

## Dunedin Central Schools Cluster - a precinct approach to safety

Tuesday 13 November, 4:00pm – 4:20pm

Dunedin City Council commissioned ViaStrada to develop an area-wide approach to addressing road safety and parking issues around five central city schools. By considering the whole study area as one precinct (the “Central Schools Cluster”), a series of consistent treatments can be used to reinforce to all users entering the area (especially motorists) that they need to look out for other users (especially school pupils) and behave appropriately.

ViaStrada assessed current travel patterns, safety data, and spatial information collected from school children and principals. After a joint schools workshop and further consultation with bus service operators, NZ Police, and parking enforcement officers, a short list of options was identified. Potential treatments were grouped into four area-wide strategies that incorporate various components:

- Crossing points: addressing pedestrian accessibility and safety
- Gateway thresholds: for area visibility, crossing aids, and speed management
- Parking streets: relocating and concentrating parking supply
- Speed management: area-wide part-time or permanent lower speed zone

An implementation strategy presented three possible levels of treatment for each component. Each level has different cost, timing and road safety effectiveness characteristics. This enabled some low-cost “quick win” treatments to be implemented immediately, with longer-term projects identified that require more significant expenditure and redesign to make to road environment safer for all road users.

This presentation summarises the approach taken to identify the key issues and progress to date on the proposed treatments. Many of the consultation and implementation methods used in this project could also be applied to other towns.

### Dr Glen Koorey, Viastrada Ltd



Glen joined ViaStrada in 2016, having spent the previous 12 years with the University of Canterbury, and prior to that with Opus International Consultants. He has a PhD in Transportation Engineering, as well as Masters and Bachelors degrees in civil engineering and computer science. At Canterbury, Glen taught and undertook research and consulting in a range of topics in transportation and traffic planning, traffic engineering and management, highway geometric design, road safety, engineering design, and professional engineering skills. Glen specialises in road safety and sustainable transport, with particular interest and expertise in walking & cycling and speed/traffic management.