

# SHIRE OF JERRAMUNGUP

## MAINTENANCE AND MANAGEMENT

## OF SHIRE ROAD RESERVES





# Shire Of Jerramungup Area of Responsibility

## Legend

Populated Places

Local Government Authority

State Roads

Other Roads

Native Vegetation Extent (DPIRD, 2017)

Coast and Sea

water  
land





The Shire Of Jerramungup Manages over 1300 kms of gravel and sealed roads, This equates to approximately 2600 kms of Road Reserves.

These road reserves support some of the most significant Eco-Systems in the Great Southern and form an integral part of the GONDWANA corridor network, linking the Shires road reserves to protected Nature Reserves and National Parks.

These road reserves are critical in maintaining Biological diversity, they also act as important Corridor Systems allowing Fauna to move freely between protected areas, especially between the Stirling Range National Park, UNESCO Recognized Fitzgerald River National Park and the Lake Magenta Nature Reserve.





# ROAD VERGE VEGETATION CLEARING

## *Past Practices*

- Flora and Fauna Surveys, Vegetation Assessments ❌
- Desktop Assessments ❌
- Clearing Permits ❌
- Road Verge Rehabilitation Activities ❌
- Community Consultation/ Engagement ❌
- Training of Staff working in Environmentally Sensitive Areas ❌





Since 2017 the Shire of Jerramungup have introduced Environmental Management Processes which support the current Maintenance practices within Shire road reserves.

Road Verge  
Vegetation  
Maintenance  
Zones.

Vertical  
Pruning

Back Slope





# *Consultation with KEY Stakeholders*

- Meetings with DWER Management for Regulation, Licensing and Approvals.
- Training Seminars involving Shire Management, Works Crews and elected Council members with Nick Casson from Roadside Conservation Committee and Mal Right from DWER Compliance Section.
- Meetings with Management Staff from Albany's SCNRM, South Coast Natural Resource Management, DBCA, Department of Biodiversity Conservation and Attractions and FBG, Fitzgerald Biosphere Group.





# Where We are Today

- Adopted Shire of Jerramungup, Rural Road Verge Management Policy.
- Training of all works crew in Certificate II In Conservation And Land Management. ( With a Key focus on working in Environmentally sensitive areas).
- Developed good working relationship with DWER at a State and local level.
- Community Engagement- promoting the Shires road reserves as important Ecological Linkages.
- Conduct in house, Intensive Systematic Fauna and Flora Surveys and Vegetation Assessments.
- Consult with Environmental Specialists i.e., Botanists.
- Working with TAFE and other Educational institutions.
- Mapping of Weeds across the Shires Road Reserve Network.
- Developing a Fauna Data base ( Fauna Utilization of the Shires road reserves ).
- Initiate desk top Surveys for all relevant work activities.
- Working closely with relevant Organizations i.e. Birdlife Australia, WA Museum FBG Fitzgerald Biosphere Group.



**In November 2018 the Shire Of Jerramungup's Works Crew completed their training in Certificate II Conservation and Land Management.**



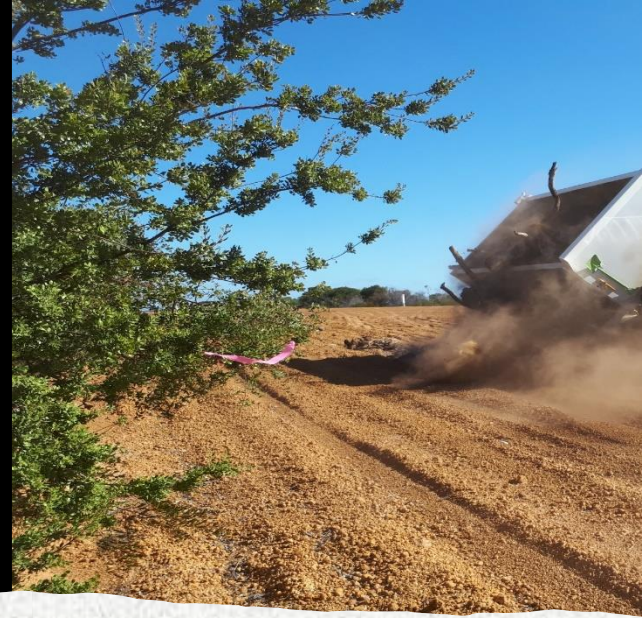


# In 2018 Albany's South Regional TAFE Students carried out extensive Rehabilitation Projects within the Shires Road Reserves, Projects Included:

- Weed Control
- Seed Collecting
- Fauna Monitoring Activities
- Revegetation Activities







- Shire Of Jerramungup's works crews actively participating in habitat restoration projects in support of their units of competency.



# Devils Creek Road Revegetation Site

Before

After





## ***The Key Elements To Integrated Restoration Approach Includes:***

- Direct Seeding using local species ( Representing vegetation communities from the lower to upper canopy levels).
- Dry brush placement supporting viable seed resources.
- Tube Stock Planting ( Mosaic planting of Key Species in support of Rare, Threatened and Endangered Fauna.
- Placement of habitat resource materials ( Hollow logs, branches and other woody materials).







Protecting active termite mounds within the Shires road reserves.



# MOVING FORWARD

The Shire Of Jerramungup is Committed to:

- *Shire of Jerramungup's Council and Executive Staff fully support the ongoing training of staff working in Environmentally Sensitive Areas.*
- *Maintain/increase the Ecological integrity of the Shires road reserves.*
- *Promote a positive culture at all staffing levels.*
- *Applying Environmental Best Practice in the maintenance and management of the Shires road network.*
- *Conduct work activities with minimal disturbance/impacts on the road reserves and associated Eco-systems.*
- *Continue to improve and develop innovative methods in the control and management of Weeds within the Shires road reserves.*
- *Continue to build partnerships with Key Stakeholders.*
- *Promote Eco-Tourism opportunities within the Shire managed road reserves and associated parks and reserves.*