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# TRAINING ROAD SAFETY BARRIERS

This course has been updated to include recent changes to guidelines including **AGRD Part 6** and the transition to **MASH standards**

20, 21, 22 JULY 2021 - MELBOURNE

## ROAD SAFETY BARRIERS I FUNDAMENTALS (ONE DAY)

This course provides attendees with an understanding of the fundamentals of road safety barriers, including the types of road safety barriers, identification of hazards, the appropriate use of barriers and the testing standards.

This course is a pre-requisite for those wishing to attend the Road Safety Barriers II - Applications course (unless an exemption is sought from VicRoads Network Design Services).

## ROAD SAFETY BARRIERS II APPLICATIONS (TWO DAYS)

Attendees to this course are required to have completed the Road Safety Barriers I - Fundamentals (online in 2020 or face-face version) course or have received an exemption from VicRoads Network Design Services.

This advanced Road Safety Barrier course further develops the attendee's knowledge of the life cycle of road safety barriers, from design through to installation, inspection and maintenance. The opportunity to meet industry suppliers and inspect sample barriers is also provided.

Following the successful completion of this course attendees will be recognised on the published list of Road Safety Barrier Professionals on the VicRoads website.

### PRESENTERS



**Evan Coulson**  
A/Manager, Road Design & Safe System  
Engineering  
Department of Transport



**Jamie Robertson**  
Technical Lead  
Safe System Solutions Pty Ltd

Evan and Jamie will be joined by specialist guest presenters throughout the course.

### Road Safety Barrier Course Agenda

#### Day 1 - Road Safety Barrier Fundamentals

- Introduction
- Overview and design fundamentals
- Hazard identification
- Design philosophy and the Safe System
- Barrier systems overview
- Barrier performance requirements
- Crash testing
- Accepted barrier products and process

#### Day 2 - Road Safety Barrier Applications

- Introduction
- Longitudinal barrier systems
- Crash cushions and attenuators
- Design philosophy and the Safe System
- Suppliers display / lunch
- Barrier selection
- End terminals
- Transitions
- Common design challenges
- Other considerations

#### Day 3 - Road Safety Barrier Applications

- Review of Day 2
- Site inspections for barrier design
- Site visits / practical exercises
- Installation and maintenance issues
- Damage assessment and repair procedures
- Translating designs into practice
- Design exercises
- Design documentation / presentation
- Barrier life cycle and best value
- Temporary barriers

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