

CBDS as per requirements in the Land Transport Rule Setting of Speed Limits 2024, Section 3.3

Cost Benefit Disclosure Statement – State Highways		Pre-Consultation				
Region	Canterbury					
State highway number	SH1S					
State highway section general description	Amberley South-From south end of Amberley to near Grays Road					
Class of Road (as per 'the Rule') *	Urban Connector					
Length (km)	0.9 km (approximate)					
Average annual daily traffic (AADT) Total	11185 vpd					
- Average annual daily traffic – light vehicles	9290 vpd					
- Average annual daily traffic - HCVs	1895 vpd					
Traffic growth rate (% per annum)	2 %					
Heavy Commercial Vehicle (HCV) %	16.94 %					
Existing Speed Limit (km/h)	80 km/h					
Proposed speed limit (km/h)	60 km/h					
<b>Estimated safety impacts</b>						
<b>Existing Speed Limit safety impacts:</b>						
Number and severity of crashes on the road.  <i>Note: Use 5 years data from CAS, or if new road is less than 5 years use crash data since road operational.</i>	Crash injury severity	Actual recorded crash number over <u>previous 5 years</u> (total)	Actual crash number <u>per year</u>			
	Fatal	0	0.00			
	Serious	1	0.20			
	Minor	3	0.60			
	Non-Injury	3	0.60			
	<b>Total</b>	<b>7</b>	<b>1.40</b>			
<b>Proposed Speed Limit safety impacts:</b>						
Future safety impacts, estimated for the number and severity of crashes on the road if speed limit changes.  <i>(Estimated crash numbers, over future 5 years, shown as an annual rate, then averaged over 5 years)</i>	Crash injury severity	Estimated crash number over future 5 years	Estimated crash number <u>per year</u>			
	Fatal	0	0			
	Serious	0.7	0.14			
	Minor	2.4	0.47			
	Non-Injury	Not calculated	Not calculated			
	<b>Total</b>	<b>3.1</b>	<b>0.61</b>			
Estimated Percentage (%) of <u>all</u> injury crashes	23% reduction in injury crashes					
<b>Estimated travel time impacts</b>						
Current Mean operating speed	72	km/h				
Estimated Mean operating speed (post speed limit change)	64	km/h				
Individual vehicle journey time - Light vehicles	daily	6	seconds increase per journey			
Individual vehicle journey time - Heavy vehicles	daily	6	seconds increase per journey			
Collective vehicle journey times	daily	18	hours increase for all vehicles per day			
Aggregated annual travel time increase/decrease?	yearly	270	days increase for all vehicles per year			
<b>Estimated implementation costs</b>						
Implementation costs may include such things as planning, road signs and markings, installation costs, overheads, and consultation and administration costs.	\$10,000 (estimated)					
<b>CBDS Disclaimer</b>						
Please note these figures are estimates, based on reported and predicted data drawn from existing locations throughout the country. While we do our very best to give accurate information, every region and road is different and unexpected or random events can result in variations to expected outcomes.						

Finalised on:20 November 2025