

# Asset Management Plan Roads and Transport Infrastructure

2023/24



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## Shire of Donnybrook Balingup

### Asset Management Plan - Roads and Transport Infrastructure 2023/24

#### Introduction

The information contained in this asset plan is a summary from Council's Road Asset Management and Maintenance System (RAMMS).

The plan provides aggregated level Capital Renewal requirements for the following transport asset classes;

- Roads.
- Paths.
- Road Lighting.
- Drainage.
- Car Parks.

#### Bridges

Local Governments are allocated funds for bridges through the Local Grants Commission. Project funds for bridges are allocated to preservation type projects, recognising that some of these projects may include some upgrading, and that preservation includes replacement when the existing bridge has reached the end of its economic life.

A Bridge Committee advises the Commission on priorities for allocating funds for bridges. Membership of the Committee is made up of representatives from the following organisations:

- WA Local Government Grants Commission;
- Western Australian Local Government Association; and
- Main Roads Western Australia (MRWA).

The Committee receives recommendations from MRWA on funding priorities for bridges. MRWA inspects and evaluates the condition of local government bridges and has the expertise to assess priorities and make recommendations on remedial measures.

Bridges are therefore excluded from the Shire's asset planning, as this is managed, and funded, at a State level.

#### Valuations

Assets classes are independently revalued by a suitably qualified valuer.

#### Asset Conditions

Asset condition audit was independently undertaken on the asset class in 2022.

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Asset Class Overview

Asset Class	Component	Length (km)	Quantity (units)	Area (m2)	Replacement Value \$
Carparks		N/A	N/A	105,669	6,632,723
Drainage					
	Pits	N/A	518	N/A	1,394,433
	Culverts	N/A	2,114	N/A	19,293,801
	Pipes	23.528	786	N/A	7,587,350
Electrical					
	Lighting	N/A	38	N/A	275,128
Infrastructure					
	Railings	4.885	N/A	N/A	884,209
Paths					
	Footpaths	27.695	N/A	N/A	4,850,197
Roads					
	Sealed	1,439.59	N/A	N/A	98,358,444
	Unsealed	1,276.77	N/A	N/A	22,155,321

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Consolidated Summary

Note	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2029/30	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	
<b>Indicative Annualised Expenditure Requirements - Renewal</b>																
Carparks	1	387,603	395,355	403,262	411,327	419,554	427,945	436,504	445,234	454,139	463,221	472,486	481,936	491,574	501,406	511,434
Drainage	1	354,403	361,491	368,721	376,095	383,617	391,290	399,115	407,098	415,240	423,544	432,015	440,656	449,469	458,458	467,627
Electrical (Lighting)	1	6,878	7,016	7,156	7,299	7,445	7,594	7,746	7,901	8,059	8,220	8,384	8,552	8,723	8,897	9,075
Infrastructure (Railings)	1	11,053	11,274	11,500	11,730	11,964	12,203	12,447	12,696	12,950	13,209	13,474	13,743	14,018	14,298	14,584
Footpaths	1	91,502	93,332	95,199	97,103	99,045	101,026	103,046	105,107	107,209	109,353	111,540	113,771	116,047	118,368	120,735
Roads (Sealed)	1	2,157,389	2,200,537	2,244,548	2,289,438	2,335,227	2,381,932	2,429,570	2,478,162	2,527,725	2,578,280	2,629,845	2,682,442	2,736,091	2,790,813	2,846,629
Roads (Unsealed)	1	924,407	942,895	961,753	980,988	1,000,608	1,020,620	1,041,032	1,061,853	1,083,090	1,104,752	1,126,847	1,149,384	1,172,372	1,195,819	1,219,735
<b>Total - Price Indexed</b>		<b>3,933,235</b>	<b>4,011,900</b>	<b>4,092,138</b>	<b>4,173,980</b>	<b>4,257,460</b>	<b>4,342,609</b>	<b>4,429,461</b>	<b>4,518,051</b>	<b>4,608,412</b>	<b>4,700,580</b>	<b>4,794,592</b>	<b>4,890,483</b>	<b>4,988,293</b>	<b>5,088,059</b>	<b>5,189,820</b>

Note

1 Source: Annual Depreciation - Shire Donnybrook Balingup Road Asset Management and Maintenance System (Indexed)

