

# Construction Trucks and Community Safety Project

## Fact Sheet

Information update  
May 2023

This project has been created to help state and local governments, developers, and utility providers better manage their construction projects, and the construction industry improve the delivery of their projects, with more consideration for the safety of Vulnerable Road Users (VRUs).

Through a partnership between the state government, non-government organisations and industry, the *Construction Trucks and Community Safety Project* has developed a variety of tools and new ways of working to improve the safety of pedestrians, bicycle riders and motorcyclists, when they are travelling near worksites and construction trucks.

These initiatives have included developing a number of model contract clauses which can be embedded in construction contracts to help protect vulnerable road users. In addition, a number of other resources have been generated to improve pedestrian, bicycle rider and motorcycle rider safety, and improve heavy vehicle driver awareness of VRUs.



### Component parts

#### Truck Standards

To help improve safety, we've developed the following recommendations on truck safety features to increase the safety of construction trucks:

- Trucks should have side under-run protection
- The truck's front, rear and side blind-spots should be eliminated or minimised through the use of visual aids, sensors and audible or visual alerts
- Trucks should be fitted with audible indicators to alert other road users when they're turning left
- Trucks should display prominent signage, warning other road users of the dangers of travelling too close to trucks
- Increase truck visibility with the use of fluorescent and retroreflective markings to outline the body of the truck and trailer, and increase the visibility of the drawbar
- Trucks should achieve a minimum of Euro 4, but preferably Euro 5 or above emission standards, in order to protect the air quality for all road users, including truck drivers.

## Truck Driver Training

Construction truck subcontractors should support truck driver awareness and knowledge of truck safety by offering training and continuous professional development around on-road hazards and driving safely near vulnerable road users.

This training should be continuous and include a mix of theoretical, practical and on-the-job training.

## Traffic Management

The information developed focusses on safe, temporary traffic management to better accommodate vulnerable road users.

The document *Safety Essentials: Accommodating Pedestrians and Bicycle Riders at Temporary Road Works* ensures the highest standard

of traffic management planning, that follows all standards required, in order to provide for the safe and secure movement of vulnerable road users around temporary traffic management sites.

## Safe Route Selection

The Human Impact Route Assessment (HIRA) tool is a workshop process to help with the selection of appropriate truck routes to minimise their interaction with vulnerable road users. It helps participants investigate the impact of different routes on the safety of VRU and examine community impacts. It helps project haulage avoid routes that go through areas of high VRU use where possible or implement suitable protection mechanisms where necessary.

## Key Partners

- Department of Transport and Planning
- Transurban
- TAC
- Bicycle Network
- Municipal Association Victoria (MAV)

## Find out more

For more information, visit the VicRoads website and search '[Construction Trucks and Community Safety](#)'.

**Visit:** [vicroads.vic.gov.au](http://vicroads.vic.gov.au)  
**Email:** [roadsafetyvictoria@roads.vic.gov.au](mailto:roadsafetyvictoria@roads.vic.gov.au)