



Monthly Newsletter #23

A good practice approach to
protect all Australian road users



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Welcome to the CLOCS-A Newsletter!

CLOCS-A is centred around all road users sharing the responsibility for road safety in relation to construction logistics creating a win-win scenario for industry, government, truck drivers, major projects and the community

News

NRSP and the Construction Trucks and Community Safety project, Victoria release the Construction Trucks Toolbox Talks. Topics of the month:

- [Blind Spots](#)



- Blind spots are areas around a vehicle that are not directly or indirectly visible to the driver. There could be pedestrians or cyclists in your blind spots at any time. Slow down. Try to anticipate their movements.

- [Cyclists](#)



- Trucks overtaking bicycle riders generate pressure and suction forces on bike riders that can cause them to lose balance and increasing the risk of a severe incident.
- Even in low-speed crashes with trucks, there is a high risk of bike riders losing balance and falling under the vehicle.

News

- [Pedestrians](#)



- Urban areas, where there are a high number of vulnerable road users, represent additional challenges and risks for truck drivers.
- Slow down and try to anticipate sudden movements.

NRSPP releases two new Heavy Vehicle Toolbox Talks. This month's topics are:

- [Driving Well & Driver Wellbeing](#)



- Wellbeing has been defined as a desirable human state that incorporates family, communities, and society, and is influenced by personal, social, economic, and environmental circumstances. It has been linked to personal and professional success, better physical health and longevity, and better individual performance.
- Driving, a common activity that for many is an essential part of their job, has been associated with high levels of stress and even aggression, also known as road rage. Though it can range from the regular commute to working as a professional driver, knowing the best response to distressing situations while on the road is important to keep everyone safe. Stress and tiredness, as well as combative reactions and aggressive driving, can often lead to lethal crashes.

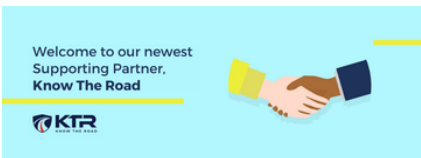
- [Empower Drivers](#)



- Empowerment can be defined as a relationship where a worker is given autonomy and the power to make decisions and speak up.
- Making sure staff are empowered to identify and report potential issues and propose solutions, reaffirms safety is everyone's business.

News

- [Welcome To Our Newest Supporting Partner, Know the Road](#)



- CLOCS-A is happy to welcome on board our new Supporting Partner, Know the Road.
- [Know The Road](#) provides consulting, auditing and training services to small and medium businesses who interact with or are part of the logistics supply chain.
- [TCA's data sharing initiative aims to improve visibility of construction vehicles across Australia](#)



- Data-sharing initiatives are led by industry associations and their participating member organisations, in partnership with Transport Certification Australia (TCA).
- Industry association members wishing to participate, voluntarily share their telematics data with TCA. By visualising the aggregated and anonymised data through its Telematics Analytics Platform, TCA helps the stakeholders gain insights into their sector.

- [Government Needs to Protect All Roadside Workers and their Customers](#)



- RACV is calling on the Victorian Government to change the road rules to ensure emergency roadside assistance workers and tow truck drivers who work alongside fast-moving vehicles are protected, as well as their customers.
- [The Australian Government Implements Safer Freight Vehicles Package](#)



- Assistant Infrastructure and Transport Minister Carol Brown announced the five-centimetre width increase for new trucks fitted with advanced safety features.

Cement Concrete & Aggregates Australia Victorian Health and Safety Seminar August 31 2023



Thank you to all those who joined us for our Victorian Health & Safety Seminar on the 31 August 2023. An important afternoon engaging on #mentalhealth #driversafety and safety in the workplace.

Inspiring work by our CCAA members to keep our people safe.
#bettertogether !

Thanks also to our fantastic line up of speakers who gave their time and inspired with their presentations.

Dr. Narelle Beer, Adam Ritzinger, Jerome Carslake NRSPP, Karyn Welsh FCILT/CLOCS-A, Sarah Anderson, Greg McLoughlin, Tony Combridge and Chris Smith

CLOCS-A presents at the Australian Trucking Association's Technical Maintenance Conference (TMC) October 16th 2023



After four years the Australian Trucking Association's TMC at Kagan's Automotive Institute hosted a myriad of great technical presentations with regard to the current and future directions of innovation especially in the road transport industry.

The CLOCS-A team of Karyn Welsh, Jerome Carslake and Kim Hassall outlined the history, development, future implementation, and implication of the CLOCS-A standard on drivers, trucks and auditors. The CLOCS-A trio drew high interest followed by a large number of questions.

Two of the CLOCS-A and CILTA team also attended the gala dinner where Shane Pendergast won the prestigious Craig Roseneder Castrol Vecton award.

CILTA will also attend and present at the forthcoming international HVTI17 conference in Brisbane which is being held for the first time physically since the Covid-19 pandemic. Again our focus will be on safety and productivity which are also essential inputs into CLOCS-A standard.

[Falco Construction Case Study](#)



- Sourced by CLOCS UK
- Parksafe Group have been working with Falco Construction, a Multi Utility Contractor to upgrade their fleet of vehicles with a tailored safety and security solution to maximise the safety of Vulnerable Road Users (VRU) and their employees.
- Jason Shreeve, Fleet & Facilities Manager at Falco Construction highlighted the success of Parksafe Group's connected solution.

Construction Cost Changes:

- Recent ABS data shows that over the last year and the last quarter construction costs was not too different to national inflation. However, over the last two and three year period there has been a massive difference between the two indices. Over the two year period construction costs outpaced inflation by almost 5.5% and over the three year period construction costs outpaced inflation by 8.5%. This has obviously caused significant developer stress.

Table 1:

Period	Change	Inflation
Sept Qtr	1.32%	1.19%
1 Year	5.06%	5.37%
2 Years	18.50%	13.03%
3 Years	24.95%	16.44%

[MUARC's Improving Heavy Vehicle Vision Around Vulnerable Road Users](#)

MUARC's Improving Heavy Vehicle Vision Around Vulnerable Road Users



MONASH
University

ACCIDENT
RESEARCH
CENTRE

- MUARC and the [National Road Safety Partnership Program \(NRSPP\)](#), in partnership with the [Truck Industry Council \(TIC\)](#) are working to improve heavy vehicle drivers' vision of vulnerable road users. There is currently little international regulation governing vision requirements for heavy vehicles, with pedestrians and cyclists particularly vulnerable. Each year across Australia, four pedestrians are killed and 14 hospitalised in impacts involving a rigid truck in speed zones of 60 km/h or less. The project aims to provide a vision assessment framework for heavy vehicles used primarily in urban areas, along with evidence-based, cost effective and practical recommendations guiding the implementation of measures addressing the driver and the vehicle. The project, funded by the Australian Automobile Association (AAA), is expected to be completed in November 2024.

Events

- **It Makes Good Business Sense: WELL DRIVERS DRIVE WELL**

Thursday, 9 November 2023
11:00am to 12:00pm AEST
Virtual

Driving is the most dangerous task a worker will be asked to undertake. In fact, vehicle use in road traffic is by far the most significant contributor to work-related traumatic injury, with two-thirds of worker traumatic injury fatalities in the past 20 years involving a vehicle, and half of those occurring on a public road. While 'wellness' has become something of a buzzword, there is a well-established link between driver wellness and driving well, and taking simple steps to improve the wellness of professional drivers will drive road safety and wider benefits for them, their employers, and the whole community.

Register [here](#)

- **CLOCS Safety Forum #19 - Brake, let's talk about speed**

9 November 2023 2023
1:00pm to 2:00pm AEST
Teams

We will be joined by Lucy Straker from the road safety charity Brake, who will give an overview of the upcoming Road Safety Week and their Brake5 challenge, plus conduct an interactive survey which aims to start people talking about why speeding is so socially accepted and what we can do to make our roads safer.

Brake's Road Safety Week is happening from 19-25 November 2023 and this year's theme is 'Lets talk about speed'. With 5 people dying on UK roads every day, why do we still think it is ok to speed? This forum will go through the ways that you can start and contribute to the debate and get involved with this year's much anticipated campaign. Plus give us all the chance to answer questions like 'is it ever ok to speed?'"

Register [here](#).

WELL DRIVERS DRIVE WELL

Presented by:
WELL
Thursday 9 November 2023 | 11:00am AEST

The Workforce Institute | CLOCS | ERSCA



CLOCS Safety Forum #19 - Brake, let's talk about speed

Thursday, 9 November, 2023
1:00pm to 12:00pm AEST | Teams



Events

- **Next Steps For Injury Prevention Webinar**

Tuesday, 21 November 2023
11:00am to 12:00pm AWST
Virtual

The [Australasian Injury Prevention Network](#) in collaboration with the Public Health Association Australia and Injury Matters are hosting a webinar on the Next Steps for Injury Prevention.

Join us for this discussion starter to hear from leaders in Australian Injury Prevention and Safety Promotion reflecting on the current challenges, areas for future developments, and the skills that the workforce will need to be swift in addressing threats and responsive to opportunities.

Register [here](#).



**Next Steps for Injury
Prevention Webinar**

- **23rd World Congress on Safety and Health at Work**

27 to 30 November 2023
9:00am to 5:30pm AEST
In person

The World Congress is hosted by the International Labor Organization, the International Social Security Association and SafeWork NSW, with an aim to create international connections, hear different perspectives, and learn new skills to lead safety and health in the future of work.

Across the four days, you'll have your pick of over 30 workshops, 24 symposia, six technical sessions, and three keynote speakers.

Register [here](#).



**23rd World Congress on
Safety and Health at Work**

Sydney 2023



CLOCS-A Case Studies

Case Studies

1. Left Turn Audible Alarm

- Stakeholder: Transurban
- Focus: Preventing Left-Turn Incidents and Protecting Vulnerable Road Users in the West Gate Tunnel Project with Left Turn Audible Alarms
- Status: Undergoing industry partner review

2. Left Turn Audible Alarm

- Stakeholder: MTIA
- Focus: Left-Turn Audible Alarms: Keeping Vulnerable Road Users Safe in Australia's Largest Transport
- Status: Finalised. View [here](#).

3. Side Underrun Protection

- Stakeholder: Eather Group
- Focus: A Proactive Approach to Protecting Vulnerable Road Users: The Eather Group's Implementation of Side Underrun Protection Systems.
- Status: Finalised. View [here](#).

4. Fleet Management Systems (Telematics)

- Stakeholder: John Holland/CPB Contractors
- Focus: Efficient Fleet Management: How Telematics Management Systems Transformed the Rozelle Interchange Project.
- Status: Pending industry partner approval.

5. Conspicuity Markings

- Transurban.
- Focus: Improving Vehicle Visibility for Safer Roads.
- Status: Finalised. View [here](#).

6. Constructing the Central Station Feature Roof

- Stakeholder: Laing O'Rourke
- Focus: Design for Manufacture and Assembly - Central Station Roof
- Status: Finalise. View [here](#).

7. Be Truck Aware

- Stakeholder: Transport for NSW (TfNSW)
- Focus: TfNSW's Educational Campaign: Teaching the Community to 'Be Truck Aware' During Major Construction Projects.
- Status: Awaiting evaluation results.

8. Truck Ride Along

- Stakeholder: Holcim CLOCS-A, Holcim and NRSPP.
- Focus: Bridging the Gap between Heavy Vehicle Drivers and the Community.
- Status: Finalised. View [here](#).

9. Contract Clauses

- Stakeholder: Sydney Metro
- Focus: Sydney Metro's Case Study Contract Clause Improving Contractor Safety Practices
- Status: Being developed

10. High Impact Risk Assessment (HIRA) TOOL

- Stakeholder: Victorian Department of Transport and Planning.
- Focus: Application of tool which can be used to assist route selection and avoid sensitive land use areas/ local roads.
- Status: Finalised. View [here](#).

11. Temporary Traffic Management

- Stakeholder: Victorian Department of Transport and Planning.
- Focus: Safety management of traffic (trucks and vulnerable road users) on a major transport supply conduit for a major infrastructure project.
- Status: Finalised. View [here](#).

12. Swapping Seats

- Stakeholder: Victorian Department of Transport and Planning.
- Focus: Focused community engagement where trucks feature at public events/spaces to sit in a truck and understand what a driver can and cannot see.
- Status: Finalised. View [here](#).

Feature: Victorian Case Study – Swapping Seats

Victorian Case Study – Swapping Seats

Rail Projects Victoria is building the Metro Tunnel Project, including five new underground train stations and twin 9km tunnels under Melbourne. Many of the project's construction sites are located in the Melbourne CBD.

As part of the effort to ensure active transport users are kept safe during the construction period a communications campaign was created with a focus on the following three behaviours to improve cyclist safety:

- Anticipate & React to Turning Vehicles
- Be Seen and Know Blind Spots
- Communicate with Others

Swapping seats was an activation commissioned by Rail Projects Victoria and developed and delivered by Bicycle Network to help deliver the key safety messages developed.



Swapping Seats

Case Study

Key Safety Focus:
Truck Blind Spot Awareness

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Swapping seats was an interactive activation commissioned by Rail Projects Victoria and developed and delivered by Bicycle Network to help deliver the key safety messages developed.

As part of the effort to ensure bicycle riders are kept safe during the construction period a communications campaign was created with a focus on the following three behaviours to improve cyclist safety:

- Anticipate & React to Turning Vehicles – "When I approach intersections and roundabouts, I will anticipate & react to turning vehicles by backing down, being patient, and not undertaking (passing on the left) a heavy vehicle any."
- Be Seen and Know Blind Spots – "When travelling with motorised traffic, I will plan myself where I can be seen."
- Communicate with Others – "When I am riding, I will proactively communicate with other road users."

The issue/ risk identified

Cyclists may not be familiar with cycling near construction trucks and therefore may not be aware of some of the risks that are inherent when large vehicles cannot see them because of having large blind spots. Turning vehicles can also be an issue as they cannot see cyclists in their blind spots as they turn, and they often move into the inside lane creating a space cyclists might think is ideal to move into.

Alerting cyclists to behaviours that enable them to remain safe in the presence of construction trucks was a key focus of the communication campaign.



Swapping Seats, Rail Projects Victoria | Page 1 of 3
Swapping Seats was a direct funding initiative. This case study has been developed by the Construction Traffic and Community Safety program in collaboration with CLOCS, the Construction Traffic and Community Safety program is a study undertaken and supported by Road Safety Victoria, Department of Transport and Planning, Victoria.



Download the full Case Study [here](#).

Feature: Victorian Case Study – Online HIRA Tool

Victorian Case Study – Online HIRA Tool

As part of the effort to ensure active transport users are kept safe during construction periods, a route selection tool has been developed to help construction companies determine the choice of route that provides the safest outcomes to vulnerable road users (VRUs).

The Human Impact Route Assessment ('HIRA') tool was developed by the Construction Trucks and Community Safety project route selection working group, including members from VicRoads and Aurecon who were part of the Metro Rail joint venture partnership.

The HIRA tool can be used by construction companies undertaking projects involving significant heavy vehicle movements to ensure their trucks are travelling on the safest routes, limiting interactions with pedestrians, bicycle riders and motorcyclists, or introducing suitable countermeasures to make particular locations safer.

Online HIRA Tool
Case Study

Making it easy to run a HIRA workshop and identify risks to vulnerable road users

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The HIRA tool, along with an instructional video, is now accessible online through the [VicRoads website](#).

The issue/ risk identified

Construction trucks often share road space and interact with other road users, including VRUs. With the increase of interaction between trucks and VRUs, there is an increase to the risk of collision between bicycle riders and pedestrians. Due to the sheer difference of weight and mass between the two, collisions often result in serious injury or fatality for the VRU.

Ultimately, the online HIRA tool is designed to enable key stakeholders to collaboratively determine the safest routes for construction trucks by reducing or minimising interactions with VRUs.

Online HIRA tool case study | Page 1 of 3
HIRA is a Construction Trucks and Community Safety project initiative. This case study was developed in collaboration with CLOCS-A. The Construction Trucks and Community Safety project is a multi-industry project supported by Road Safety Victoria, Department of Transport and Planning, VicRoads.

Download the full Case Study [here](#).

Feature: Victorian Case Study – Temporary Traffic Management

Victorian Case Study – Temporary traffic management

As part of the Construction Trucks and Community Safety project, the Department of Transport and Planning (‘DTP’) developed a suite of resources to assist temporary traffic management companies in their temporary traffic management planning around worksites. These are designed to improve temporary traffic management by increasing the safety of vulnerable road users (‘VRUs’), particularly pedestrians and bicycle riders.



Temporary traffic management Case Study

Safety Essentials: Accommodating Pedestrians and Bicycle Riders on Temporary Road Works.

As part of the Construction Trucks and Community Safety project, the Department of Transport and Planning (DTP) developed a suite of resources to assist temporary traffic management companies in their temporary traffic management planning around worksites. These are designed to improve temporary traffic management by increasing the safety of vulnerable road users (VRUs), particularly pedestrians and bicycle riders.

A key resource is the Safety Essentials: Accommodating Pedestrians and Bicycle Riders on Temporary Road Works Road Practice Guidance document.

This resource is designed to be used as a reference tool by companies that are in the process of developing and implementing Traffic Management Plans (TMPs) and Traffic Guidance Schemes in Victoria. The document summarises temporary traffic management industry standards and guidelines concerning pedestrians and cyclists, including those contained within the Australian Guide to Temporary Traffic Management (AGTTM).

The issues/ risk identified

There is currently in excess of 110 major roads and rail projects being delivered across Victoria, with a significant number of ongoing projects in the planning stages. Given the present transport construction boom, the need to ensure effective temporary traffic management planning to best protect VRUs is essential. Without sufficient planning and consideration, VRUs can be forced onto the road and be put at unnecessary risk.

Extensive temporary traffic management planning is required to minimise disruption to all modes of transport, and ensure that pedestrians and bicycle riders are kept safe. There is therefore a need to ensure that all those responsible for TRM around construction sites adequately consider the safety of pedestrians and bicycle riders in their planning.

Temporary traffic management case study | Page 1 of 2
Safety Essentials is a Construction Trucks and Community Safety project resource. This case study was developed in collaboration with CLOCSA. The Construction Trucks and Community Safety project is a multi-stakeholder project supported by Road Safety Victoria, Department of Transport and Planning, Victoria.



Download the full Case Study [here](#).

Acknowledgements

This newsletter has been developed by the Chartered Institute of Logistics and Transport Australia (CILTA) on behalf of the CLOCS-A project.

We would like to acknowledge the CLOCS-A [Steering Group](#), [Supporting Partners](#) and NHVR HVSI Funding.

Steering Group



Supporting Partners



We invite all organisations to sign onto the CLOCS-A [Memorandum of Understanding](#), for more information please contact Karyn.Welsh@cilta.com.au CEO of [the Chartered Institute of Logistics and Transport Australia \(CILTA\)](#) and host organisation for CLOCS-A.

