



mainroads
WESTERN AUSTRALIA

Revegetation Publication Report

SWR0091

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Western Australia.*

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Amendments

Revision Number	Revision Date	Description of Key Changes	Section / Page No.
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1 PURPOSE

This Revegetation Publication Report provides additional information on SWR0091.

2 SCOPE

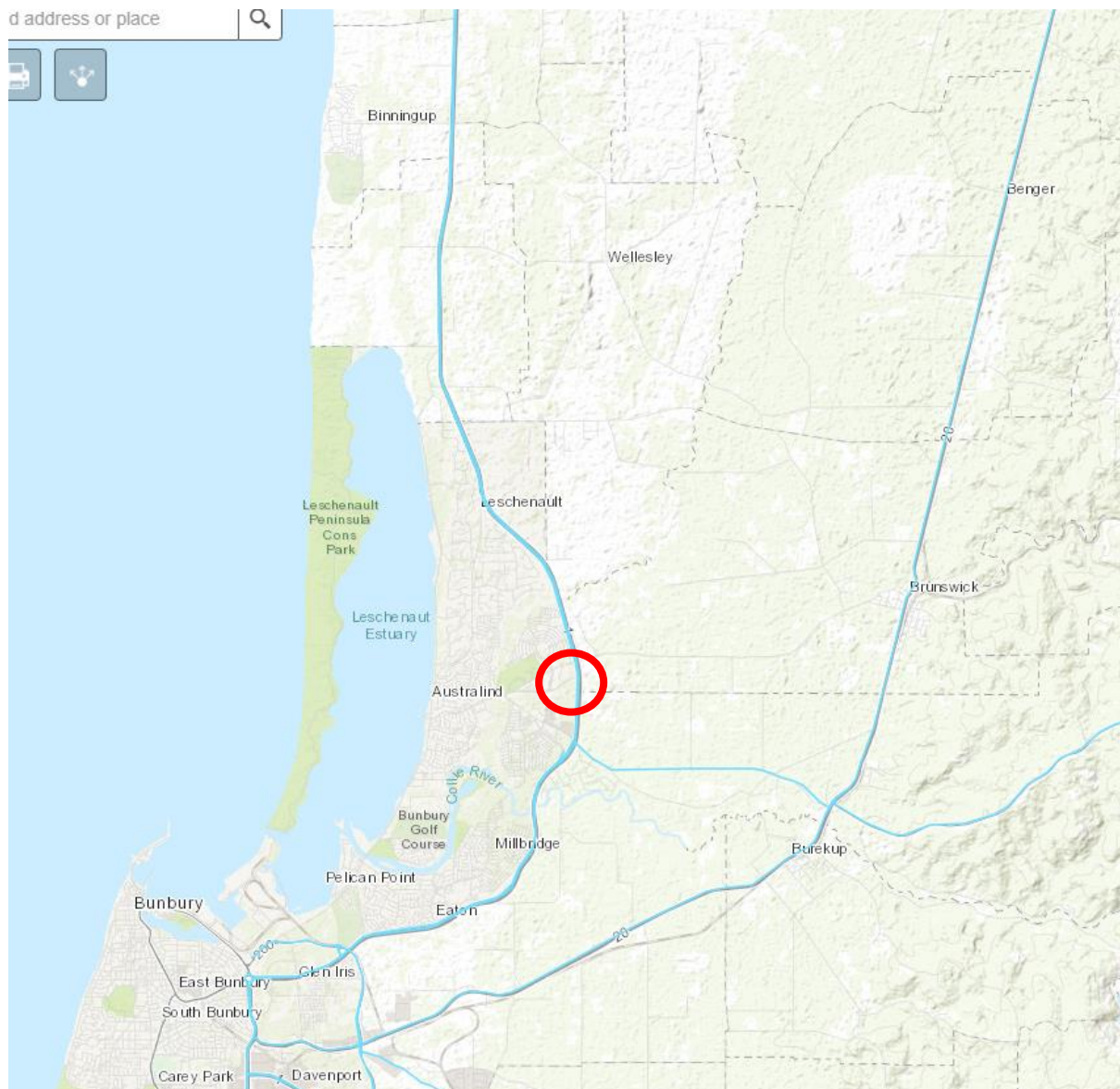
Forrest Highway / Marriot Road intersection services the Kermerton Industrial Park with a high number of heavy vehicles using the intersection. Safety improvements for the intersection included the installation of a northbound acceleration lane.

The project offered an opportunity to improve line of sight through the median and enhance the revegetation for the Forrest Highway median. The aim of the revegetation was to direct seed the median with native species with a low growing habit. Critical to the revegetation was the use of native bush mulch and soil amendments to improve soil health.

After the initial works in 2016 the site has only required minimal spot spray of herbicide to manage windblown weeds (weed seed blown in from adjoining paddocks). The mulch treatment and seeding has reduced the need for boom spraying and has eliminated the need for slashing within the median.

Main Roads Region	South West Region
Road Name	Forrest Highway
Road Number	H057
Local Government	Shire of Harvey
SLK Start	
SLK Finish	
Central GPS Coordinates	<ul style="list-style-type: none"> Latitude (N): -33.21103 Longitude (E): 115.720699
Reference Number	SWR0091
Type of Method Undertaken	Revegetation
Area of Method Undertaken	1.0ha
Year Method Undertaken	2016 - Ongoing
Brief description	Works commenced in May 2016 with a 50mm mulch application to the median. The area was direct seeded and rolled with a Harley rake. Soil amendments were applied in liquid form to the median. Soil testing was conducted over the next few months and additional applications applied.
Species used	Refer to Appendix 1

3 SITE MAP



Locality: Forrest Highway/ Marriot Road Acceleration Lane

4 SITE PHOTOS



Figure 1. North bound Median



Figure 2. Rotary hoe used to blend mulch and subsoil prior to direct seeding



Figure 3. Direct seeding and application of a liquid soil amendment 2016



Figure 4. Germination in 2017



Figure 5. Median vegetation in 2017



Figure 6. Median remains relatively free of weed species 2 years post planting

5 APPENDICES

Appendix 1: Species list

Acacia extensa
Acacia lasiocarpa
Anigozanthos manglesii
Bossiaea eriocarpa
Calothamnus quadrifidus
Conostylis aculeata
Conostylis candicans
Dasypogon bromeliifolius
Eremaea fimbriata
Jacksonia furcellata
Kennedia prostrata
Melaleuca huegelii
Olearia axillaris
Patersonia occidentalis
Templetonia retusa