

# ROADSIDE FIRE MANAGEMENT

## Municipal Fire Prevention Seminars 2005



# Why are roadsides important?



# Roadside Fire Management Guidelines



Wind & Fire



Spotting Embers



# Objectives of roadside fire management

- Prevent fires on roadsides
- Contain roadside fires
- Safety of road users
- Provide control lines
- Recovery from roadside fires





# The future.....

- **Good information management**
- **Looking to the long term**
- **Looking beyond the fence**
- **Working together - partnerships**



# ***Good information management***

## **MFPP Databases**

- **Simple Access database**
- **Can deliver reports at different levels**
- **Versatile - used for CFA herbicide works plans and reports**
- **Could link with GIS**
- **Similar idea being developed in the Midlands Wimmera.**



# Good information management

## South West MFPP Database

ABBEY HILLS BRIGADE				
FIRE PREVENTION/EXTINGUISHMENT PLAN EXTRACT (MOYNE)				
	<b>Action</b>	<b>Conditional ON</b>	<b>Who</b>	<b>Start by</b>
<b>Coltons Road</b> <i>From the intersection with Red Lane going north to the intersection with Minhamite Caramut Road</i>	Spray	3m wide break along the fence line	Land holder	July
	Burn	Under controlled conditions from the road shoulder to the prepared spray break	Brigade	December
	Slash	Heavy Phalaris on the road reserve as required	Shire	ongoing
	Graze	Under permit conditions on both sides of the roadway to reduce fuel load	Land holder	ongoing
	Slash	Area to reduce fuel load	Shire	November





## Moorabool Shire Council ROADSIDE MANAGEMENT PRESCRIPTIONS

<b>Name of road/category</b>	<b>Low conservation roadsides on basalt CODE MA</b>	
<b>Vegetation type</b>	Introduced grasses and weeds (formerly native grassland or grassy woodlands)	
<b>Management methods</b>	(Fuel reduction, land and vegetation management)	
Burning	6	Not recommended where there is a strong occurrence of woody weeds such as Gorse unless follow up spraying of regrowth is undertaken
Slashing	4	The usual control method. It is recommended that the cut material is removed where practicable to reduce fire risk. Encourage farmers to cut and bail material. An early cut (before December in most areas) will prevent seeding of most herbaceous weeds and annual grasses
Weed control	4	Many roadsides in this category have a high incidence of woody weed invasion and/or Phalaris (pasture grass) dominance. Weed control by landholders, Landcare groups and the Shire (as part of fuel reduction works) is recommended by spot spraying
Grazing	?	Grazing may be appropriate on some roadsides of this category. Grazing licence fee to adjoining landowner to be nominal. Conditions apply that landholder will keep noxious weeds under control
Cropping	?	Should be considered for roadsides completely dominated by Phalaris or woody weeds (completely devoid of remnants) as a means of reducing management costs or problems. Licence to adjoining owner
Fencing	6	No significant remnants to fence
Signage	6	No significant remnants
Natural regeneration	4	Scattered trees and or shrubs may be present on the roadside. Slash around seedlings. Leave a zone under tree canopy (drip zone) to encourage regeneration. Consider spraying woody weeds and grasses around trees to allow regeneration



# *Looking to the long term*

## Prom Road 25 year plan



# Meeniyan Promontory Road Yanakie Roadside Fire Management Plan

Schedule	Section	West side of road	VicRoads Pegs Km	East side of road	Section	Schedule
	W1 27.04k	NB	<b>Soldiers Rd 27.04k</b>	NB	E1 27.04k	
2014	W2 27.97k	Gums, Sheoak LP 25 YB	<b>Leslea Crt 27.97k</b>	Bog Gum woodland NB	E2	
2010	W3	Stipa, Gahnia LP 25 YB	<b>28.47k</b>	Triangle of heath LP 15 YB	E3 28.29k 28.43k	2006 (2021)
	W4	Hakea, Phragmites, Kikuyu Remove pines NB	<b>28.67k</b>	Sheoak scrub Remove pines NB	E4	
2020 2025	W5+6 29.03k	Hakea, Sheoak, Gums, heath Create break LP 25 YB	<b>Snells 29.03k</b>	Bog Gum, Sheoak, Phragmites, Stipa LP 25YB	E5	2024
2002 (2017)	W7 29.41k  29.67k	Kunzea MP 15 YB	<b>Hather 29.41k</b>	Kunzea, Sheoak Create break LP 15 YB	E6+7 29.51k	2012 2015



# *Beyond the fence*

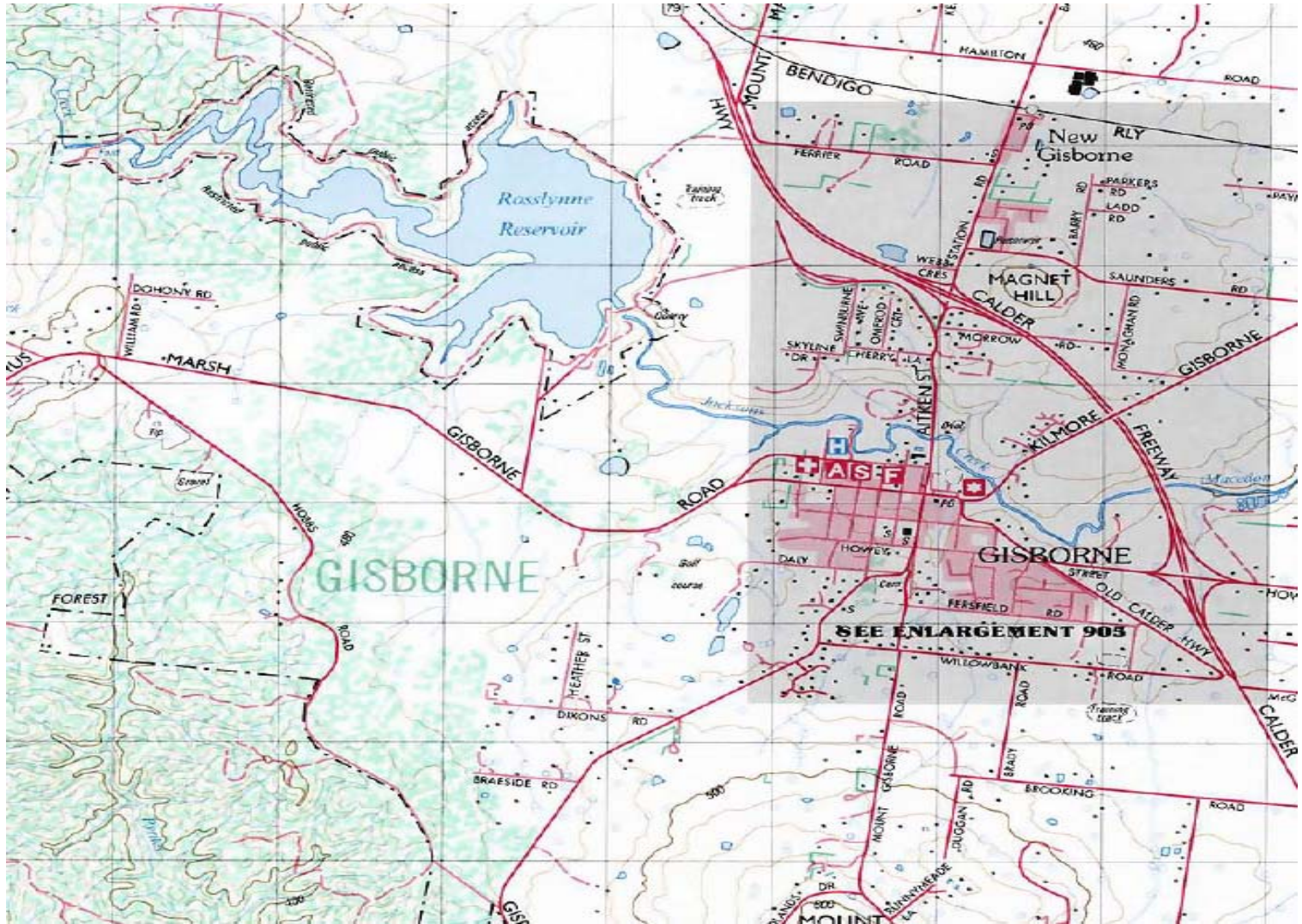
## Protecting Gisborne

### Hobbs Road Macedon Ranges Shire



# Beyond the fence

## Fire safety - Gisborne



# Fire safety VS environment ???



# Environmental Values



# Fire safe? - fine fuels





# *Beyond the fence* Solutions



# *Partnerships* Partnerships



# More information

- **Roadside Fire Management Guidelines**
- **Roadside Fire Management Brochure**
- **Roadside Program Case studies**
- **Herbicide Policy**
- **Herbicide Use for Fire Prevention Brochure**
- **Roadside assessment worksheets**





***Creating safer communities***

