



## Speed Management

### Safe speeds are a crucial component of the Safe System.

Death and serious injuries are reduced through speeds that are safe and appropriate for the road function, design, safety and use.

The New Zealand Transport Agency's Speed Management Guide provides a framework for determining safe and appropriate speeds based on One Network Road Classification (ONRC), Personal Risk and Infrastructure Risk Rating. This information is made available to Road Controlling Authorities (RCA's) through the Safer Journeys Risk Assessment Tool (Mega Maps).

The team at Abley were involved in the development of the Speed Management Guide and Mega Maps. We are now assisting RCA's across New Zealand to identify high-benefit opportunities and implement speed management solutions.

#### Programme Development

Using our expertise in the Speed Management Framework and Infrastructure Risk Rating, we can review the Mega Maps outputs for your area and use this to build a Speed Management Programme. This involves reviewing high-benefit opportunities and identifying intervention strategies that consider local conditions, community views and the potential for death and serious injury reduction.

#### Speed Limit Bylaw reviews

We can assist with developing implementation plans, including identifying appropriate locations for speed limit changes based on local conditions. We also provide support and advisory services during the Bylaw hearing process. Good community and stakeholder engagement are essential for successfully implementing speed management initiatives. We provide technical know-how and give you the support you need to have challenging conversations with your communities.

#### Implementation

Speed limit reductions may need to be supported with physical treatments to effectively lower speeds. We can help you develop treatment plans with recommended best practice speed management interventions. Our CAD and geospatial teams can provide high quality implementation maps and scheme designs.

## Case Studies

### Christchurch City Speed Management Strategy



Abley has worked with Christchurch City Council review high-benefit speed management opportunities across the district to ensure there was consistency across the road network. A list of high-benefit corridors was developed, and site surveys were undertaken on thirteen of these. A range of treatment options were assessed for each site and corridor implementation plans developed.

### Road Risk Assessment, Case Studies and Engagement Guidance for Speed Management, Austroads



This report, which Abley prepared for Austroads, profiles a range of speed management interventions that were successfully applied in Australia and New Zealand. The report also identifies good practice guidance for engagement and consultation to effectively implement speed management interventions, for example messaging and the appropriate use of media.

### Queenstown-Lakes District Speed Management Implementation



Abley assisted Queenstown Lakes District Council with a district wide speed limit review and identified high benefit opportunity roads for speed management interventions. Detailed intervention plans were then developed for each high benefit opportunity road identified in the District. This included identifying the best locations for speed limit signage, recommended engineering treatments and scheme level CAD drawings.

In addition, Abley provided advisory services during the hearings for the Speed Limit Bylaw 2019, resulting in the Council adopting the bylaw with permanent speed limit reductions across the District. We are now assisting the Council with effective implementation of the speed limit reductions proposed in the bylaw.

*“My team has engaged Abley extensively over many years and have never been anything but impressed with their professionalism and enthusiasm to meet and often exceed our needs, cost effectively. The most recent work has been the delivery of the Speed Management Framework and associated mapping tool, which has not only received praise from road controlling authorities across New Zealand.”*

– Glenn Bunting, NZ Transport Agency



2019 Silver Winner at the ACENZ Innovate Awards of Excellence for the Safer Journeys Risk Assessment Tool (Mega Maps)



Our team of highly skilled transportation engineers and spatial analysts are experienced across all areas of speed management. If you wish to discuss your local speed management initiatives, please contact:



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