



Shire of
Chapman Valley
Love the Rural Life

ROADS INSPECTION

**MONDAY 16 MARCH 2015
COUNCIL CHAMBERS NABAWA
7:30AM**

**ROAD INSPECTION MEETING TO BE HELD IN THE COUNCIL CHAMBERS, NABAWA
MONDAY 16 MARCH 2015 AT 7:30AM**

ORDER OF BUSINESS

1.0 Record of Attendance

1.1 Present

1.2 Apologies

2.0 Road Inspection

3.0 Discussion Items

3.1 Proposed 2015/2016 and Ten Year Road Works Program

3.2 Review of Shire Road Hierarchy & Heavy Haulage Vehicle Permit Roads

4.0 General Business/Discussions

5.0 Closure

PROPOSED ITINERARY FOR ROAD INSPECTION MONDAY 16TH MARCH 2015

7.30am Meet at Council Chambers – Brief Discussion on Issues and proposed Route to be taken.

	Location	Description
1	Nabawa Yetna Rd	Corrugated section
2	Hickety Rd	Gravel Sheeting (Complaint)
3	Coronation Beach Camping Reserve	Altered Access Tracks
4	Olsen Rd/NWCH Junction	Junction location (Complaint)
5	White Peak/NWCH Junction	Junction Location (Complaint)
6	Eliza Shaw Rd	Cr Maluish Request

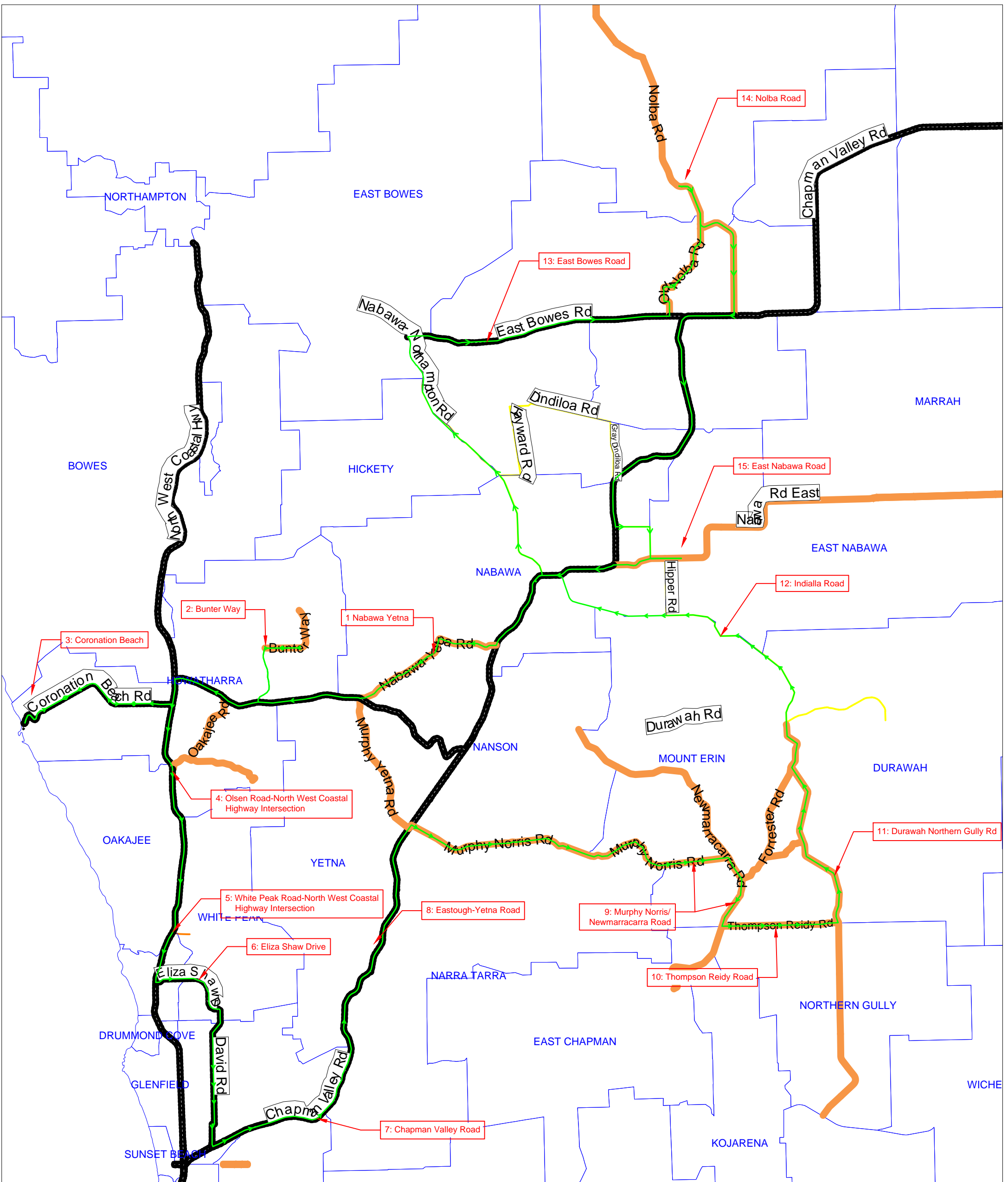
Morning Tea – Location To be Determined

7	Chapman Valley Rd	Shoulder Reconstruction
8	Eastough Yetna Rd	Complaint regarding access
9	Newmarracarra Rd	Gravel Sheeting (Bring Forward)
10	Thompson Reidy Rd	Gravel Sheeting
12	Indialla Rd	Gravel Sheeting (Bring Forward)

Lunch at Council Chambers

13	East Bowes Rd	Inspect Finished Project
14	Nolba Rd/Canon Whelarra Roads	Defer to 15/16 – C Mincherton Seal Request
15	East Nabawa Rd	Inspect current & proposed project

**Return to Council Chambers
Deal with Road Inspection Items Listed and discussed on Tour**



Shire of Chapman Valley
Road Inspection Tour 2015-2016

DISCUSSION ITEM:	3.1
SUBJECT:	PROPOSED 2015/2016 & TEN YEAR ROAD WORKS PROGRAM
PROPONENT:	CHIEF EXECUTIVE OFFICER & MANAGER WORKS & SERVICES
SITE:	WHOLE SHIRE
FILE REFERENCE:	1002
PREVIOUS REFERENCE:	NA
DATE:	16 MARCH 2015
AUTHOR:	MAURICE BATTILANA, CHIEF EXECUTIVE OFFICER

BACKGROUND

The purpose of this Item is to present Councillors with a proposed 2015/2016 & Ten Year Road Works Program for consideration.

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

COMMENT

Attached to this Item is the:

- **Current** 10 Year Road Works Program – 2014/2015 to 2023/2024; and
- **Proposed** 10 Year Road Works Program – 2015/2016 to 2024/2025.

The Proposed Program has had the recommended amendment to the Current Program highlight in **RED**.

It appears not all road projects scheduled for 2014/2015 will be completed due to slippages in time for completed projects. The following project will be deferred and prioritized for 2015/2016:

Nolba Rd	Gravel Sheeting	C Mincherton has informally approach the Leading Hand enquiring about the Shire sealing a section of the Nolba Rd adjacent to his house to reduce dust issues. This needs to be formally submitted for Council consideration. Past procedures for such request has been that the landowner covers all costs for materials (i.e. bitumen, aggregate & application costs by contractor) and the Shire covers gravel works. It is appropriate to complete the gravel works at the same time as the gravel sheeting is undertaken otherwise costs to return for the seal works alone would be excessive.
Cannon Whelarra Rd	Gravel Sheeting	This is also to be deferred as the intention was to do this work in conjunction with the Nolba Rd gravel sheeting work.
Wandana Rd	Shoulder Upgrades	It is anticipated this work will commence in 14/15 yet may not be completed by 30/6/2015. If not fully completed in 14/15 this project will continue as the first project in 15/16.

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 2015/2016. Therefore these particular projects cannot be adjusted. These projects have already been endorsed by Council when the RRG grant applications were lodged in August 2014.

Projects applied for from the RRG were:

Road	Works	SLK	Total Project Costs	Shire Resources	RRG Grant Applied for	Approved Y/N
			\$	\$	\$	
Dartmoor	Reform, improve drainage and gravel sheet	4.10 – 8.10	144,000	48,000	96,000	Y
*Valentine	Upgrade from gravel to 7m seal	0.00 – 3.00	392,500	130,833	261,667	Y

Wheeldon Hosking/Naraling East Yuna	Survey, design & land acquisition for junction realignment	0.00	20,000	6,667	13,333	Y
Total Funded RRG Projects			556,500	185,500	371,000	
East Nabawa	Survey, design & land acquisition for future upgrade from gravel to 7m seal	2.00 – 9.00	73,500	24,500	49,000	N
Yuna Tenindewa	Widen from 4m to 7m seal	14.30 – 16.30	263,000	87,667	175,333	N

* Subject to Confirmation of Grant funds being available. State Government reduction in MWRRG funds for 15/16 may result in this project not being funded

Below is a comparison of RRG grants received between 14/15 and 15/16:

- 14/15 - \$573,333 (excluding the carry over grant of \$117,986 for an unfinished 13/14 RRG project)
- 15/16 - \$371,000 (or \$109,333 if the Valentine Rd Project is not funded)

This is a reduction \$202,333 (with Valentine Rd Project funded), which can be offset by the Commonwealth Government's decision to double the Road to Recovery (R2R) grants funds allocated to all local governments in 15/16 only (i.e. an additional \$240,000 as the 15/16 R2R grant will increase from \$240,000 to \$480,000).

In the event the Valentine Rd Project is not funded then the reduction will be \$464,000, which will only partially be offset by the additional \$240,000 R2R grants funds to be received in 15/16 (i.e. overall reduction of \$224,000).

POLICY IMPLICATIONS

Council has adopted its 10 Year Road Works Program, which is a requirement of the RRG funding conditions and is required to be submitted with grant applications made to the RRG.

Council also has the following Policy in place in regards to road works:

15.30 REGIONAL ROAD GROUP (RRG) ROADWORKS GRANTS

- *Councillors are to submit suggested specific Roadwork's proposals to the Chief Executive Officer prior to annual road inspection held in March/April each year in order to allow the preparation of estimates, so that the programme can be finalised in time for grants consideration for next financial year.*
- *All forthcoming construction and maintenance projects are to be costed by contracted Shire Engineer and/or Chief Executive Officer and Works Supervisor and presented to Council at a time determined by the Regional*

15.40 ROADS OF REGIONAL SIGNIFICANCE (RRG)

Roads recognised as being of regional significance by the 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*

15.50 STANDARDS OF CONSTRUCTION

All new construction be carried out to Regional Road Group standards, except where otherwise resolved at the discretion of Council.

15.220 ROAD WORK FUNDING ALLOCATION PROCESS

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. Council review existing Heavy Haulage roads based upon Councillor(s) submissions and staff recommendation(s).
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.

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 Proposed Road Works Program has been structured in a way to maintain the Shires 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 and approved by the RRG 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 Inspection and is listed for discussion at Item 3.2.

i. **Strategic Community Plan/Corporate Business Plan:**

We need good services to support our development as a Shire	Maintain existing services and facilities	Support improved telecommunications, power, road & water services in the community
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VOTING REQUIREMENTS

Simple Majority

OPTION 1 - ROAD INSPECTION RECOMMENDATION

Council endorse the *10 Year Road Works Program – 2015/2016 to 2024/2025* as presented and this Plan be used as a basis for resource allocation into the Draft 2015/2016 Budget with the understanding there will be projects scheduled for 2014/2015, which will need to be carried-over and completed in 2015/2016.

OPTION 2 - ROAD INSPECTION RECOMMENDATION

Council endorse the *10 Year Road Works Program – 2015/2016 to 2024/2025* as presented **and with the following additional amendments** and this Plan be used as a basis for resource allocation into the Draft 2015/2016 Budget with understanding there will be projects scheduled for 2014/2015, which will need to be carried-over add completed in 2015/2016:

2015/2016 PROPOSED ROAD WORKS PROGRAM

ROAD	WORKS	LENGTH	EST. COST	FUNDING SOURCES				
				SHIRE	RRG/SBS	R2R	DIRECT	OTHER
Valentine	Upgrade to 7m Seal	3.00	\$392,500	\$130,833	\$261,667			
Yuna Tenindewa	Widen from 4m to 7m Seal	2.00	\$263,000	\$0		\$263,000		
Chapman Valley	Surface Correction & Reseal	9.64	\$0	\$0				
Wheeldon Hosking/East Naraling Rd	Junction Realignment (Design Only)	0.00	\$20,000	\$6,667	\$13,333			
2014/2015 Projects C/Fwd	2014/2015 Projects C/Fwd		\$271,208	\$271,208				
Durawah road	Gravel Sheeting	4.00	\$184,000	\$0		\$184,000		
Wandana	Gravel Sheeting	4.00	\$184,000	\$151,000		\$33,000		
Parkfalls Estate	Gravel Shoulder Improvements	2.00	\$110,000	\$110,000				
Hickety Road	Gravel Sheeting	3.60	\$165,600	\$165,600				
Nabawa Yetna	Minor Gravel Repairs	1.00	\$46,000	\$46,000				
Indialla Rd	Gravel Sheeting	4.00	\$184,000	\$184,000				
East Nabawa	Gravel Sheeting (Worst Areas as determined by CEO)	4.00	\$184,000	\$184,000				
Various Roads	Vegetation Clearance & Drainage Works	0.00	\$100,000	\$100,000				
							\$92,000	
			\$2,248,308	\$1,382,308	\$371,000	\$480,000	\$92,000	\$15,000

* Subject to Confirmation of Grant funds being available. State Government reduction in MWRRG funds for 15/16 may result in this project not being funded

CURRENT - 10 Year Road Works Program -2014/2015 to 2023/2024

Year		RRG	Own Resource/Other Funding Sources	Type of work	Length SLK	Estimated Total Project Cost	Funding Sources		
							Shire	RRG	Other
First	2014/15	Dartmoor		Gravel Sheeting (13/14 Carry-Over)	4.00	\$117,986	\$0	\$117,986	
		Dartmoor		Widen from 4m to 7m Seal	4.10	\$450,000	\$150,000	\$300,000	
		Yuna Tenindewa		Widen from 4m to 7m Seal	3.00	\$335,000	\$111,667	\$223,333	
		East Nabawa		Culvert Upgrades &Widen from 4m to 7m Seal	0.30	\$75,000	\$25,000	\$50,000	
			East Bowes Road	Upgrade to 7m Seal (CLGF/MWDC)	12.20	\$1,075,871	\$108,506		\$967,365
			Valentine Road	Gravel Sheeting	4.40	\$198,333	\$198,333		
			Nolba Road	Gravel Sheeting	4.50	\$197,461	\$197,461		
			Cannon Whelarra	Gravel Sheeting	1.60	\$73,747	\$73,747		
			Wandana Road	Shoulder Upgrades	4.84	\$242,000	\$242,000		
			Bella Vista Road	Gravel Sheeting & Minor Realignment	1.50	\$116,129	\$116,129		
			Parkfalls Estate	Gravel Shoulder Improvements	1.00	\$26,694	\$26,694		
			Wheeldon Hosking/East Naraling Rd	Junction Realignment	0.00	\$133,026	\$133,026		
			Nanson Showgrounds	Internal Road Upgrades	0.00	\$26,781	\$26,781		
			Richards Road	Upgrade to 7m Seal	0.60	\$94,064	\$94,064		
			Dolbys Road	Upgrade to 7m Seal	0.60	\$89,713	\$89,713		
						\$3,251,805	\$1,593,121	\$691,319	967,365
Second	2015/16	Dartmoor		Gravel Sheeting	4.00	\$144,000	\$33,000	\$96,000	\$15,000
		Valentine		Upgrade to 7m Seal	3.00	\$392,500	\$130,833	\$261,667	
		Yuna Tenindewa		Widen from 4m to 7m Seal	2.00	\$263,000	\$87,667	\$175,333	
		Chapman Valley		Surface Correction & Reseal	9.64	\$337,400	\$112,467	\$224,933	
			Durawah road	Gravel Sheeting	3.40	\$156,400	\$156,400		
			Dolby Road	Gravel Sheeting	0.60	\$27,600	\$27,600		
			Wandana	Gravel Sheeting	4.00	\$184,000	\$184,000		
			Parkfalls Estate	Gravel Shoulder Improvements	2.00	\$50,000	\$50,000		
			Hickety Road	Gravel Sheeting	2.00	\$92,000	\$92,000		
						\$1,646,900	\$873,967	\$757,933	15,000

Third	2016/17	Dartmoor		Gravel Sheeting	4.00	\$184,000	\$46,333	\$122,667	\$15,000
		Valentine		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		East Nabawa		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
			Wandana	Gravel Sheeting	4.00	\$184,000	\$184,000		
			Murphy Norris	Gravel Sheeting	3.80	\$174,800	\$174,800		
			Parkfalls Estate	Gravel Shoulder Improvements	2.00	\$50,000	\$50,000		
			Wandin	Gravel Sheeting	3.50	\$161,000	\$161,000		
						\$1,353,800	\$816,133	\$522,667	15,000
Fourth	2017/18	Dartmoor		Gravel Sheeting	4.00	\$184,000	\$46,333	\$122,667	\$15,000
		Valentine		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		East Nabawa		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		Yuna Tenindewa		Reseal	5.00	\$175,000	\$58,333	\$116,667	
			Wandin	Gravel Sheeting	3.50	\$161,000	\$161,000		
			McNaught Mazzuchelli	Gravel Sheeting	4.30	\$197,800	\$197,800		
			Wandana	Gravel Sheeting	4.00	\$184,000	\$184,000		
			Parkfalls Estate	Gravel Shoulder Improvements	2.00	\$50,000	\$50,000		
			Wandin	Gravel Sheeting	3.50	\$161,000	\$161,000		
			Murphy Norris	Gravel Sheeting	4.00	\$184,000	\$184,000		
						\$1,896,800	\$1,242,467	\$639,333	15,000
Fifth	2018/19	Dartmoor		Gravel Sheeting	4.00	\$184,000	\$46,333	\$122,667	\$15,000
		Valentine		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		East Nabawa		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		Yuna Tenindewa		Reseal	5.00	\$175,000	\$58,333	\$116,667	
			McNaught Mazzuchelli	Gravel Sheeting	4.30	\$197,800	\$197,800		
			Coonawa	Gravel Sheeting	4.00	\$184,000	\$184,000		
			Northern Gully	Gravel Sheeting	4.00	\$184,000	\$184,000		
			Murphy Norris	Gravel Sheeting	4.00	\$184,000	\$184,000		
			East Dartmoor	Gravel Sheeting	4.00	\$184,000	\$184,000		
						\$1,892,800	\$1,238,467	\$639,333	\$15,000

Sixth	2019/20	Dartmoor		Gravel Sheeting	4.00	\$184,000	\$46,333	\$122,667	\$15,000
		Valentine		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		East Nabawa		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		Balla Whelarra		Reseal	6.50	\$227,500	\$75,833	\$151,667	
		Coonawa		Gravel Sheeting	4.00	\$184,000	\$184,000		
		Murphy Norris		Gravel Sheeting	3.15	\$144,900	\$144,900		
		East Dartmoor		Gravel Sheeting	2.40	\$110,400	\$110,400		
		Old Northampton FloodWay		Recap Floodway	0.00	\$40,000	\$40,000		
		Northern Gully		Gravel Sheeting	4.00	\$184,000	\$184,000		
		Bella Vista		Gravel Sheeting	2.90	\$133,400	\$133,400		
		Station Valentine		Gravel Sheeting	4.50	\$207,000	\$207,000		
						\$2,015,200	\$1,325,867	\$674,333	\$15,000
Seventh	2020/21	Dartmoor		Gravel Sheeting	4.00	\$184,000	\$46,333	\$122,667	\$15,000
		Valentine		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		East Nabawa		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		Balla Whelarra		Reseal	6.50	\$227,500	\$75,833	\$151,667	
		Northern Gully		Gravel Sheeting	2.00	\$92,000	\$92,000		
		Coonawa		Gravel Sheeting	4.00	\$184,000	\$184,000		
		Nolba Stock Route		Gravel Sheeting	4.00	\$184,000	\$184,000		
		Murphy Yetna		Gravel Sheeting	3.20	\$147,200	\$147,200		
		Nabawa Yetna		Gravel Sheeting	3.20	\$147,200	\$147,200		
		Station Valentine		Gravel Sheeting	4.50	\$207,000	\$207,000		
		Wandana		Reseal		200000	\$200,000		
						\$2,172,900	\$1,483,567	\$674,333	\$15,000
Eighth	2021/22	Dartmoor		Gravel Sheeting	4.00	\$184,000	\$46,333	\$122,667	\$15,000
		Valentine		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		East Nabawa		Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		Northampton Nabawa		Reseal	6.50	\$227,500	\$75,833	\$151,667	
		Murphy Yetna		Gravel Sheeting	3.20	\$147,200	\$147,200		
		Nabawa Yetna		Gravel Sheeting	3.20	\$147,200	\$147,200		
		Nolba Stock Route		Gravel Sheeting	4.00	\$184,000	\$184,000		

		Cannon Whelarra	Gravel Sheeting	4.00	\$184,000	\$184,000		
		Station Valentine	Gravel Sheeting	4.50	\$207,000	\$207,000		
		St Johns Road	Gravel Sheeting	3.30	\$151,800	\$151,800		
					\$2,032,700	\$1,343,367	\$674,333	\$15,000
Ninth	2022/23	Dartmoor	Gravel Sheeting	4.00	\$184,000	\$46,333	\$122,667	\$15,000
		Valentine	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		East Nabawa	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		Northampton Nabawa	Reseal	6.50	\$227,500	\$75,833	\$151,667	
		White Peak	Upgrade to 7m Seal (Last Section)	3.50	\$350,000	\$350,000		
		Nolba Stock Route	Gravel Sheeting	1.50	\$69,000	\$69,000		
		Cannon Whelarra	Gravel Sheeting	4.00	\$184,000	\$184,000		
		St Johns	Gravel Sheeting	3.30	\$151,800	\$151,800		
		Newmarracarra	Gravel Sheeting	4.40	\$202,400	\$202,400		
					\$1,968,700	\$1,279,367	\$674,333	\$15,000
Tenth	2023/24	Dartmoor	Gravel Sheeting	4.00	\$184,000	\$46,333	\$122,667	\$15,000
		Valentine	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		East Nabawa	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000	
		East Chapman & Narratarra	Reseal	4.60	\$161,000	\$53,667	\$107,333	
		Cannon Whelarra	Gravel Sheeting	4.00	\$88,000	\$88,000		
		St Johns	Gravel Sheeting	3.30	\$72,600	\$72,600		
		Newmarracarra	Gravel Sheeting	4.40	\$123,200	\$123,200		
		Uch Road	Gravel Sheeting	4.00	\$112,000	\$112,000		
		Post Office Lane / River Road	seal	0.62	\$51,144	\$51,144		
		East Terrace Nanson	reseal	1.20	\$36,000	\$36,000		
		Durawah	reseal	4.00	\$112,000	\$112,000		

Per KM average cost for work types	
(Note these can vary due to culvert numbers, lead distance, alignments, location, project size, etc.)	
\$46,000	Gravel Sheetting Average
\$100,000	Reconstruct from Gravel to 7m Seal
\$117,000	Widen from 4m to 7m Seal
\$50,000	Shoulder Reconstruction
\$5	Reseal 14mil per m3

Five	2019/20	East Nabawa	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000																	
		Valentine	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000								8	Added to Program								
		Balla Whelarra	Reseal	6.50	\$227,500	\$75,833	\$151,667																	
		Coonawa	Gravel Sheeting	4.00	\$184,000	\$0	\$184,000																	
		Murphy Norris	Gravel Sheeting	5.00	\$230,000	\$174,000	\$56,000																	
		East Dartmoor	Gravel Sheeting	4.00	\$184,000	\$184,000																		
		Old Northampton FloodWay	Recap Floodway	0.00	\$40,000	\$40,000																		
		Durawah Northern Gully	Gravel Sheeting	4.00	\$184,000	\$184,000																		
		Bella Vista	Gravel Sheeting	2.90	\$133,400	\$133,400																		
		Station Valentine	Gravel Sheeting	4.50	\$207,000	\$207,000																		
		East Nabawa	Gravel Sheeting	4.00	\$184,000	\$184,000									5	To allow time for seal upgrade project to be completed on whole rd								
							\$2,173,900	\$1,382,233	\$551,667	\$240,000	\$92,000	\$0					Bal Aid 2,173,900							
				Total Grants			\$883,667																	
				% of Grants to Total Program of Works			41%																	
Six	2020/21	East Nabawa	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000																	
		Valentine	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000							8	Added to Program									
		Balla Whelarra	Reseal	6.50	\$227,500	\$75,833	\$151,667																	
		Durawah Northern Gully	Gravel Sheeting	2.00	\$92,000	\$92,000																		
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		Nolba Stock Route	Gravel Sheeting	4.00	\$184,000	\$184,000																		
		Murphy Yetna	Gravel Sheeting	3.20	\$147,200	\$147,200																		
		Nabawa Yetna	Gravel Sheeting	3.20	\$147,200	\$147,200																		
		Station Valentine	Gravel Sheeting	4.50	\$207,000	\$167,000	\$40,000																	
		Wandana	Reseal		200000	\$0	\$200,000																	
		East Nabawa	Gravel Sheeting	4.00	\$184,000	\$184,000									5	To allow time for seal upgrade project to be completed on whole rd								
							\$2,172,900	\$1,381,233	\$551,667	\$240,000	\$92,000	\$0				Bal Aid 2,172,900								
				Total Grants			\$883,667																	
				% of Grants to Total Program of Works			41%																	
Seven	2021/22	East Nabawa	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000																	
		Valentine	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000							8	Added to Program									
		Northampton Nabawa	Reseal	6.50	\$227,500	\$75,833	\$151,667																	
		Murphy Yetna	Gravel Sheeting	3.20	\$147,200	\$147,200																		
		Nabawa Yetna	Gravel Sheeting	3.80	\$174,800	\$174,800																		
		Nolba Stock Route	Gravel Sheeting	4.00	\$184,000	\$0	\$184,000																	
		Cannon Whelarra	Gravel Sheeting	4.00	\$184,000	\$184,000																		
		Station Valentine	Gravel Sheeting	4.50	\$207,000	\$207,000																		
		St Johns Road	Gravel Sheeting	5.10	\$234,600	\$178,600	\$56,000								9	Increase from 3.30 to 5.10 km and removed from 23/24								
		Durawah Northern Gully	Gravel Sheeting	3.75	\$172,500	\$172,500									10	Added to Program								
							\$2,131,600	\$1,339,933	\$551,667	\$240,000	\$92,000	\$0				Bal Aid 2,131,600								
						Total Grants			\$883,667															
				% of Grants to Total Program of Works			41%																	
Eight	2022/23	East Nabawa	Upgrade to 7m Seal	4.50	\$450,000	\$150,000	\$300,000																	
		Valentine	Upgrade to 7m Seal	3.00	\$300,000	\$100,000	\$200,000							8	Added to Program									
		Northampton Nabawa	Reseal	6.50	\$227,500	\$75,833	\$151,667																	
		White Peak	Upgrade to 7m Seal (Last Section)	3.50	\$350,000	\$350,000																		
		Nolba Stock Route	Gravel Sheeting	1.50	\$69,000	\$69,000																		
		Cannon Whelarra	Gravel Sheeting	3.00	\$138,000	-\$46,000	\$184,000																	
		St Johns	Gravel Sheeting	5.10	\$234,600	\$178,600	\$56,000								9	Increase from 3.30 to 5.10 km and removed from 23/24								
		Newmarracarra	Gravel Sheeting	4.40	\$202,400	\$202,400																		
		Naraling East Yuna	Gravel Sheeting	3.00	\$300,000	\$300,000									11	Added to Program								
							\$2,271,500	\$1,379,833	\$651,667	\$240,000	\$92,000	\$0				Bal Aid 2,271,500								
						Total Grants			\$983,667															
						% of Grants to Total Program of Works			43%															
Nine	2023/24	East Nabawa	Upgrade to 7m Seal	4.50	\$450,000	\$150,000	\$300,000																	
		Valentine	Upgrade to 7m Seal	4.35	\$300,000	\$100,000	\$200,000							8	Added to Program									
		East Chapman & Narratarra	Reseal	4.60	\$161,000	\$53,667	\$107,333																	
		Cannon Whelarra	Gravel Sheeting	4.00	\$184,000	\$184,000																		
		St Johns	Gravel Sheeting	0.00	\$0	\$0									9	Removed from 23/24 and increase distance in 21/22 & 22/23								
		Newmarracarra	Gravel Sheeting	4.40	\$202,400	\$202,400																		
		Uch Road	Gravel Sheeting	4.00	\$184,000	\$184,000																		
		Post Office Lane / River Road	Reconstruct to 7m seal standard	0.62	\$51,144	\$51,144																		
		East Terrace Nanson	Reseal	0.25	\$7,500	\$7,500																		
		Durawah	reseal	9.22	\$258,160	\$18,160	\$240,000																	
		Naraling East Yuna	Gravel Sheeting	4.00	\$184,000	\$184,000																		
		Thompson Reidy	Gravel Sheeting	5.00	\$230,000	\$230,000									12	Added to Program								
					\$2,212,204	\$1,364,871	\$607,333	\$240,000	\$92,000	\$0				Bal Aid 2,212,204										
				Total Grants			\$939,333																	
				% of Grants to Total Program of Works			42%																	
Nine	2024/25	East Nabawa	Upgrade to 7m Seal	4.50	\$450,000	\$150,000	\$300,000																	
		Coronation Beach	Reseal	7.80	\$273,000	\$91,000	\$182,000																	
		Narratarra	Reseal	3.00	\$105,000	\$35,000	\$70,000																	
		Newmarracarra	Gravel Sheeting	4.60	\$211,600	\$211,600																		
		Uch Road	Gravel Sheeting	5.50	\$253,000	\$13,000	\$240,000																	
		Naraling East Yuna	Gravel Sheeting	11.10	\$510,600	\$510,600																		
		Forrester Brooks	Gravel Sheeting	7.00	\$322,000	\$322,000									13	Added to Program								
					\$2,125,200	\$1,333,200	\$552,000	\$240,000	\$92,000	\$0				Bal Aid 2,125,200										
				Total Grants			\$884,000																	
				% of Grants to Total Program of Works			42%																	
				Ten Year Projected Total Amounts			\$21,860,238			\$13,585,954			\$5,829,284			\$2,640,000			\$920,000			\$45,000		
				Average per Year for 10 Year Program of Works			\$2,186,024			\$1,358,595			\$582,928			\$264,000			\$92,000			\$4,500		

DISCUSSION ITEM:	3.2
SUBJECT:	ROAD HIERARCHY & HEAVY HAULAGE VEHICLE PERMIT ROADS
PROPONENT:	CHIEF EXECUTIVE OFFICER & MANAGE WORKS & SERVICES
SITE:	WHOLE SHIRE
FILE REFERENCE:	1002
PREVIOUS REFERENCE:	NA
DATE:	16 MARCH 2015
AUTHOR:	MAURICE BATTILANA, CHIEF EXECUTIVE OFFICER

BACKGROUND

The purpose of this Item is to present Councillors the current endorsed Road Hierarchy and Heavy Haulage Vehicle Permit Roads for discussion and review.

COMMENT

Attached to this Item is the existing Road Hierarchy (Policy 15.200) which has all the roads within the Shire 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

Also attached is a copy of Council's current Heavy Haulage Vehicle Permit Roads (Policy 15.110). It important to note the Item 3 of *General Conditions* section of this Policy when considering any changes i.e

3. *Procedures For Establishing A New Heavy Haulage Route*
 - *Operator applies to Shire of Chapman Valley.*
 - *Shire staff inspect new route to determine suitability in accordance with basic MRWA criteria.*
 - *Shire staff put recommendation to Council to reject or progress the application.*
 - *If Council resolves to progress the application a request be forwarded to MRWA, Geraldton.*
 - *MRWA regional staff inspect route and make appropriate recommendation to MRWA Heavy Vehicle Officer (HVO).*
 - *MRWA HVO 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).*

POLICY IMPLICATIONS

In addition to the aforementioned Policies (i.e. 15.110 and 15.200) Council has also adopted the following Policy in regards to the *Road Funding Allocation Process*:

15.220 ROAD WORK FUNDING ALLOCATION PROCESS

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. *Council review existing Heavy Haulage roads based upon Councillor(s) submissions and staff recommendation(s).*
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.*

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 (LTFFP):

The Proposed Road Works Program has been structured in a way to maintain the Shires Own Resources contribution towards the overall program irrespective of the grants received. This will complement the estimated expenditure allocation in the current LTFFP.

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 Policy/Procedure 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:

We need good services to support our development as a Shire	Maintain existing services and facilities	Support improved telecommunications, power, road & water services in the community
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VOTING REQUIREMENTS

Simple Majority

ROAD INSPECTION RECOMMENDATION

Council endorses the *Road Hierarchy* and *Heavy Haulage Vehicle Permit* Policies as presented without change.

15.200 ROAD HIERARCHY

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>
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A - MAIN ARTERIAL ROADS

19	Balla Whelarra	34	Coronation Beach
8	Dartmoor	21	Dartmoor Lake Nerramyne
33	East Chapman	10	Nanson Howatharra
150	Narra Tarra	131	Northampton – Nabawa
132	Yuna – Tenindewa	13	Valentine
16	East Nabawa	12	East Bowes

B - MAIN FEEDER ROADS

1	Durawah		
17	Naraling Yuna		
6	Nolba Road (to Nolba Stock Route Junction)		
51	Nolba Stock Route	14	Station Valentine
4	Wandana	5	Wandin
95	White Peak		

C - MINOR FEEDER ROADS

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		

D – MAJOR ROAD ACCESS

45	Binnu East	44	Brooks
40	Burton Williamson	42	Campbells
46	Dartmoor Harris	27	Dindiloa
31	Durawah Northern Gully	138	Forrester Brooks
100	Indialla Road(outside townsite)	24	Marrah
60	Mt Erin Nabawa	49	Murrays
148	Newmarracarra	69	Oakajee
28	Olsen	55	Parks
121	Richardson	127	Scott
137	South Whelarra	88	Thompson Reidy
53	Urch	41	Valentine Williamson
93	Wandana Exten	128	Wokarena

E – MINOR ACCESS ROADS

30	Ahern Place	75	Angels
115	Badgegong	134	Baston Close
72	Beatty Hasleby	136	Bunter Way
112	Burges	80	Butcher Knife

43	Caratti	147	Carey
113	Cooper St (Nanson)	61	Crabbe
140	Dillistone	143	Dixon Place
20	Dolby Place	149	East Terrace
71	Eastough Yetna	58	Fairview Farm
91	Farrells Back	56	Fong
32	Forrester	124	Goodletts
105	Gould	73	Gray Dindiloa
35	Hackett	36	Hayward
78	Heelan Maloney	79	Heelan Mellish
63	Hipper	86	Hotel
64	Indialla Spur	139	Kennedy
144	Lacy	101	Lauder
89	Lewis	79	Lorimer
122	Marrah Spur	25	McGauran
59	McKay	26	McNaught Mazzuchelli
110	Mills	54	Morcom
111	Murphy	38	Nolba (North of Nolba Stock Road)
11	Norman's Well	89	Norris
65	O'Donnell	84	Old Nabawa Northampton
107	Old Nolba	120	Post Office
66	Prothro	146	Rewell
109	Reynolds	121	Richards
85	Ridley	141	Royce
129	Ryan Place	142	Smith
106	Snell	57	State Farm
117	Warr	145	Wells
62	Whitehurst Tetlow	123	Wicka Homestead
118	Williamson	104	Yarra

Policy Reviewed – Min Ref 12/02-15

15.110 HEAVY HAULAGE VEHICLE PERMITS

TIER ONE (GAZETTED) HEAVY HAULAGE ROUTES	
<p>(Note: Tier 1 Routes can vary between 27.5m or 36.m maximum vehicle length)</p> <p>The following conditions apply to all Tier 1 roads:</p> <ul style="list-style-type: none"> • Speed limit is to be 30kmph below the regulated speed limit for shire unsealed roads and 20kph below the regulated speed limit for shire sealed roads, other than townsites. • Main Roads WA will determine speed limits within the Yuna & Nabawa townsites. <p>Additional conditions relevant to specific roads all listed hereunder.</p>	
Balla Whelarra Road	Tier 1 - Gazetted (36.5m)
Morrell Road	Tier 1 - Gazetted (36.5m)
Nabawa Northampton Road	Tier 1 - Gazetted (27.5m)
Narra Tarra-Moonyoonooka Road	Tier 1 - Gazetted (36.5m)
East Chapman Road	Tier 1 - Gazetted (36.5m)
East Nabawa Road (Between Valentine & Yuna Tenindewa Road junctions only).See "Conditional Routes for balance of this road.	Tier 1 - Gazetted (27.5m)
Valentine Road	Tier 1 - Gazetted (27.5m)
Yuna Tenindewa Road (0 to 8 slk only)	
TIER TWO (CONDITIONAL) HEAVY HAULAGE ROUTES	
<p>(Note: Tier 2 Routes are for 27.5m vehicles only)</p> <p>The following conditions apply to all Tier 2 roads:</p> <ul style="list-style-type: none"> • Speed limit is to be 30kmph below the regulated speed limit for shire unsealed roads and 20kph below the regulated speed limit for shire sealed roads, other than townsites. • Main Roads WA will determine speed limits within the Yuna & Nabawa townsites. <p>Additional conditions relevant to specific roads all listed hereunder.</p>	
Cannon Whelarra ((Whole of Road Now Included)	<p>Tier 2 – Conditional</p> <p>School busses operate on this road. Operators must show courtesy to school buses and local traffic and exercise due care on school days</p> <p>Headlights must be switched on in the dipped position at all times.</p>
Coonawa Road	Tier 2 – Conditional
Dartmoor Lake Nerramyne Road	Tier 2 – Conditional
Dartmoor Road	Tier 2 – Conditional
Durawah Road	Tier 2 – Conditional
Durawah Northern Gully Road	Tier 2 – Conditional
East Bowes Road	<p>Tier 2 – Conditional</p> <p>From the Chapman Valley/ East Bowes Roads junction to the</p>

	7.70slk only.
East Dartmoor Road	Tier 2 – Conditional
East Nabawa Road (See “Gazetted Routes” for eastern section of this road)	Tier 2 – Conditional 60kph speed limit from intersection with Chapman Valley Road and Richardson Road.
Kerr Dartmoor Road	Tier 2 – Conditional
Marrah Road Section between Richardson & Naraling East Yuna Roads only. (See “Seasonal Routes” for balance of this road)	Tier 2 – Conditional
Naraling East Yuna Road	Tier 2 – Conditional
Nolba Road Section between the Chapman Valley Road to Nolba Stock Route junctions only	Tier 2 – Conditional
Nolba Stock Route Road	Tier 2 – Conditional
Richardson Road	Tier 2 – Conditional
St John Road	Tier 2 – Conditional
South Whelarra Road	Tier 2 – Conditional
Station Road	Tier 2 – Conditional
Station-Valentine Road	Tier 2 – Conditional
Tenindewa Road North	Tier 2 – Conditional
Wandana Road	Tier 2 – Conditional
Wandin Road	Tier 2 – Conditional
Wheeldon-Hosking Road	Tier 2 – Conditional
Yuna-Tenindewa Road (8slk to Mullewa Boundary)	Tier 2 – Conditional

TIER THREE (SEASONAL) HEAVY HAULAGE ROUTES (Note: Tier 3 Routes are for 27.5m vehicles only)	
Badgedong	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum speed 60km/h. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
Baugh Road	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum speed 60km/h. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions

	<ul style="list-style-type: none"> be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
Bindoo Road	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum speed 60km/h. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
Brooks Road	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum speed 60km/h. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
Dindiloa Road (Between Hayward Road and McNaught Mazzuchelli Road junctions only)	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum speed 60km/h. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
Grey-Dindiloa Road	<p>Tier 3 - Seasonal</p>

	<ul style="list-style-type: none"> • Maximum speed 60km/h. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
Hayward Road	<p>Tier 3 – Seasonal</p> <ul style="list-style-type: none"> • Maximum 30kph speed limit for the 100 metres sections before and after the causeway. • Maximum speed 60km/h for balance of route. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
McNaught-Mazzuchelli Road	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum 30kph speed limit for the 100 metres sections before and after the causeway. • Maximum 50kph for balance of this route • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.

<p>Marrah Road</p> <p>Section from Richardson Rd to Chapman Valley Road. (See “Conditional Routes” for balance of this road).</p>	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum speed 60km/h. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
<p>Norman’s Well</p>	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum speed 60km/hr. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at the same time as school buses. • This permit and conditions to be reviewed annually. • Forward Pilot Vehicle at all times. • Council reserves the right to withdraw all, or any, specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
<p>North Dartmoor</p>	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum speed 60km/h. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed

	<p>annually.</p> <ul style="list-style-type: none"> • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
<p>Nolba Rockwell Road</p>	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum speed 60km/h. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.
<p>State Farm Road</p>	<p>Tier 3 - Seasonal</p> <ul style="list-style-type: none"> • Maximum speed 60km/h. • Daylight hour use only. • If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses. • This permit and conditions be reviewed annually. • Council reserves the right to withdraw all or any specific permit as a result of adverse conditions. • Any breach of conditions will result in automatic cancellation of permit.

GENERAL CONDITIONS - RELEVANT TO ALL APPROVED HEAVY HAULAGE ROUTES

1. Heavy Haulage Stock Transport Vehicles

- Heavy haulage stock transport vehicles will be allowed up to a maximum length of 36.5m on all approved heavy haulage routes only.
- Maximum speed of 75kph, unless otherwise stipulated.
- Daylight hour use only.
- If a school bus route, heavy haulage permit vehicles are not allowed on this road at same time as school buses.

2. Other Conditions

- Council reserves the right to withdraw any specific permit due to adverse road conditions.
- A breach of any condition

4. Procedures For Establishing A New Heavy Haulage Route

- Operator applies to Shire of Chapman Valley.
- Shire staff inspect new route to determine suitability in accordance with basic MRWA criteria.
- Shire staff put recommendation to Council to reject or progress the application.
- If Council resolves to progress the application a request be forwarded to MRWA, Geraldton.
- MRWA regional staff inspect route and make appropriate recommendation to MRWA Heavy Vehicle Officer (HVO).
- MRWA HVO 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).