

BALRANALD SHIRE COUNCIL



RURAL ROAD POLICY

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POLICY TITLE: RURAL ROADS POLICY

EXPIRY DATE: This policy will come into effect from September 2005 and will be reviewed every two years from the date of approval, or at times as deemed necessary.

1. POLICY STATEMENT

This Rural Road Policy establishes

- A Road hierarchy;
- Road standards of construction;
- Maintenance standards and
- Rural road inspection frequencies

The “road pavement” shall be defined as the total constructed width of a carriageway or formation including sealed and unsealed pavements, tabledrains, structures across roads, delineation and signage.

The Policy guides a strategic approach being taken to the development and management of the road network. This should ensure that Council maximises the effectiveness of funding available and minimise exposure to liabilities associated with the maintenance and repair of road pavements.

2. OBJECTIVES

To establish

- guidelines for road management and road construction on the rural road network and
- inspection frequencies for rural roads to prioritise maintenance works.

3. ROAD HIERARCHY

3.1 Road Hierarchy Definition

Council’s Road Hierarchy is based on a 5-tier system of Rural Local, Rural Access, Tourist, Rural Collector Roads and Euston Settlement. Rural Collector Roads being the highest and more important category. The Road Classifications were determined by traffic volumes and types of usage within the area.

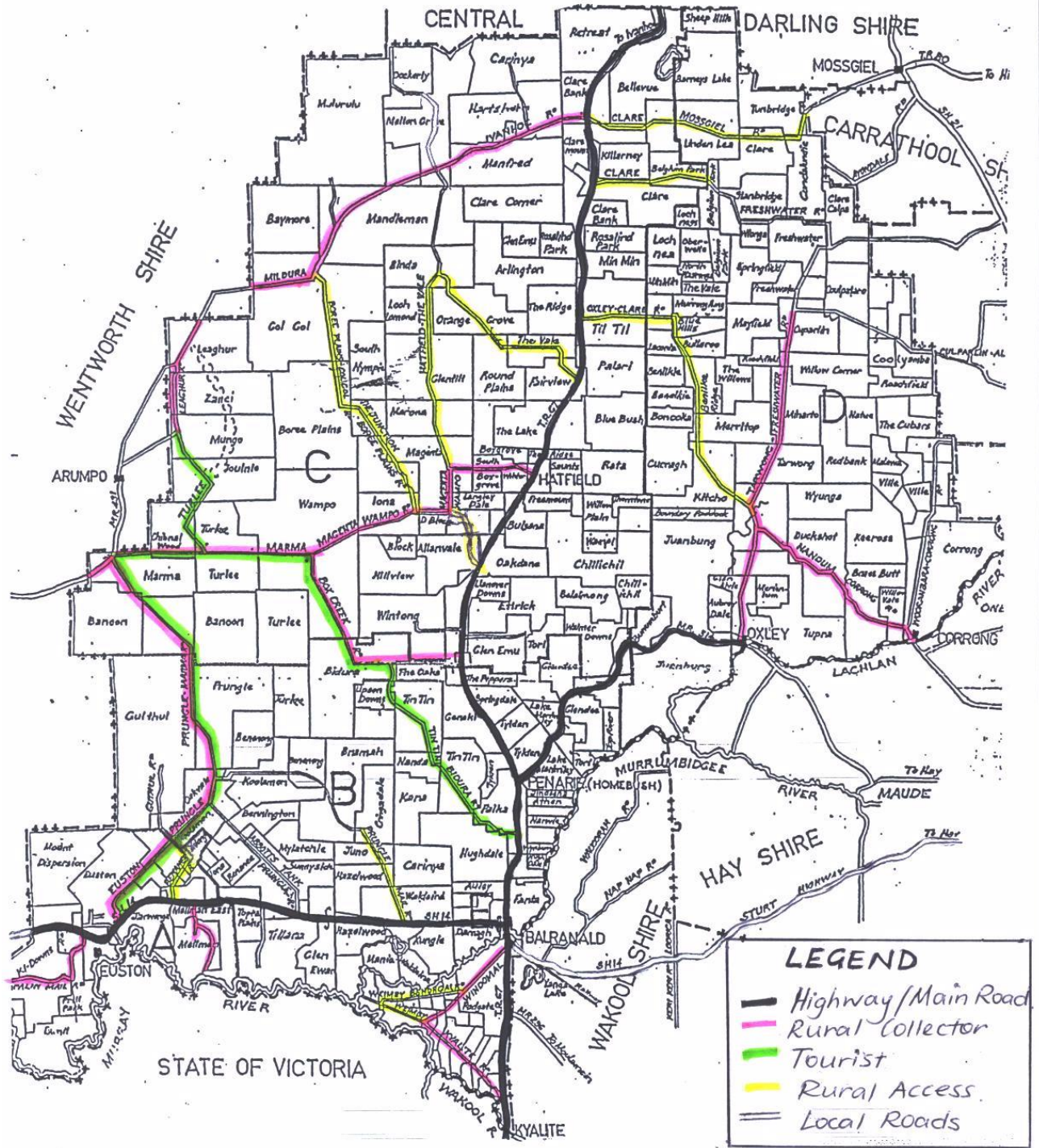
The table below provides the definitions of Rural Local, Rural Access, Tourist, Rural Collector Roads and Euston Settlement.

Classification	Definition	Accessibility
(a) Rural Local	Primarily provides access to property or a small number of dwellings.	Generally dry Weather Only
(b) Rural Access	Provides access to a number of dwellings or extensive agricultural activity	Generally All Weather Access
(c) Tourist	The link to the tourist facility or attraction. It provides the non-local	Generally All Weather Access

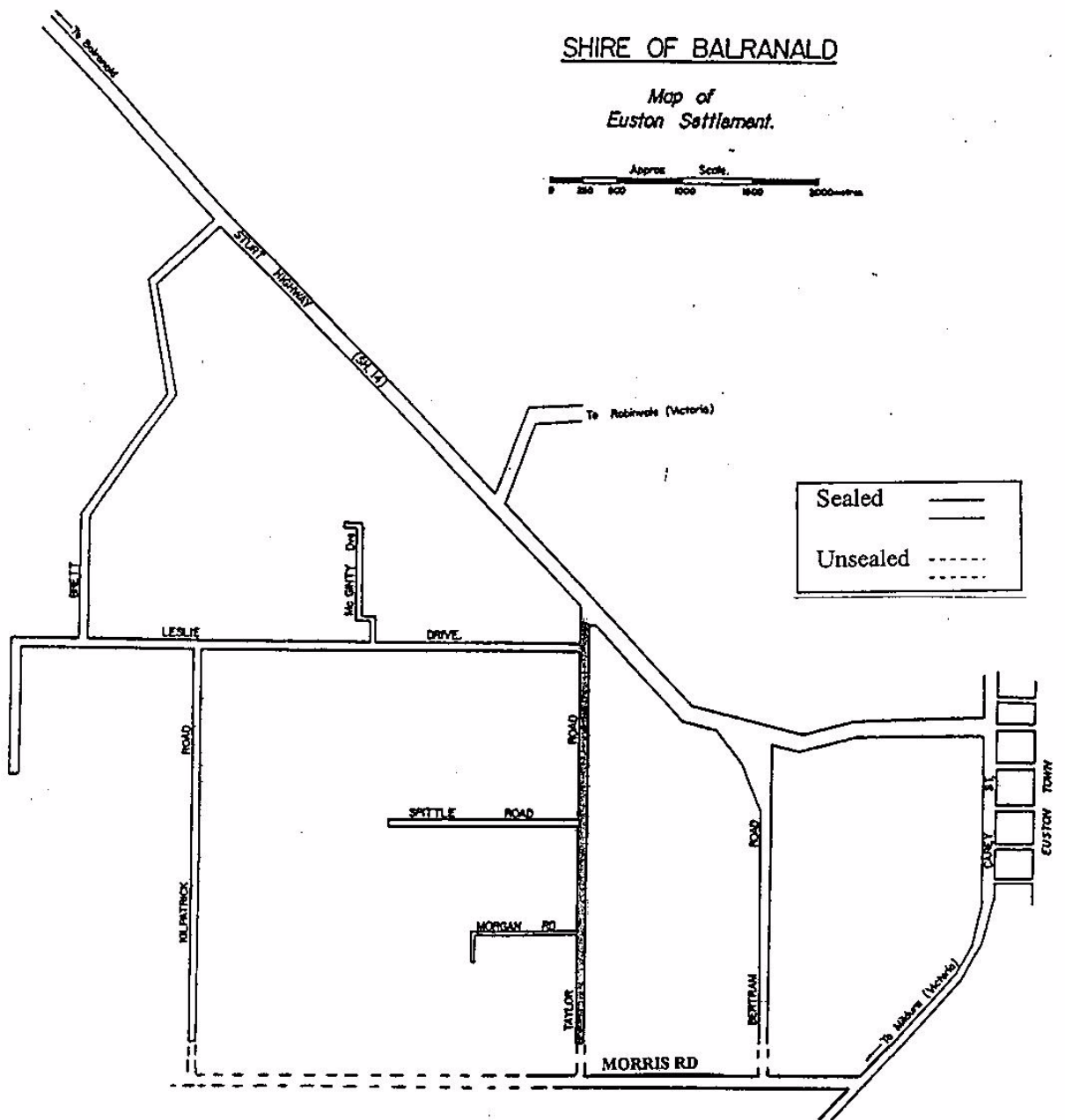
	tourist with a predictable reliable path.	
(d) Rural Collector	The link between rural areas and centres of business not directly served by the Main Road System.	Generally all Weather Access
(e)Euston Settlement	Primarily provides access to intensive agriculture businesses and storage depots.	All Weather Access

3.1 Road Hierarchy Maps

Balranald Shire Council Road Network



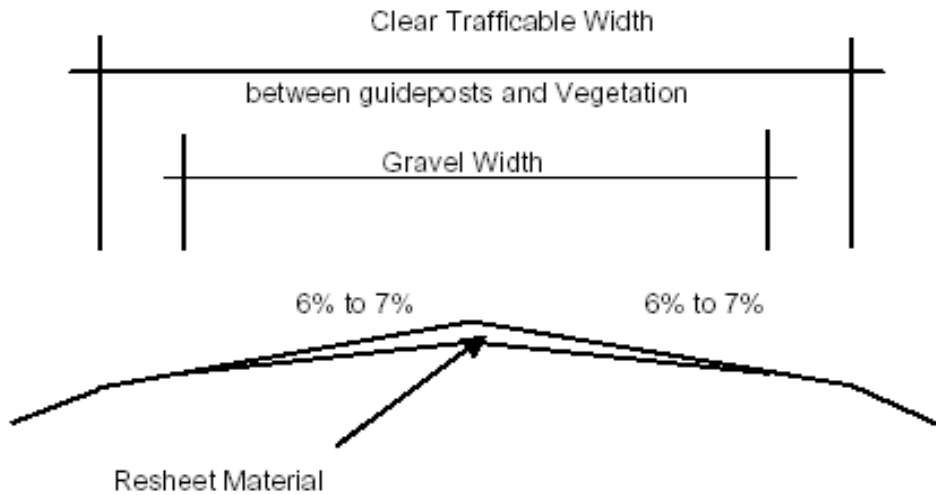
REVISIONS	MAP OF EUSTON SETTLEMENT	BALRANALD SHIRE		
		SCALE	DRAWN. Malcolm Barry 15th October 1992.	APPROVED.
	JOB N°	PLAN N° 903-E		



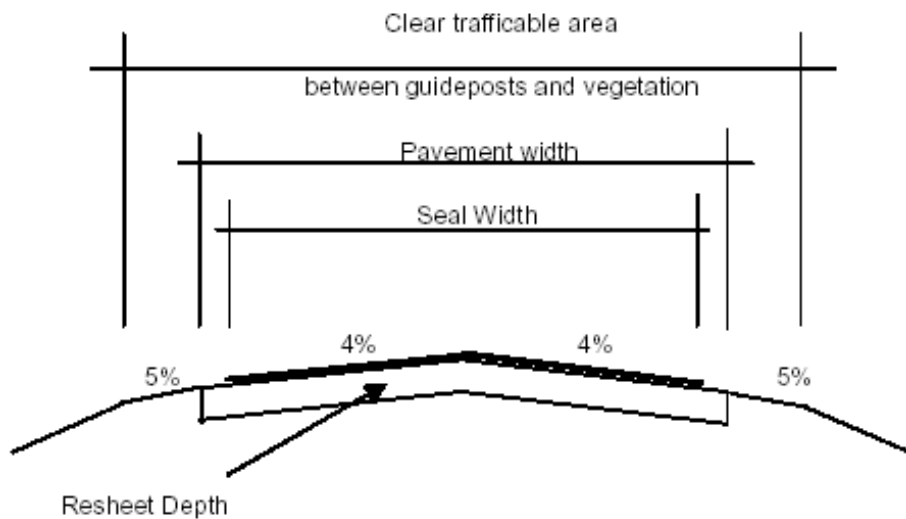
4. ROAD STANDARDS OF CONSTRUCTION

The design and construction standard of each class is related to the volume of traffic expected, the travel speeds of the expected traffic and the importance of the journey.

UNSEALED ROAD DESIGN STANDARD



SEALED ROAD DESIGN STANDARD



The construction standards for the road classes are as follows:

Rural Local Roads

Design speed	80km/hr
Clear trafficable width	6.0m
Drainage	Standard table drains with mitre drains
Surface	Natural with gravel sections
Grids	Single

Rural Access Roads

Design speed	100km/hr
Clear trafficable width	8.0m
Gravel pavement width	6.0m
Drainage	Standard table drains
Surface	Gravel or natural
Grids	Single

Tourist Roads

Design speed	100km/hr
Clear trafficable width	10.0m
Gravel pavement width	8.0m
Seal width	7.0
Drainage	Standard table drains
Surface	Natural, Gravel or Sealed
Grids	Double

Rural Collector Roads

Design speed	100km/hr
Clear trafficable width	10.0m
Gravel pavement width	8.0m
Seal width	7.0m
Drainage	Standard table drains
Surface	Natural, Gravel or Sealed
Grids	Double

Euston Settlement

Design speed	80km/hr
Clear trafficable area	10.0m
Gravel pavement width	7.0m
Seal width	5.5m
Drainage	Standard table drains
Surface	Sealed

5. PATROL GRADING FREQUENCY

Level according to hierarchy:-

- (a) Rural Local. - Patrol grading on a two year basis
- (b) Rural Roads - Patrol grading on a yearly basis
- (c) Tourist - Patrol grading on a twice per year basis

(d) Rural Collector - Patrol grading on a twice per year basis

6. RURAL ROAD INSPECTION

Inspections – Rural Road Pavement

6.1 Formal Inspections:

The purpose of formal inspections is to identify:-

- a. Those assets that have defects;
- b. The severity of these defects; and
- c. The location of the defect.

The above information will allow the condition of the road network to be gauged. Without this information, it is impossible to have a true and accurate picture of the condition of the network.

6.2 Complaints from Road Users:-

Complaints from Road Users are a valuable source of knowledge about the state of the road network between inspections.

Each complaint is registered using Council's complaints handling procedure and then assigned to a staff member who will then investigate the complaint.

6.3 Inspection Intervals

The frequency of formal inspections will vary depending on the road classification.

Roads maintained by Council will be inspected generally in accordance with the intervals listed in Figure 1.

Road Type	Inspection Interval
State Roads (Single Invitation Contract)	Weekly
Regional Roads	3 Monthly
Rural Sealed	3 Monthly
Rural Unsealed	3 Monthly
Rural Natural Formed	6 Monthly

Figure 1 – Inspection Intervals

6.4 Inspection Staff

The inspections will be undertaken by appropriately trained and skilled personnel who have an understanding of road-related hazards and defects. Criteria to be used:-

APPENDIX 1

LOCAL ROADS

Name	Sealed (km)	Gravel (km)	Earth (km)	Unformed (km)	Road Counts
Abbotts Tank			26.77		2
Aerodrome	0.37				3
Balranald Weir		3.95			4
Binda Melton Grove			20.95		
Baupie		0.87			
Carinya			13.41		
Chilichil			4.50		
Clare Freshwater			31.55		
Courtney Drive	0.39				17
Culparlin Alma			28.80		
Cunningham			0.20		
Glen Emu		15.36			
Guthul			16.85		5
Kyalite Moulamein	2.23				
Kyalite Silo	2.68				
Melton Grove Dockerty		10.52	18.96		
Mengler			8.50		
Moa	1.27				315
Mulurulu			7.85		
Prungle Mail		17.84	14.46		
Redbank Weir		3.94			
Rocks	2.10	0.36			78
Tammit			7.88		
Tarwong Freshwater			14.37		
The Island	0.88		0.72		
Thomson			9.96		
Tillara		9.10			3
Weimby Kyalite			1.30		
Wintong		8.38	3.22		
Wooranbara Corrong			38.88		
TOTAL LOCAL	9.92	70.32	269.13	0.00	

RURAL ACCESS ROADS

Name	Sealed (km)	Gravel (km)	Earth (km)	Unformed (km)	Road Counts
Benanee		14.90			12
Boree Plains Gol Gol		13.85	47.23		
Clare Freshwater	1.79	1.92	17.92		24
Clare Mossgiel		3.88	45.79		
D Block		11.32			
Hatfield The Vale		9.66	65.86		
Oxley Clare		0.86	57.53		
Prungle Mail		22.36			14
Weimby Benongal	7.50	6.91	1.75		39
Weimby Kyalite		9.75			72
TOTAL RURAL ACCESS	9.29	95.41	236.08	0.00	

TOURIST ROADS

Name	Sealed (km)	Gravel (km)	Earth (km)	Unformed (km)	Road Counts
Tin Tin Bidura		47.90			6

Turlee Leaghur		15.88	13.69		58
TOTAL TOURIST	0.00	63.78	13.69	0.00	

RURAL COLLECTOR ROADS

Name	Sealed (km)	Gravel (km)	Earth (km)	Unformed (km)	Road Counts
Arumpo		0.52			86
Hatfield The Vale		16.00			
Euston Prungle	6.51	25.21			15
Margenta Wampo			38.76		15
Marma Box Creek		30.85	48.88		15
Meilman	4.85	9.16			54
Mildura Ivanhoe		49.15	31.14		
Nandum Corrong		21.83	17.13		
Oxley Clare			26.00		
Prungle Marma		7.90	42.96		
Tapalin Mail	8.00	4.50	11.51		50
Tarwong Freshwater		20.70	27.68		
Turlee Leaghur			13.47		8
Weimby Kyalite	1.10	17.77			
Windomal	21.20	3.24			88
TOTAL RURAL COLLECTOR	20.46	185.82	257.53	0.00	

EUSTON SETTLEMENT

Antonio		0.57			
Bertram	1.19				
Brett	2.16				
Kilpatrick	1.62				203
Leslie	2.87				
McGinty	0.85				
Morgan	0.58				
Morris	1.20			1.65	
Ross		1.85			
Spittle	0.79				56
Taylor	1.69				
TOTAL EUSTON SETTLEMENT	11.26	2.42	0.00	1.65	