



Speed Management

About ViaStrada

ViaStrada is a transport planning and design consultancy based in Christchurch.

We provide professional services for national, regional and local authorities as well as for private clients throughout New Zealand and Australia. Our main service areas are:

- transportation policy and planning
- traffic engineering
- safety auditing and peer reviews
- planning and design for cycling and walking
- intersection design and modelling
- industry training
- network planning.

To find out more about us, and other projects we've worked on, get in touch or visit our website.



Speed has a major influence on road safety. Reducing speeds using measures like lowering speed limits, traffic calming and other initiatives can reduce the likelihood and severity of traffic crashes. The implementation costs of speed management policies range from cheaper, such as reducing the speed limit, to more expensive options such as adjusting the alignment and width of a section of road.

However, of the speed reduction tools available, lowering speed limits is often the most controversial within stakeholder groups. The effects of lower speed limits should therefore be monitored to provide evidence-based records which indicate the effect of a new limit on road safety.

What we do

ViaStrada has championed greater use of speed management within New Zealand for over a decade. Our work in this area includes:

- advising road controlling authorities on the development of speed management strategies and speed-limit-setting procedures
- undertaking research into speed-related initiatives in New Zealand and overseas
- developing scheme designs for traffic calming and other speed management treatments
- delivering papers and presentations on speed at industry conferences
- providing the media with technical comment on speed-related issues.

Project profiles



ViaStrada offers technical advice regarding speed management strategies and treatments for road controlling authorities, including analysis of NZTA MegaMaps data. We can help clients engage with the public, elected members, media and other stakeholders. Some of our recent projects are:

Dunedin City Council

2018–19: Implementation of lower speed limits in Dunedin School zones

Christchurch City Council

2019: Safety review of Christchurch central city 30km/h zone

2010–11: Investigation into a potential central city slow core for Christchurch

NZ Transport Agency

2020–21: With our partners Urban Connection, we are part of the national speed management panel for implementation of the Safer Speeds programme on State Highways

2019: Review of Wellington Safer Speed proposals for “Let’s Get Wellington Moving”

2014: Peer review of research into Public Acceptance of Safer Speeds

Environment Canterbury

2018–19: Development of Canterbury Regional Speed Management Plan

Tauranga City Council

2018–19: Safety review of Mt Maunganui 30 km/h zone

For more information regarding speed management, contact Glen Koorey.

Glen has over a decade of experience investigating speed management in New Zealand, through research, case studies and the development of operational speed management plans. He is a specialist in road safety crash investigation and reduction studies, an expert user of MegaMaps for speed and safety review, CAS for crash data extraction and analysis, and RAMM road geometry data. This toolkit allows Glen to develop databases for strategic analysis of road safety deficiencies. Glen’s research includes:

- assessing the effects of changes to NZ speed limits
- evaluating the impact of different speed management devices including speed humps, chicanes, rural home zones, on-street parking and speed cushions
- developing and validating a relationship between speed limits and street environments
- peer reviewing NZTA research on acceptance of and compliance with speed limits.

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