



# Regional Road Safety & Infrastructure Priorities

March, 2023



- 
- Community Engagement
  - Driver Education
  - Corporate Communications
  - Government and Public Policy
  - Future Mobility
  - Safety and Infrastructure

## Our purpose

**Better for members,  
better for our  
community**

through our products and services, and  
supporting our local communities.

# Safety and Infrastructure

- Regional Road Assessments
- Report -a-Road
- Risky Roads (and Rides) Surveys
- Road Safety Audits
- Traffic investigations
- Black Spot Submissions
- Standards Australia – revisions
- Media and Advocacy
- Road Rules Information Service



# Regional Road Assessments



## Transport & access throughout SA

### Focus on regions:

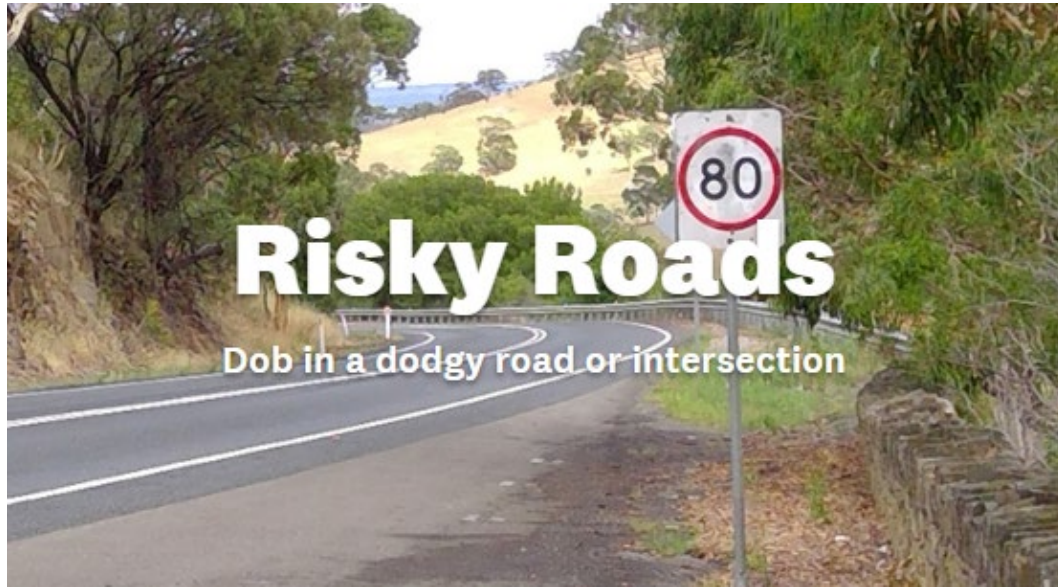
- Yorke Peninsula (2019)
- Limestone Coast (2019)
- Adelaide Hills Report (2020)
- Fleurieu Peninsula (2021)
- Murray Lands (2022)
- Broken Hill Region (2022)
- Eyre Peninsula (2023)

# Major Road Assessments



- South Eastern Freeway (May 2020)
- Victor Harbor Road (May 2021)
- Horrocks Highway (Sept. 2021)
- Barrier Highway ( Oct 2022)
- Regional Highways (ongoing)

# Risky Roads



**Survey conducted every two - three years**

- Top 10 roads and intersections
- Regional and metropolitan
- Maintenance issues focus highly in both
- Next survey scheduled for April 2024

# Risky Rides



## Focused on cycling network

- Metropolitan and Regional
- Maintenance and safety
- Gaps in cycling infrastructure

# Report-a-Road

- Single point of enquiry
- Network issues and inconsistencies
- Maintenance
- Log enquiries via [raa.com.au/report-a-road](https://raa.com.au/report-a-road) or 8202 4517
- Road rules information 8202 4570

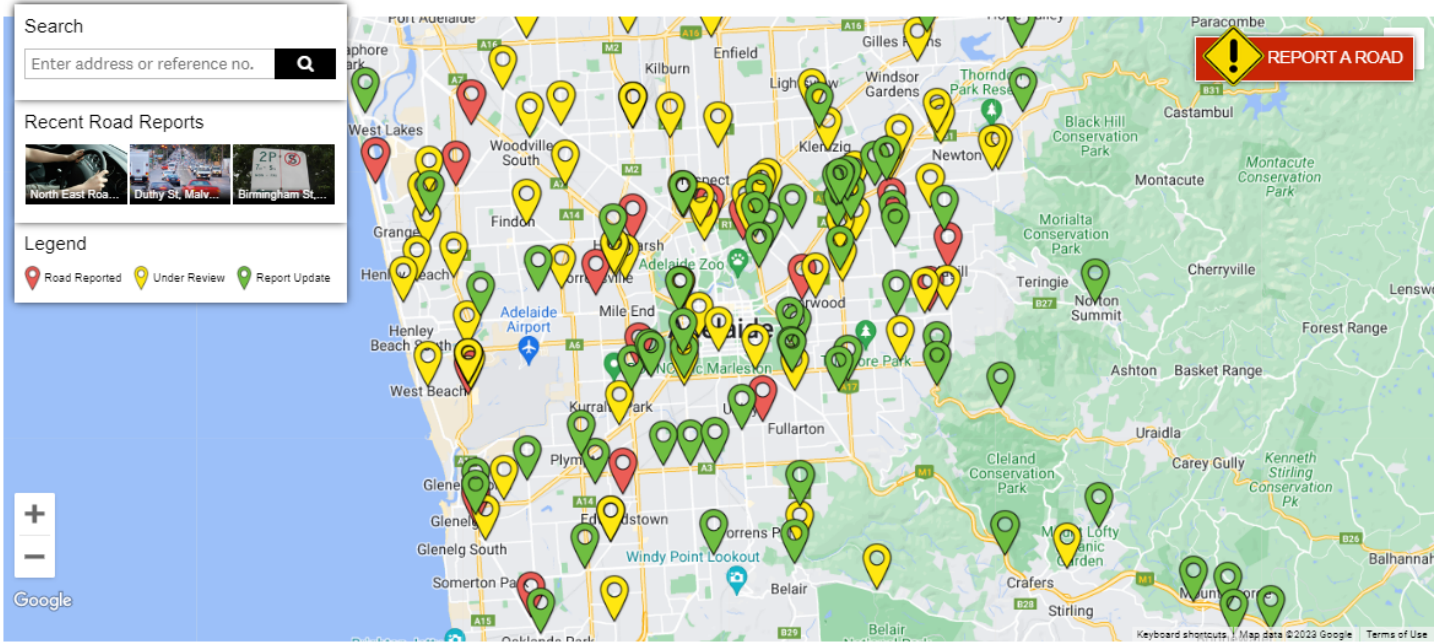
## Report a Road

South Australia has a large network of roads, which can make it difficult for road authorities to keep a regular eye on every part of it.

Report a Road assists motorists to notify the relevant authority about any issues on South Australian roads, via RAA's Safety and Infrastructure team.

The map below includes the last 18 months of nominations, including details about any action that has been taken. If there's a road, intersection, or pathway that you would like to notify us about, please [report the issue](#) to let us know about it.

If you would like to contact the Safety and Infrastructure team directly regarding a report, please contact us by email at [roadsafety@raa.com.au](mailto:roadsafety@raa.com.au) or phone on 8202 4517 and quote your report reference number if possible.



Fullarton SA 5063, Aus... Fullarton SA 5063, Aus... Marion Rd, Plympton P... Fox Ave & O G Rd, Kle... Norton Summit SA 513... Vailima Ct & Hackney ... Glenelg SA 5045, Austr...



# RAA Fact Sheets



Fact sheet | Sharing the road with heavy vehicles



## Sharing the road with heavy vehicles

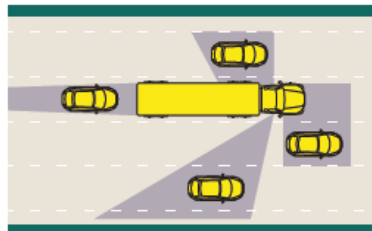
Between 2014 and 2018, heavy vehicles were involved in 18 per cent of fatal vehicle crashes. They present a major road safety issue because of their size, mass and inability to stop or change direction as quickly as smaller vehicles in an emergency.

Motorists need to be aware of the difficulties associated with driving a heavy vehicle, and to keep this in mind when sharing the road with a truck, road train or bus.

### Avoid heavy vehicle blind spots

Heavy vehicles have four blind spots that motorists should avoid:

- beside the truck's left door
- by the truck's right door
- directly behind the truck
- immediately in front of the truck.



### Travel at a safe following distance

Heavy vehicles take time to accelerate and slow down, so it's important to stay at a safe distance when following them.

- Following too closely will limit how far ahead of the vehicle you can see.
- If you can't see the vehicle's mirrors, then the driver can't see you.
- Allow enough time to stop safely, especially in wet weather.
- If the vehicle has a 'Do Not Overtake Turning Vehicle' sign, it's allowed to take up more than one lane when turning. Be aware of this when you're turning near a heavy vehicle.
- Don't stop too close behind a heavy vehicle on an uphill grade, as it may roll back slightly.

Stay at a safe distance when following heavy vehicles.



Fact sheet | Vehicle lights explained



## Vehicle lights explained

There's some confusion in the motoring world about the use of fog lights, driving lights, daytime running lights (DRLs) and parking lights.

This fact sheet explains how these lights differ and what role they play.

### Daytime running lights (DRLs)

DRLs are a modern safety feature designed to help oncoming drivers see your vehicle during the day. They're usually an LED type light and are commonly positioned around the normal headlight casing. DRLs are illuminated as soon as the vehicle's ignition is switched on. They're not intended to be used as fog lights, and keep in mind that the tail lights don't come on with DRLs.



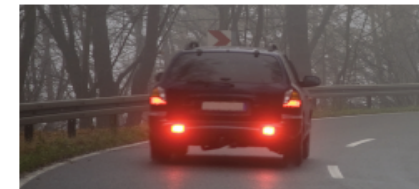
Different types of DRLs.

### Fog lights

Under section 217 of the Australian Road Rules:

- 'front fog light' means a light (other than a headlight) fitted to the front of a vehicle to improve illumination of the road in fog, snowfall, heavy rain or dust clouds
- 'rear fog light' means a light (other than a brake light, a tail light, a number plate light or a reversing light) fitted to the rear of a vehicle to make the vehicle more easily visible from the rear in fog, snowfall, heavy rain or dust clouds.

These lights have a specific purpose and must only be used in the poor visibility conditions listed in the rules above. It's important to turn them off when conditions improve because they can dazzle oncoming drivers. Using them in clear conditions can attract a \$260 fine, plus a \$60 Victims of Crime Levy.



Rear fog lights.



# Speed Limits

---

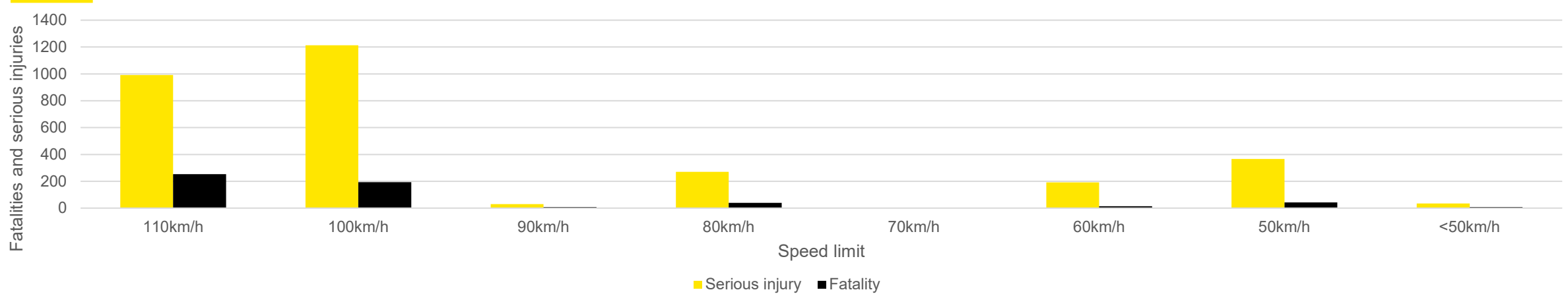
**Australian Standard AS 1742 Manual of Uniform Traffic Control Devices - Part 4**

## **Objective of Speed Management**

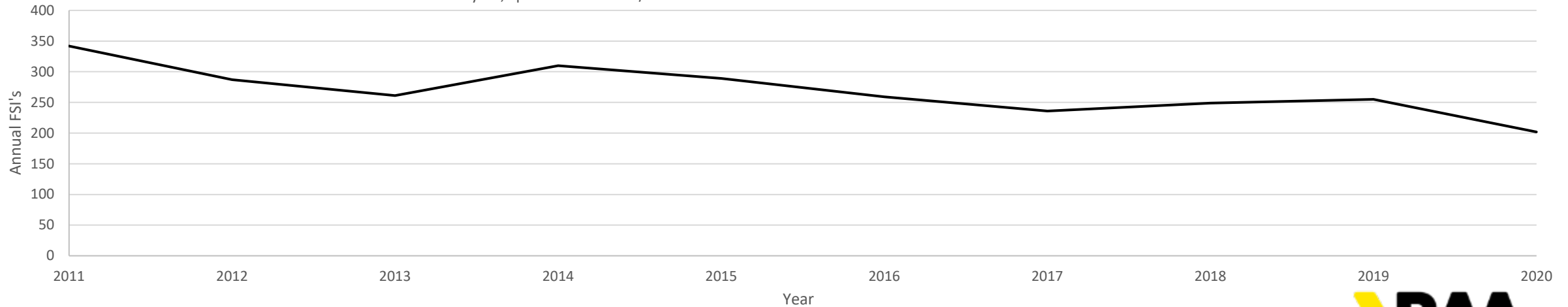
- **To contribute road safety, mobility and amenity on public roads by providing a system of speed limits that are compatible with the speed environment**
- **They should be set so as to encourage a uniform speed of travel and reduce conflicts due to speed differential between vehicles**
- **Austrroads Guide to Road Safety - Speed limits and Speed Management**

# Regional Road Safety - Impact of speed on crashes

Fatalities and serious injuries on country SA roads for the decade between 2011-2020  
Compared with prevailing speed limit



Fatalities and Serious injuries (FSI's) for the decade between 2011-2020  
Country SA, speed limit >80km/h



# Impact of road environment on crashes



## Safe System Assessment:

### Exposure

Treatments to remove conflict e.g. full/partial road closure (e.g. right turn bans), segregated bike paths.

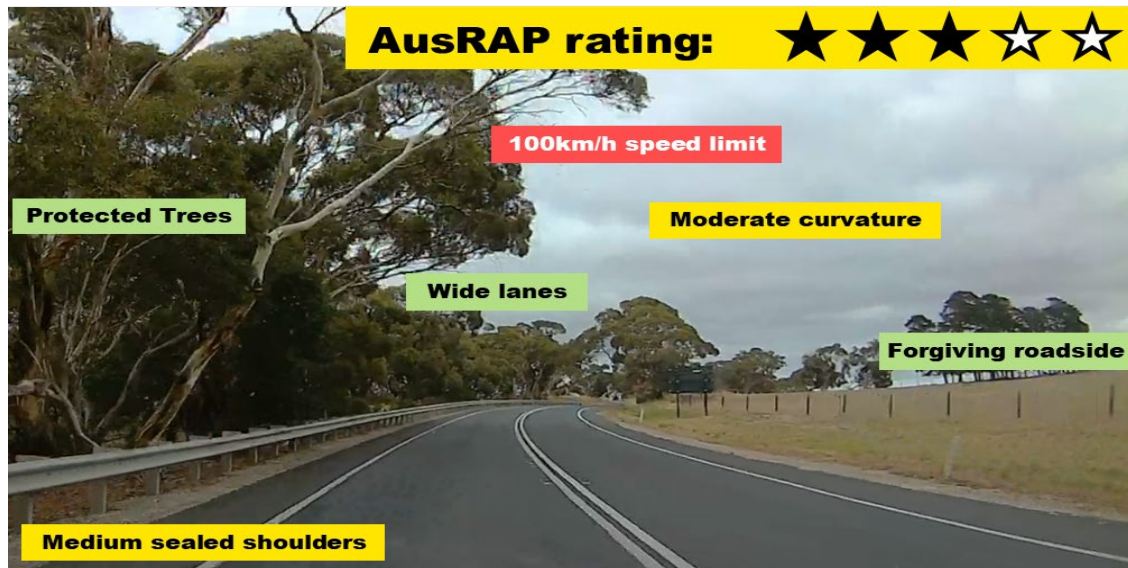
### Likelihood

Treatments to reduce chance of crash occurring, e.g. wide sealed shoulders, audio tactile edge lines, overtaking lanes, wide centrelines, reduced speed limits.

### Severity

Treatments that reduce the chances of fatal or serious outcome in the event of a crash, e.g. reduced speed limits, improving intersection crash angles, installing crash barriers

# How good are our roads?



## iRAP/AusRAP Star Rating:

- A 40% reduction in fatal and serious crashes can be achieved by each incremental increase in star rating.
- iRAP data and research shows that a typical three star rated road has 64% fewer fatal and serious crashes per kilometre travelled than a typical one star rated road.
- Star rating considers more than 60 factors over 100m road segments including traffic volume, road width, speed limit, type and proximity of roadside hazards, curves/crests and intersections.

# Victor Harbor Road - All Stars Road

Mt Jagged

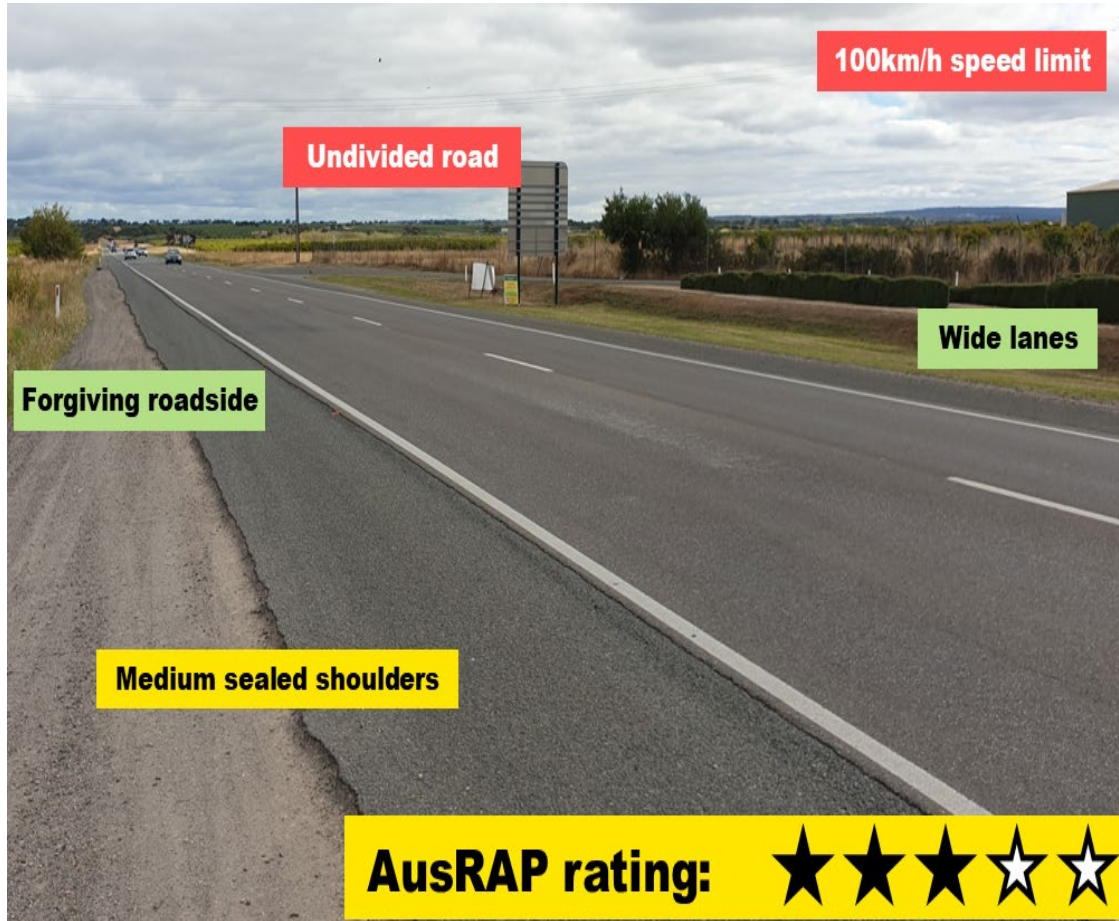


Hindmarsh Valley



# Victor Harbor Road

Willunga

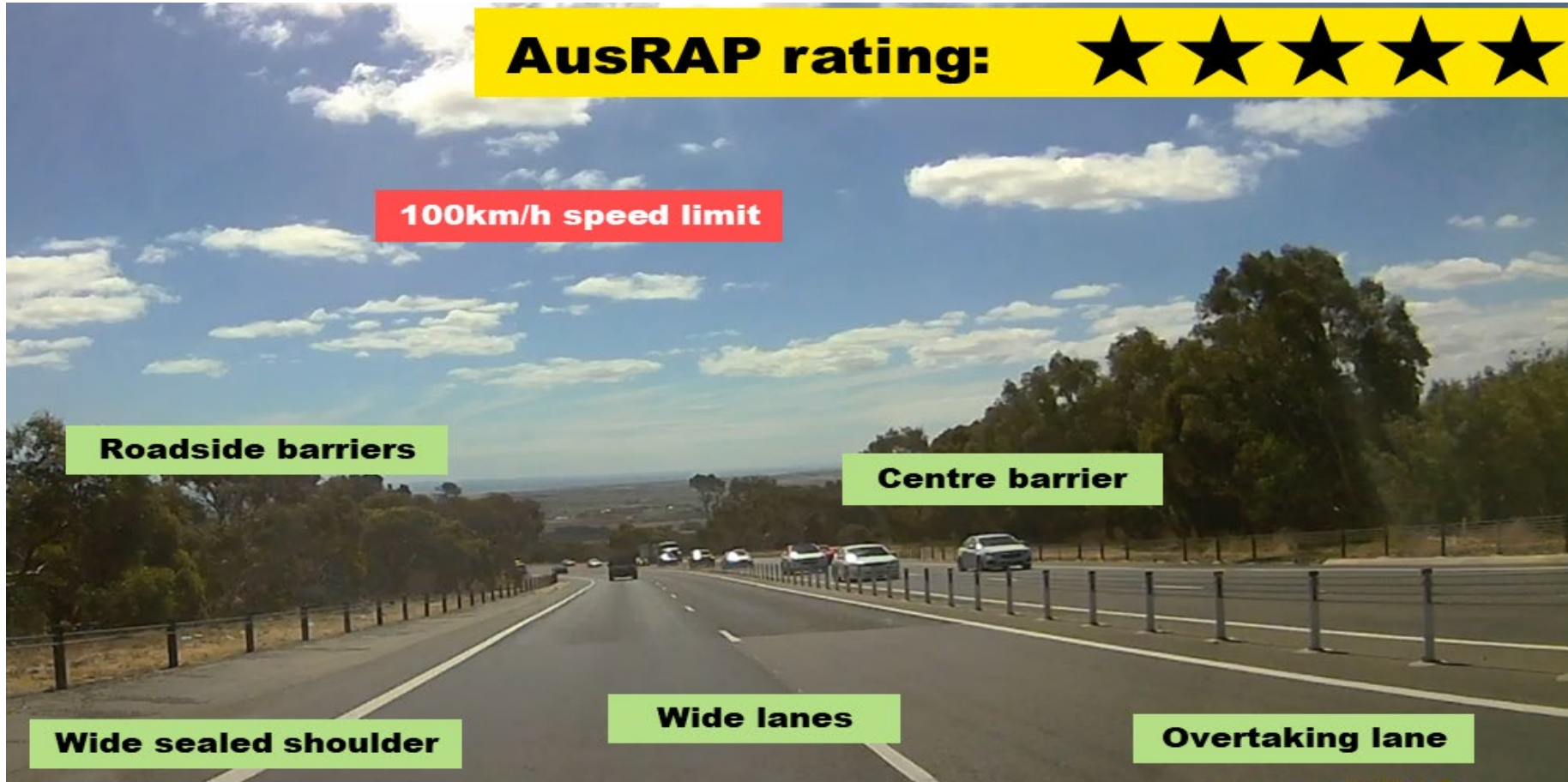


McLaren Vale



# Victor Harbor Road

Willunga Hill

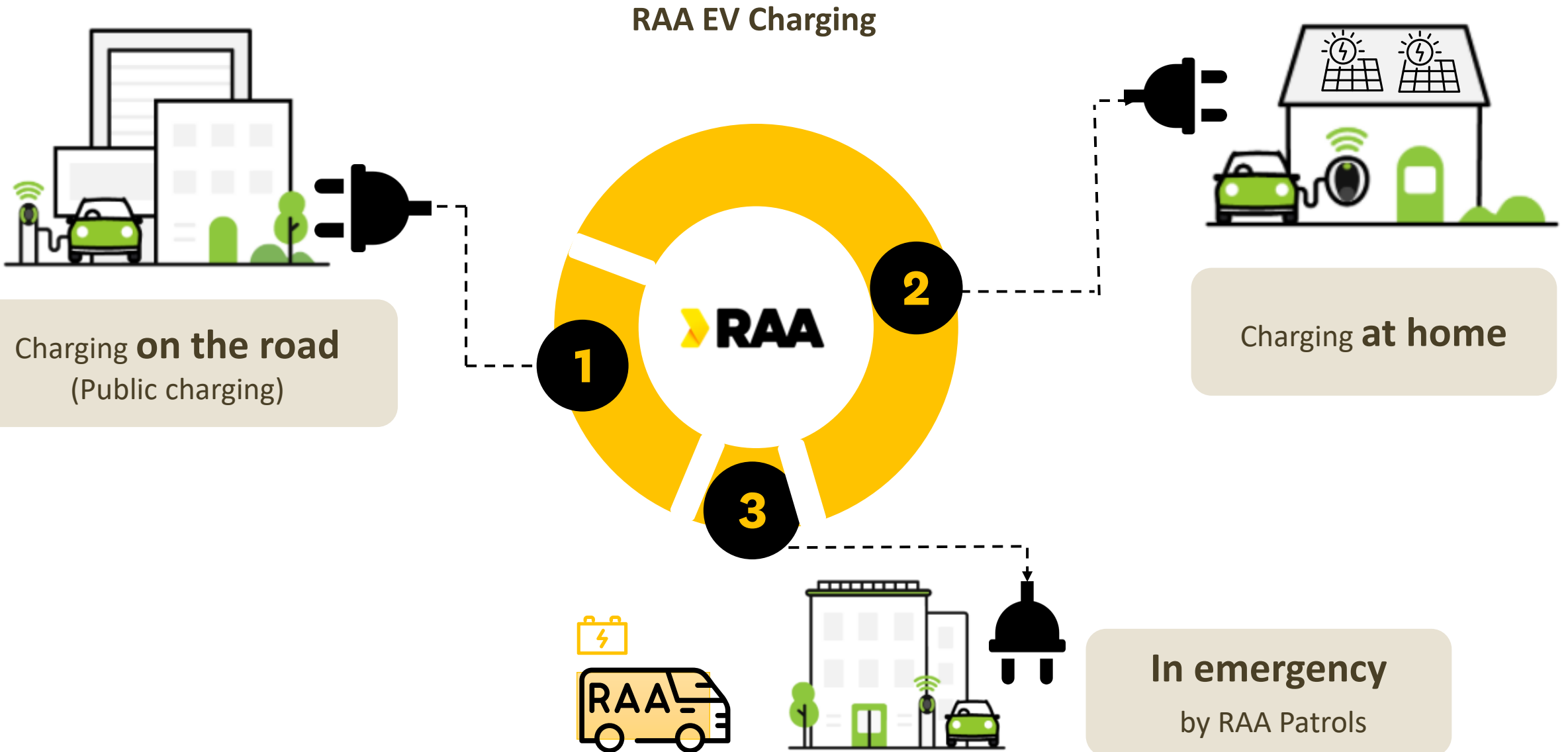






# South Australia's EV Charging Network

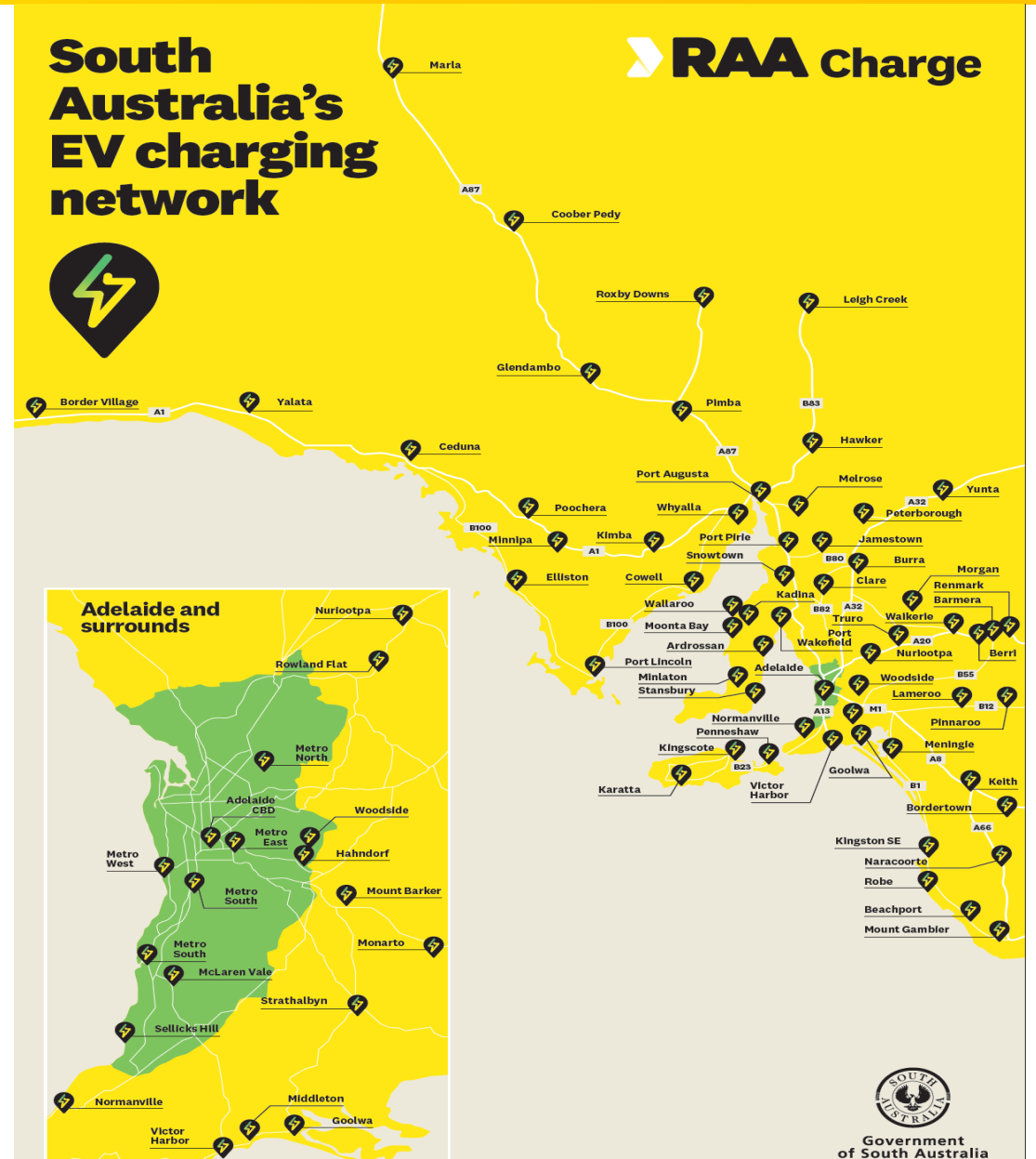
# RAA EV Charging Proposition



# We are building the state's first EV charging network

## What is it?

- Australia's first border to border charging network.
- **140** charging **sites** equipped with over **530** charging **plugs** across the state.
- **86 AC “fast”** charging sites located within Hotels, Motel and Adelaide CBD carparks.
- **54 DC “rapid & ultra-rapid”** charging sites located at Shopping Centres, Public carparks and along highway roadsides.



# RAA Charge is now live!



# Pricing details



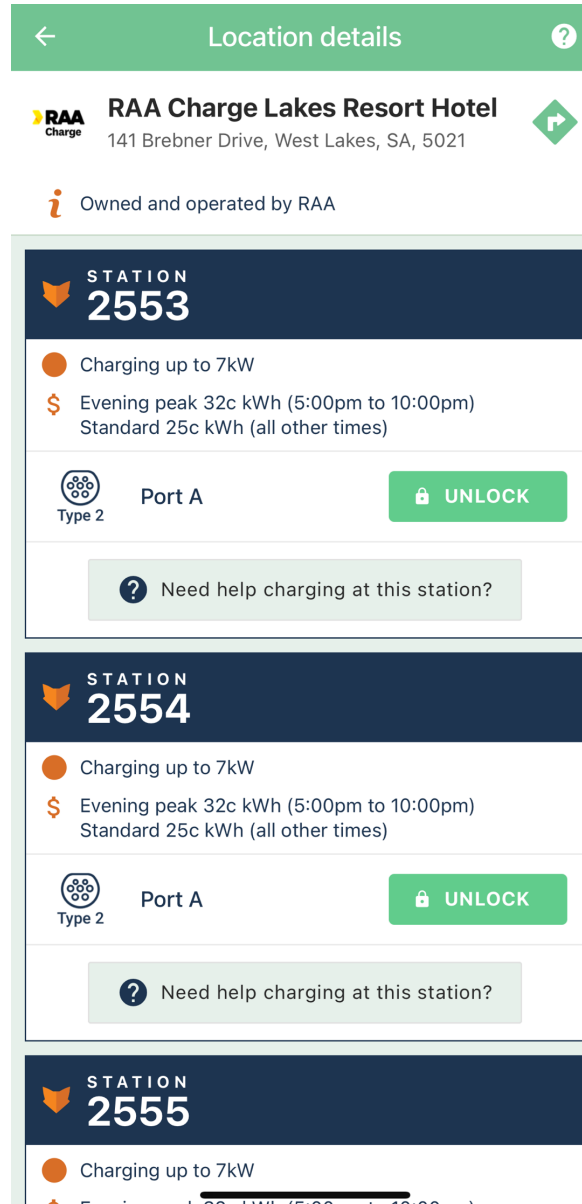
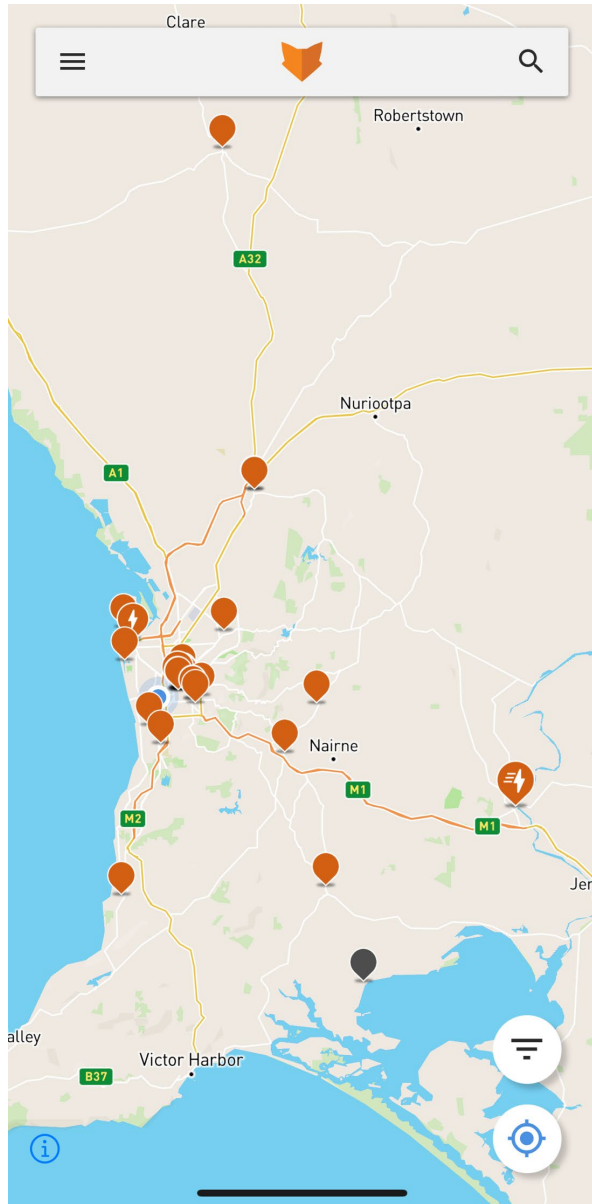
**AC dynamic pricing model**

Daytime: **25c kWh**

Evening peak times (5:00pm – 10:00pm): **32c kWh**

RAA 10% Member discount for first 12 months.

# How does it work?



CHARGEFOX

- The RAA Charge network will be accessible to customers via the Chargefox platform
- No physical card required!
- Chargefox is the largest EV charging network provider in Australia and New Zealand
- Available via the Google Play Store and Apple App Store



---

# Thank You