

Asset Management Plan Roads and Transport Infrastructure

2024/25



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Shire of Donnybrook Balingup

Asset Management Plan - Roads and Transport Infrastructure 2024/25

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.

Shire of Donnybrook Balingup

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Asset Class Overview

Asset Class	Component	Length (km)	Quantity (units)	Area (m2)	Replacement Value \$
Carparks		N/A	N/A	61,990	6,757,536
Drainage					
	Pits	N/A	518	N/A	1,394,433
	Culverts	N/A	2,114	N/A	19,293,801
	Pipes	23.53	786	N/A	7,587,350
Electrical					
	Lighting	N/A	38	N/A	275,128
Infrastructure					
	Railings	4.88	N/A	N/A	884,209
Paths					
	Footpaths	27.69	N/A	N/A	4,850,197
Roads					
	Sealed	299.68	N/A	N/A	98,358,444
	Unsealed	334.82	N/A	N/A	22,155,321

Source: Source: Shire Donnybrook Balingup Road Asset Management and Maintenance System

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Consolidated Summary

Note	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	2036/37	
Indicative Annualised Expenditure Requirements - Renewal																
Carparks	1	387,603	399,231	411,208	423,544	436,251	449,338	462,818	476,703	491,004	505,734	520,906	536,533	552,629	569,208	586,284
Drainage	1	354,403	365,035	375,986	387,266	398,884	410,850	423,176	435,871	448,947	462,416	476,288	490,577	505,294	520,453	536,066
Electrical (Lighting)	1	6,878	7,084	7,297	7,516	7,741	7,973	8,213	8,459	8,713	8,974	9,243	9,521	9,806	10,101	10,404
Infrastructure (Railings)	1	11,053	11,385	11,726	12,078	12,440	12,813	13,198	13,594	14,002	14,422	14,854	15,300	15,759	16,232	16,719
Footpaths	1	91,502	94,247	97,074	99,987	102,986	106,076	109,258	112,536	115,912	119,389	122,971	126,660	130,460	134,374	138,405
Roads (Sealed)	1	2,157,389	2,222,111	2,288,774	2,357,437	2,428,160	2,501,005	2,576,035	2,653,316	2,732,916	2,814,903	2,899,350	2,986,331	3,075,921	3,168,198	3,263,244
Roads (Unsealed)	1	924,407	952,139	980,703	1,010,124	1,040,428	1,071,641	1,103,790	1,136,904	1,171,011	1,206,141	1,242,326	1,279,595	1,317,983	1,357,523	1,398,249
Total - Price Indexed		3,933,235	4,051,232	4,172,769	4,297,952	4,426,891	4,559,697	4,696,488	4,837,383	4,982,504	5,131,980	5,285,939	5,444,517	5,607,853	5,776,088	5,949,371

Note

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

