



# Brigham Creek to Waimauku

## Safety improvements

### How can we make rural roads and roadsides safer?

Head-on and run-off-road crashes account for 75 percent of fatal and serious injury crashes in New Zealand

#### Wire rope barriers

Wire rope barriers 'catch' vehicles before they run off the road and hit something less forgiving like a tree or another vehicle. The wire cables flex on impact, slowing the vehicle and pushing it back into its lane.



Reduces head-on crashes by 90%

Most deaths and serious injuries on New Zealand's rural roads occur on high speed, undivided routes

#### Wide centre line

Something as simple as widening the centre line on the road to increase the separation of traffic can reduce the likelihood of crashes. A wider centre line can effectively reduce crashes caused by fatigued and distracted drivers.

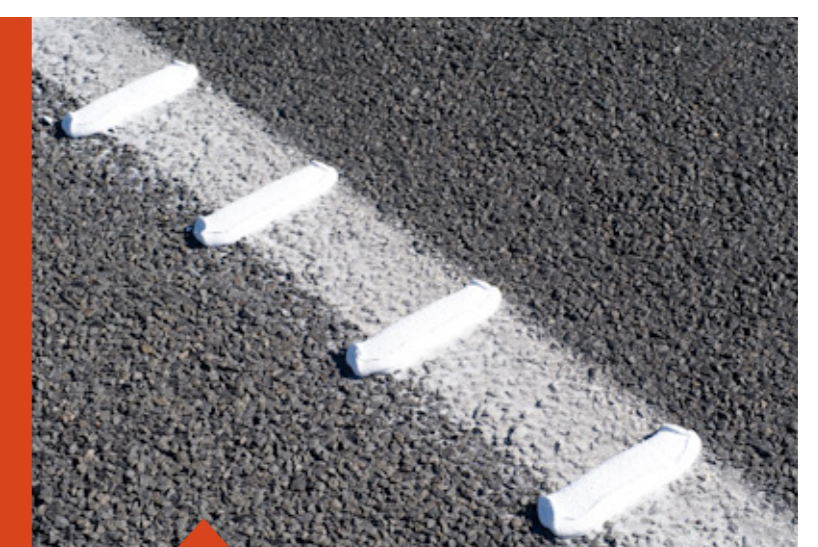


Reduces cross-centre line crashes by 40%

40 percent of fatal and serious injury crashes are from drivers losing control and running off the road

#### Audio tactile road markings (rumble strips)

Rumble strips are a cost effective way to reduce run-off-road and head-on crashes. Applied to centre lines and edge lines, the raised plastic ribs give distracted or fatigued drivers a 'wake-up' call if they stray across the line.



Reduces head-on and run-off-road crashes by 30%