

Calder Highway Interchange (Ravenswood) Project

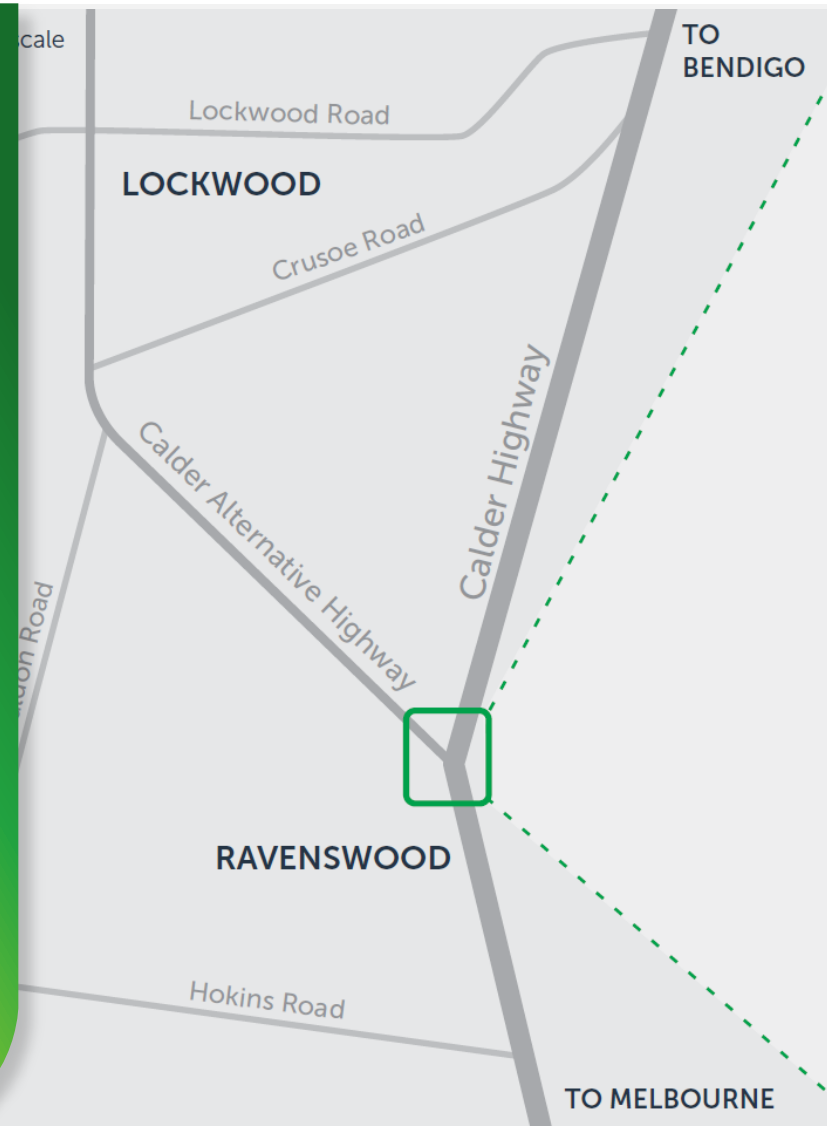
Trevor Boyd, Director – M80 Ring Road Upgrade

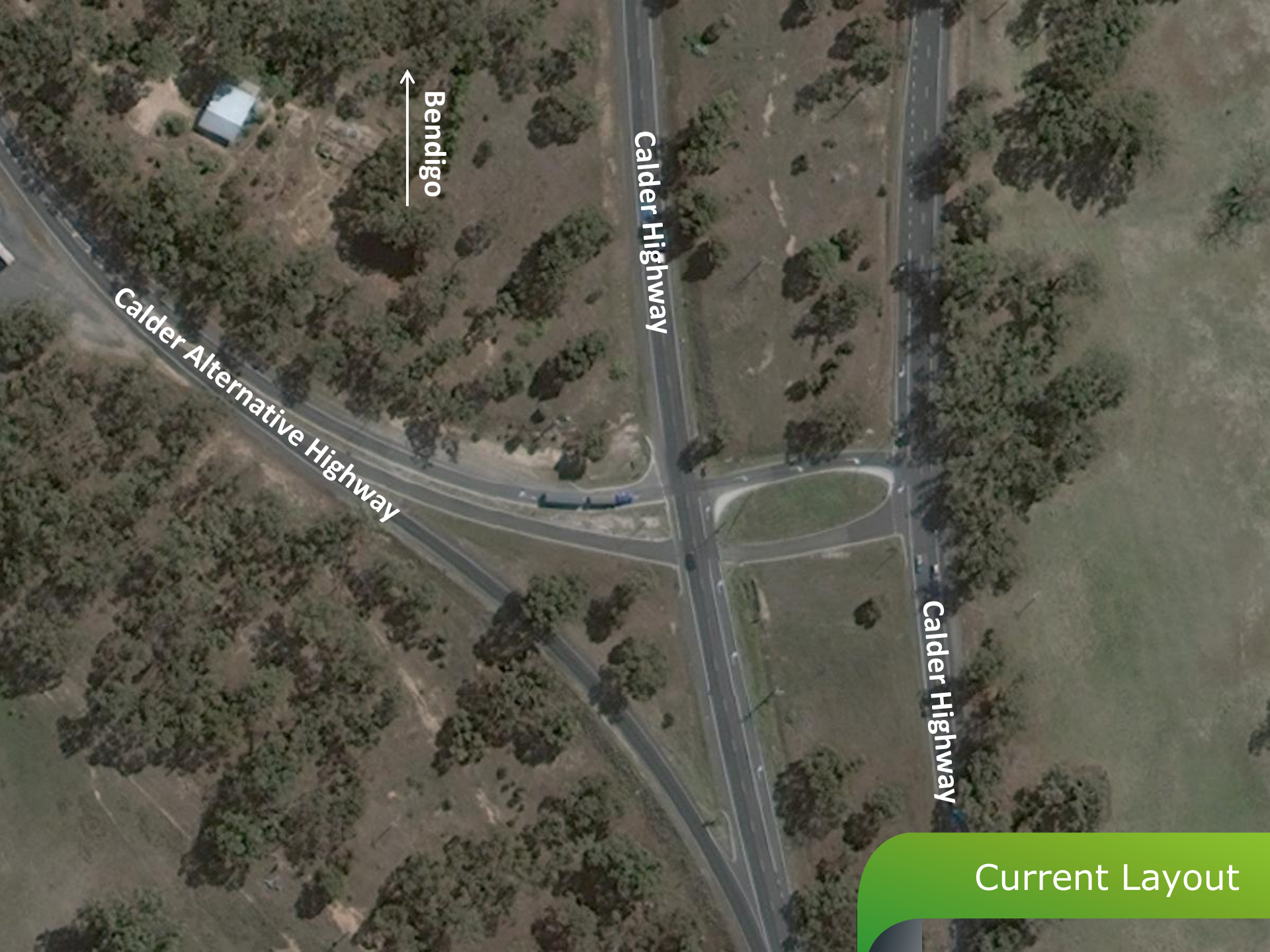
28 August 2015



Locality

- 18 km south of Bendigo and 137km from Melbourne
- The Ravenswood Interchange is a very important part to the Melbourne-Mildura transport corridor
- There have been a number of serious crashes in recent years.





Bendigo

Calder Highway

Calder Alternative Highway

Calder Highway

Current Layout



November 2014



November 2014



November 2014



November 2014



Freight
Inefficiency

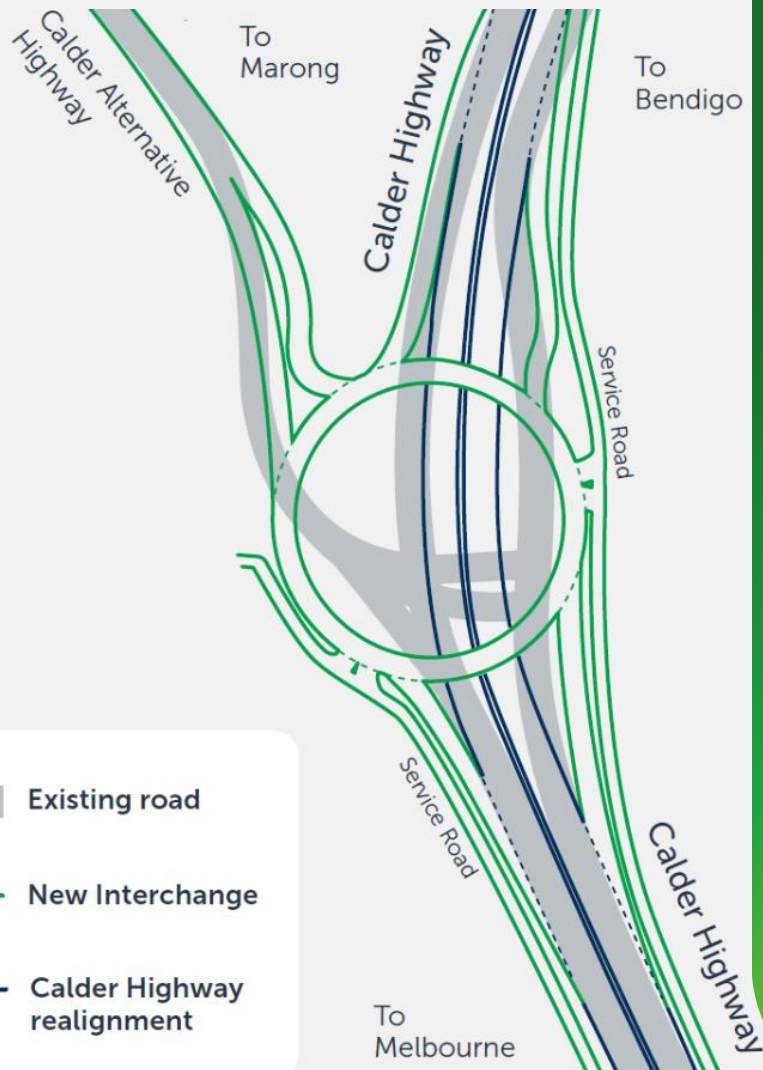


Local Access

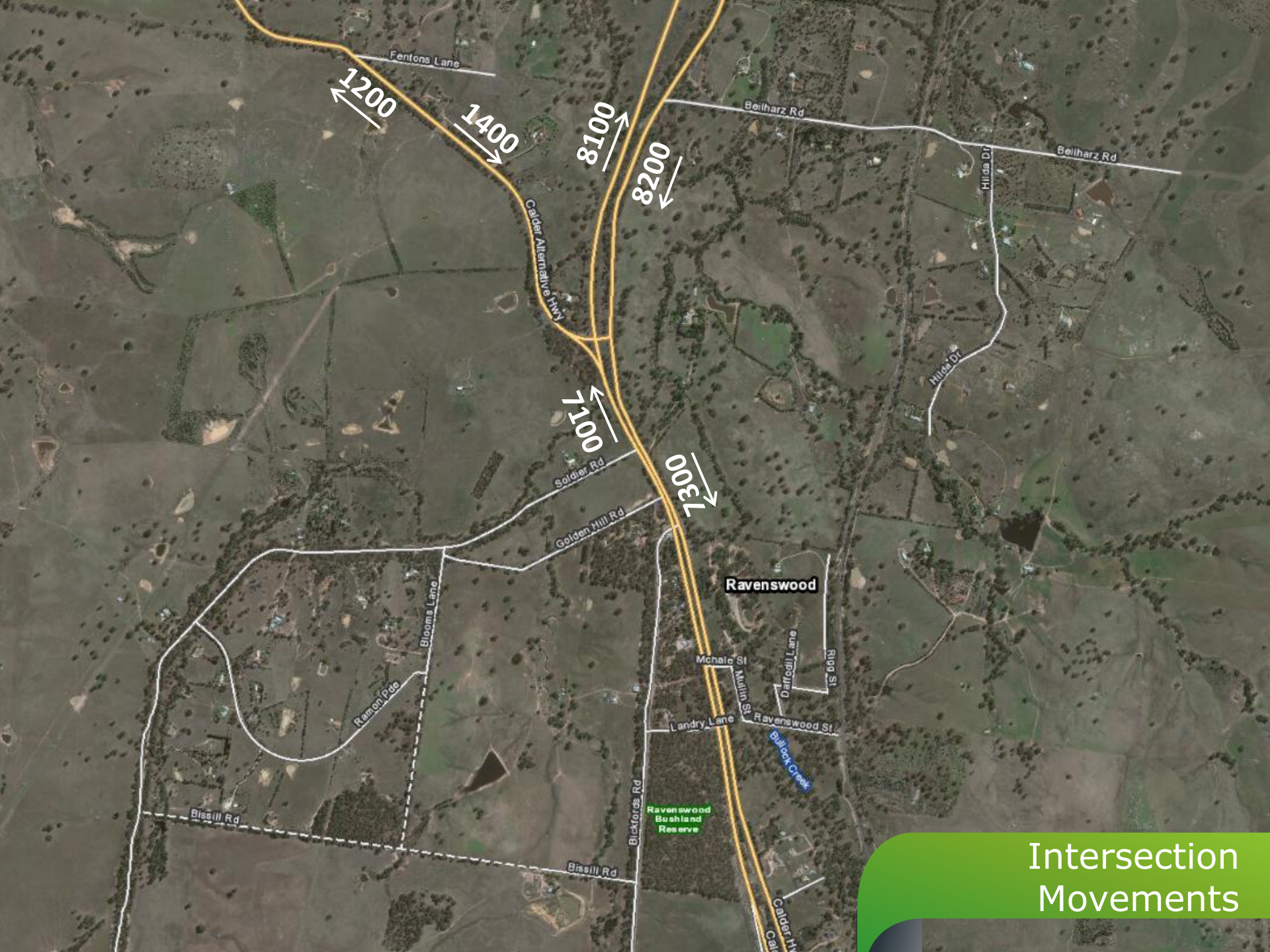


Local Access

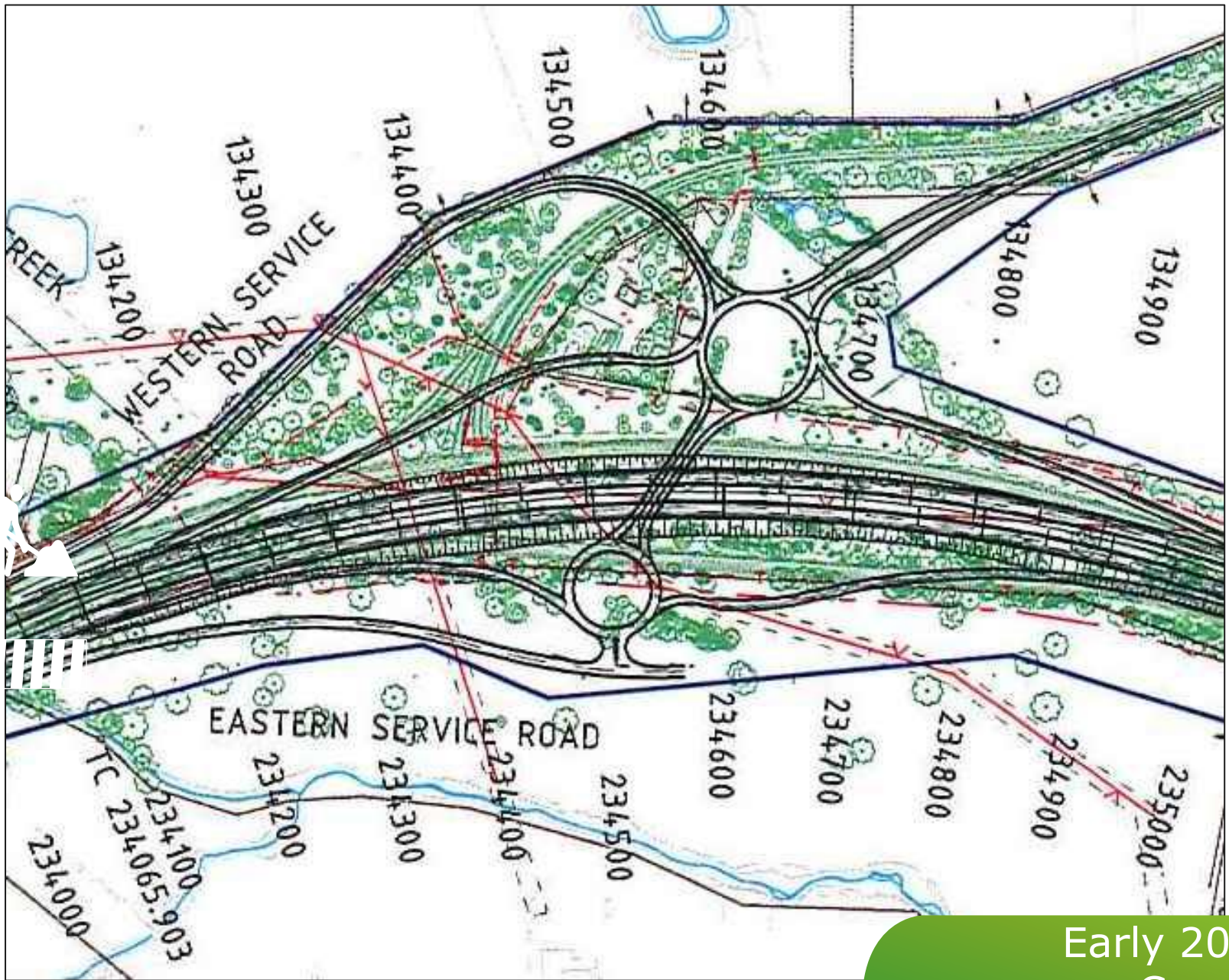
The Project



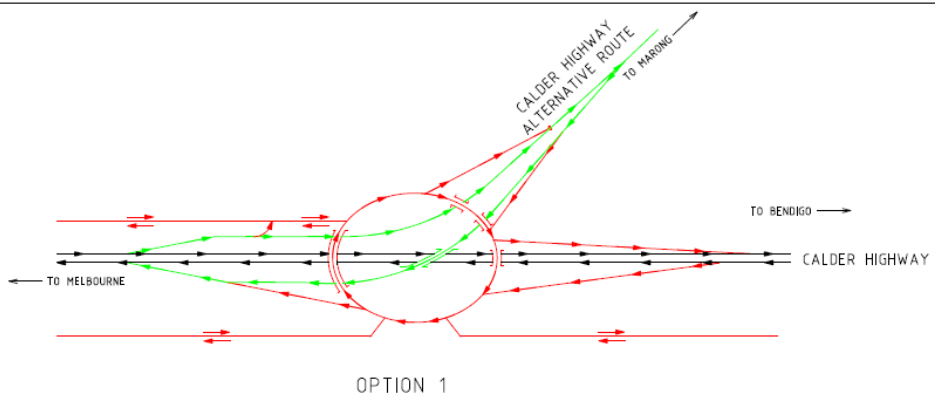
- \$86 Million
- Large circulating roadway providing for all movements. (Including local movements)
- Lowering and realignment of the Calder Highway



Intersection Movements



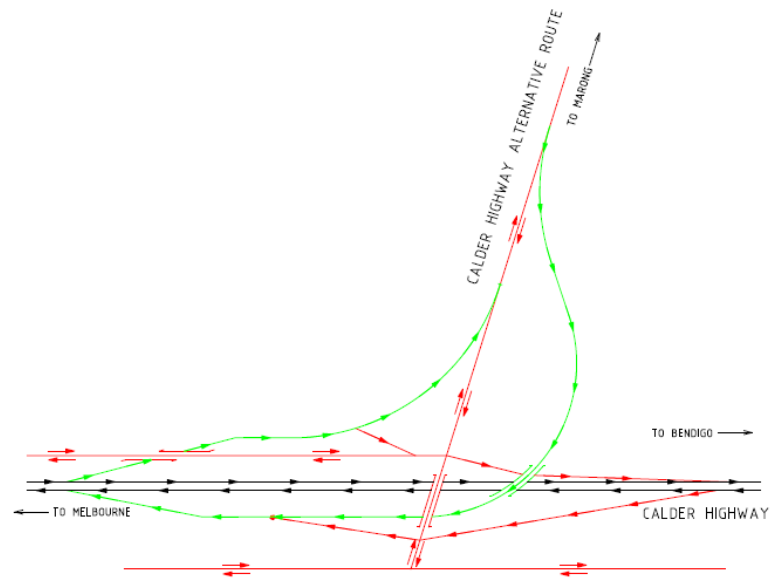
Early 2000s
Concept



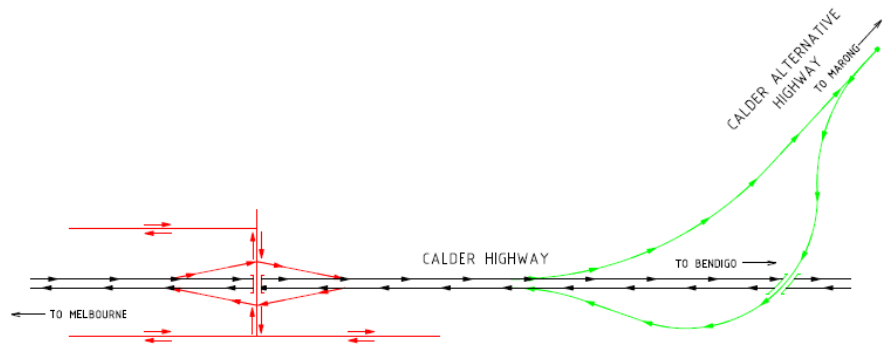
OPTION 1

LEGEND:

- MAIN CARRIAGEWAYS
- PREDOMINANT FREIGHT TRAFFIC MOVEMENT
- LOCAL ACCESS



OPTION 2



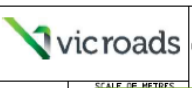
OPTION 3

18/07/2014 Default 725-pd-a-md-03.dgn

E				
D				
C				
B				
A				
ISSUE	APP'D	DATE	AMENDMENT	

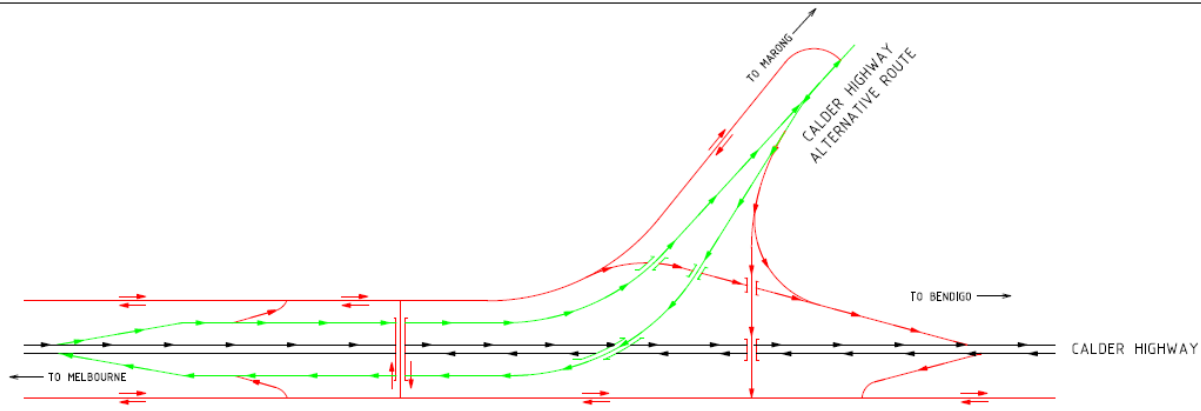
GENERAL NOTES

TECHNICAL SERVICES	DESIGNED	PROJECT DESIGN
	APPROVED	
3 PROSPECT HILL ROAD, CARBONELL, VICTORIA, 3074 PHONE (03) 9471 8355 FAX (03) 9471 8329	CAT: Road_Design PROJ: 725Scalder FILE: 725-pd-a-md-13.dgn	SCALE OF METRES

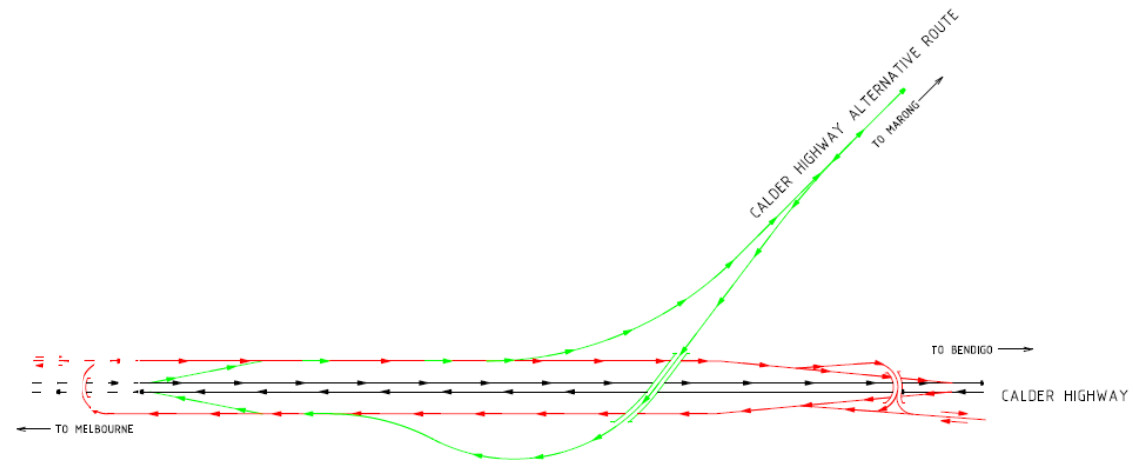


CALDER HWY/FWY
CALDER HIGHWAY
CALDER HIGHWAY ALTERNATIVE ROUTE INTERCHANGE RAVENSWOOD
INTERCHANGE OPTIONS 1 OF 2

Options Analysis



OPTION 4



OPTION 5

LEGEND:

- MAIN CARRIAGEWAYS
- PREDOMINANT FREIGHT TRAFFIC MOVEMENT
- LOCAL ACCESS

19/07/2014 Definitive
725-pd-a-md-13.dgn

E				
D				
C				
B				
A				
ISSUE	APP'D	DATE	AMENDMENT	

GENERAL NOTES

TECHNICAL SERVICES

DESIGNED PROJECT DESIGN

APPROVED

3 PROSPECT HILL ROAD
CARISWELL,
VICTORIA 3093
PHONE (03) 9471 8355
FAX (03) 9471 8359

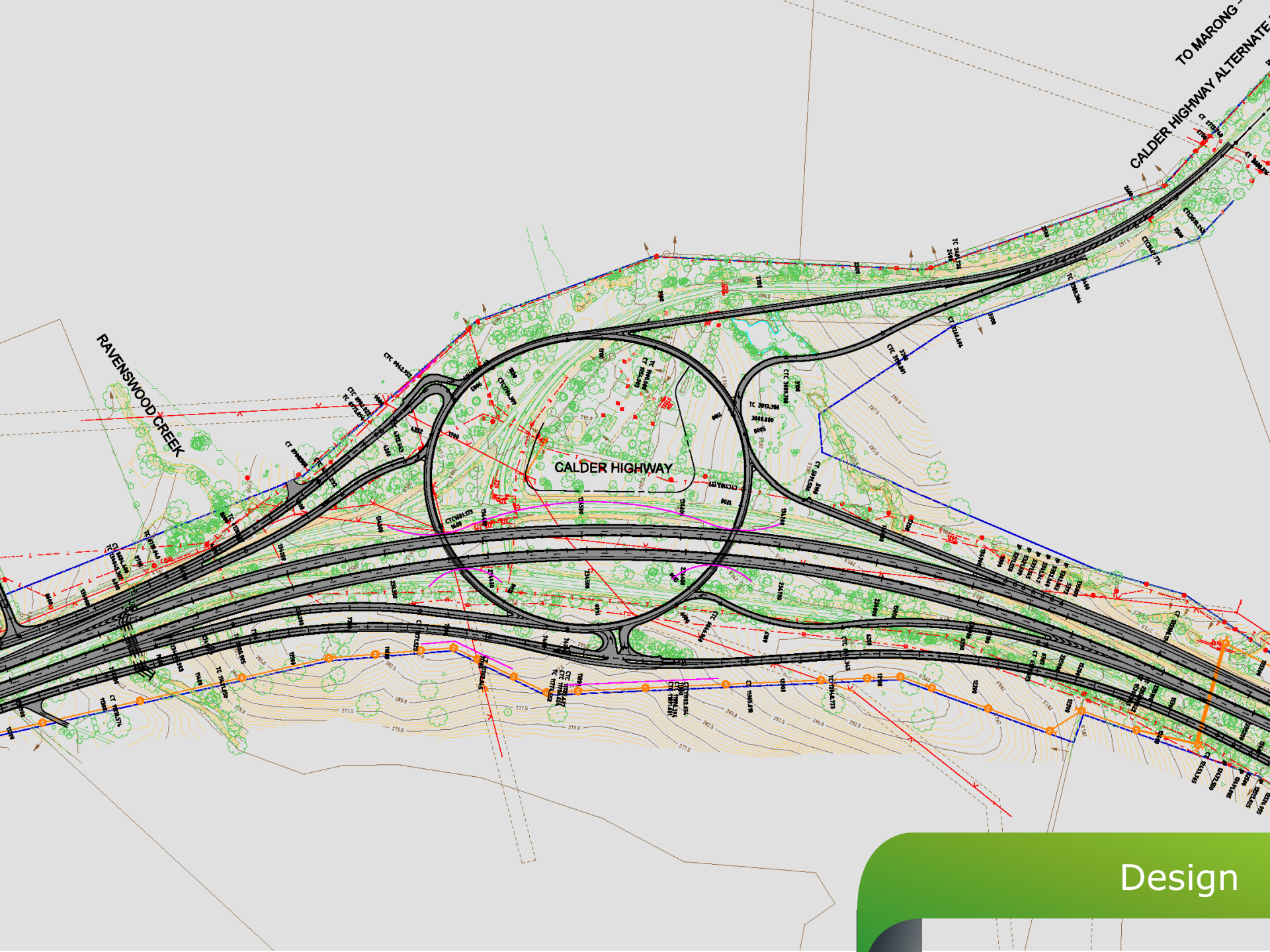
CAT: Road_Design
PRO: 725Calder
FILE: 725-pd-a-md-13.dgn



CALDER HWY/FWY
CALDER HIGHWAY
CALDER HIGHWAY ALTERNATIVE ROUTE INTERCHANGE RAVENSWOOD
INTERCHANGE OPTIONS 2 OF 2



Options Analysis





Time (sec)

0.0000

Outcomes

- Project outcomes that align with the ITLUS include:
 - Reduced crash rate for all vehicles
 - Reduced crash severity for all vehicles
 - Freight efficiency
- Additional safety and travel time for local residents

Moving Bendigo



ENHANCING THE MOVEMENT OF PEOPLE AND GOODS

Optimise the use of infrastructure to extend the life of the existing road network



Increase car occupancy



Support freight and logistics in the city

4.2



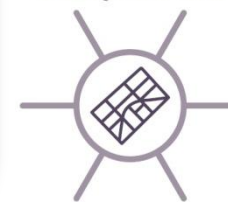
Address parking issues



Reduce the impact on the environment



Complete the



outer box

Capitalise on new technological advances to moderate the need for car travel



4.3



Temporary Treatments



VICROADS
WANTS YOU
HOME SAFE

KENNARDS HIRE

The image shows a large LED sign mounted on a utility pole. The sign has a yellow border and displays the text 'VICROADS WANTS YOU HOME SAFE' in bright yellow LED characters. Below the main text, there is a small red and white logo for 'KENNARDS HIRE'. The sign is set against a background of dense green trees and a clear sky. A green decorative shape is visible on the left side of the image.

Temporary Treatments