

Cost Benefit Disclosure Statement

Site 7 – Old Hautere Road	Length of Road: 4,061 m
AADT: 122-444 vehicles per day	Existing Speed Limit: 80 km/h
Class of Road: Peri Urban	Proposed Speed Limit: 60 km/h

Safety:

There has been one injury crash at this site over the last 5 years. The mean operating speed is expected to decrease by 6.3 km/h, resulting in a potential decrease of 0.02 expected injury crashes per year.

Travel Time:

It is expected that the mean operating speed will reduce by 6.3 km/h, and there will be an increase in travel time of 35 seconds for each vehicle and an estimated increase of 1,009 hours for all traffic over a year.

Implementation Cost

The implementation cost of this speed limit change is estimated to be \$1,500.

Summary

WSP prepared this statement based on Land Transport Rule: Setting of Speed Limits 2024, as of 15 January 2025, as per clause 3.3, which considers crash impacts, travel time impacts, and implementation costs (as shown in Table 1 below), for a proposed posted speed limit on Old Hautere Road of 60 km/h.

Table 1 - Travel time and Crash Impacts

Site	Existing Injury Crashes (5 years)	Expected Crash Change (per year)	Mean Speed Change	Travel Time Change Per User (seconds)	Travel Time Change Per Year (hours)
Old SH1 (Waerenga Road and Rahui Road)	1	-0.02 injury crashes	-6.3 km/h	35 seconds	1,009 hours