT PROCEDURE STATEMENT/S:

- Council review existing Road Hierarchy List based upon Councillor(s) submissions and staff recommendation(s).
- Council review existing Regional Road Group priorities based upon Councillor(s) submissions and staff recommendation(s).
- Council reviews other grant programs (e.g. Black Spot, R2R) based upon Councillor(s) submissions and staff recommendation(s).
- Taking into account the delegations under Infrastructure Policy IMP-022, Council review existing Heavy Haulage Roads.
- Council review existing Program of Road Works based Councillor(s) submissions and upon staff recommendation(s).
- 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.
- No changes to be made to any of the above unless fully endorsed by Council.

With a new Chief Executive Officer in the position, it is best that a full review of the *Road Hierarchy Procedure (IMP-025)* as well as the Management Procedure (IMP-017) regarding the *Road Funding Allocation Process* be conducted (including onsite inspections of roads within the network Post Harvest to properly ascertain the extent of the review required and present the findings to the scheduled Roads & Infrastructure Committee meeting in late February. This review will also involve discussions with local landholders to gauge the changing nature of cartage routes as well as ascertaining ‘hotspots’ during particular seasons (winter washouts/harvest blowouts)

FINANCIAL IMPLICATIONS

Road Works remains 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 intention is the endorsed *Road Hierarchy* will complement the *Road Works Programs*, which will then complement the current Long Term Financial Plan (LTFP) and Asset Management Plan (AMP). The LTFP is updated annually to reflect the endorsed Road Works Program.

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 MWRRG only);
- B. Main Feeder Roads;
- C. Minor Feeder Roads;
- D. Major Access Roads; and
- E. Minor Access Roads

It is also important the process stipulated in *Corporate Management Procedure IMP-017* 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-017* 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

That the Chief Executive Officer in conjunction with the Manager for Works and Leading Hand conduct a Full Review of the *Road Hierarchy Procedure (IMP-025)* as well as the Management Procedure (IMP-017) regarding the *Road Funding Allocation Process* to be conducted post-harvest to properly ascertain the extent of the review required and present the findings to the scheduled Roads & Infrastructure Committee meeting in late February for discussion.

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

11.0 Closure