

Hobbiton and Health Impacts:

Learnings from Waikato's demonstration of the Speed Management Guide



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Healthy environment
Strong economy
Vibrant communities



Overview

- Previously at RCA forum
 - Speed Management Guide update
 - Changing the Conversation on Speed
- Recap on Waikato Demo Project
- Today's presentation
 - Waikato approach
 - Demonstration sites, outcomes
 - Case study - Te Awamutu
 - Questions



Speed management guide
Volume 1: the speed management framework



New Zealand Government



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Regional approach



- Waikato RTC/RCAs/Transport Agency + partners
- Regional Road Safety Strategy
- Business case: strategic and programme cases



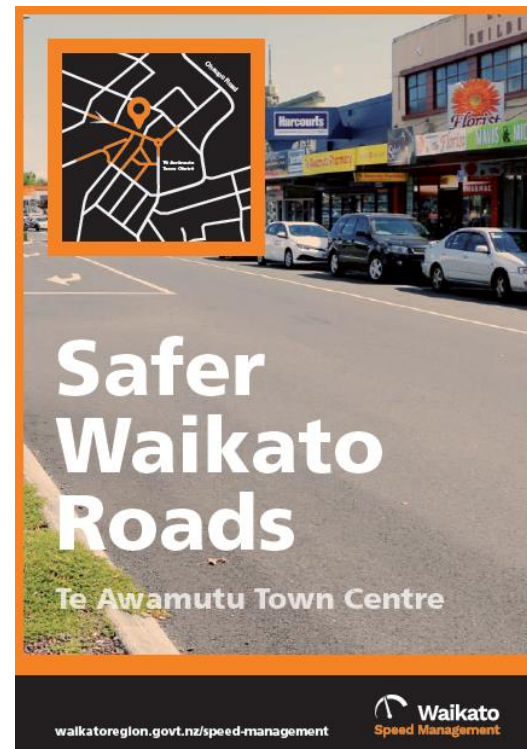
Regional goals

- Consistent approach to speed management
- Long term one network region-wide plan
- Common templates & processes
- Ongoing support for RCAs
- Regional Road Safety Strategy review



Demonstrating the Guide

- 8 demonstration sites
 - 7 speed reductions, 1 increase
 - 5 RCAs
- A new conversation on speed
- Stakeholder engagement/messaging workshops
- Early community engagement
- Health Impact Assessment in Te Awamutu
- Formal consultation



A new conversation on speed

Building community understanding



 **Waikato**
Speed Management

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Waikato
REGIONAL COUNCIL
Te Kaunihera ā Rohe o Waikato

Early engagement

- Early engagement by project team with support from councils
 - Drop-in sessions
 - Newspaper ads
 - Postcard drops
 - Media/social media
 - Webpages/online survey
 - Health impact assessment (TA only)
- Formal consultation
 - Lead by RCA (Waipa DC & Transport Agency)
 - Newspapers, social media, direct mail



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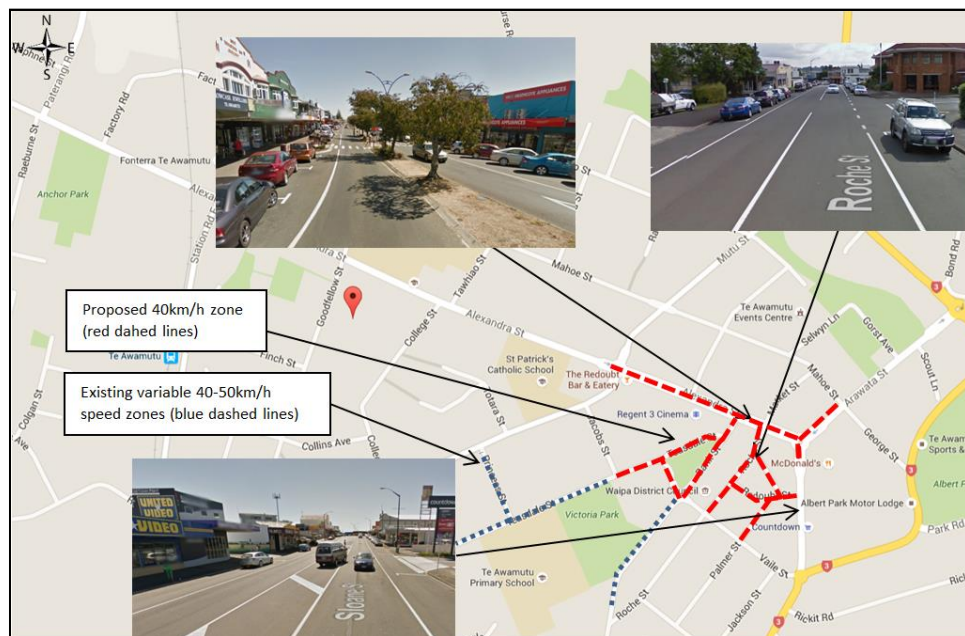
Outcomes

- Formal consultation by two RCAs
 - Waipa DC x 3 sites – 2 supported, 1 pending
 - Transport Agency at Waitomo – 2/3 support, decision pending
- 3 RCAs not proceeding at this time
 - Waikato DC
 - South Waikato DC
 - Matamata Piako/Waipā DCs (Hobbiton)



Te Awamutu

- 40km/h zone covering Alexandra St & most of the pedestrian frontage area
- Town centre - 57 crashes, 4 serious, 4 pedestrian
- 36-42km/h (85%ile)
- Identified on priority maps as “self-explaining”
- Example of urban CBD area where high interaction between land use and transport
- Supports pedestrian frontage area in PDP



Hobbiton – Karapiro & Buckland Rds

- 27 crashes, 4 serious
- 63-81km/h (85%ile)
- Cross-boundary issues
- Hobbiton 360,000 visitors/yr
- Inappropriate traffic (buses and camper vans) directed along the route
- Over 7.2km extra 19s travel time if travel speed reduces by 5km/h
- Small section of the route prioritised for speed management



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Te Awamutu & Hobbiton outcomes

- Te Awamutu town centre
 - Early engagement 50/50, formal 66% support
 - Strong Health Impact Assessment support
 - Staff recommendation to proceed with change at hearing
 - Under consideration by councillors
- Hobbiton
 - Not progressed following early engagement
 - 29 responses, 48% did not support change
 - Speed not seen as most appropriate action at this time:
 - GPS directions, destination signage, improve reporting of crashes and near-misses
 - Speed management is long term objective for the route



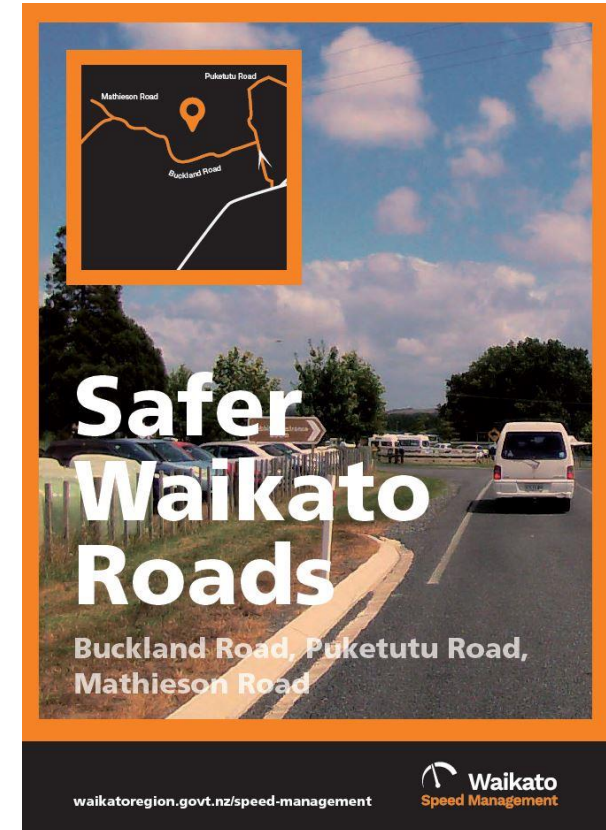
Learnings - technical

- Be armed with accessible information/data, eg crash history, actual travel speeds
- ONRC plays an important part in calculating SAAS
- Important for decision makers to understand the robust process used by the Guide
- Consider:
 - Whole of route and side roads
 - Impacts on vulnerable road users
 - Integrate activities on local roads and state highways
 - Engineering works required to support speed management



Learnings - engagement

- Need to be well resourced to engage effectively
- Connect early and regularly with stakeholders, RCA staff, politicians
- Use a range of channels and keep telling/repeating the story
- Connect with media to help have conversations, share messages – provide data, access to spokespeople, photos etc
- Consider research to gain insight into community attitudes
- Early engagement to test the pulse of the community

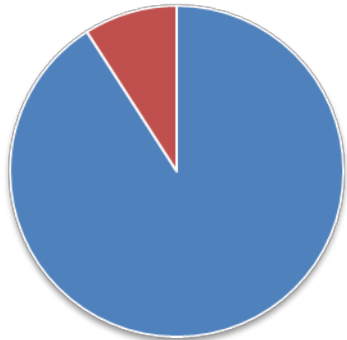


Te Awamutu College - Safe or Nah?

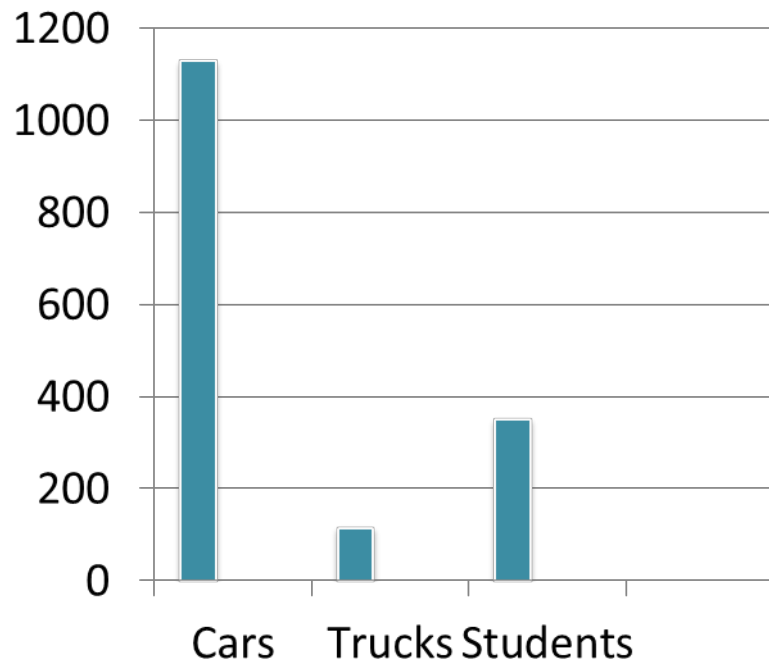


**How long students
waited to cross
the road**

■ Under 30s
■ 30s-1min



**How much traffic went
past the College**



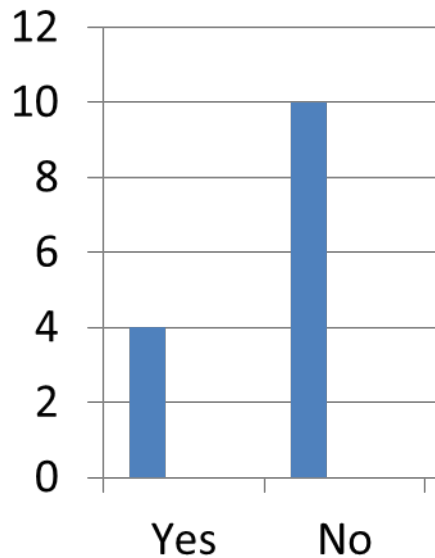
- We recommend the speed on Alexandra Street be lowered to 40km/h to Goodfellow Street.
- Te Awamutu College needs a pedestrian crossing and a refuge across Alexandra Street.

Rewi Street- Care about safety



- We recommend that the council lowers the speed limit down to 40km/h all the way through Rewi Street.
- We also recommend that the council puts a zebra crossing on Rewi Street next to the school.

Does your child walk to school?



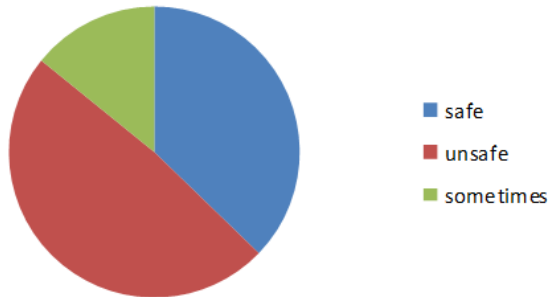
Why don't you let your children walk to school?



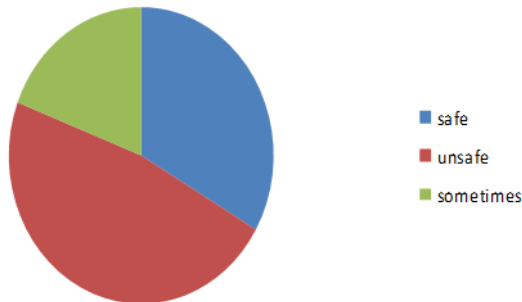


Te Awamutu - Redoubt Corner

Do people feel safe crossing at the redoubt crossing between 8:30-9:10 am



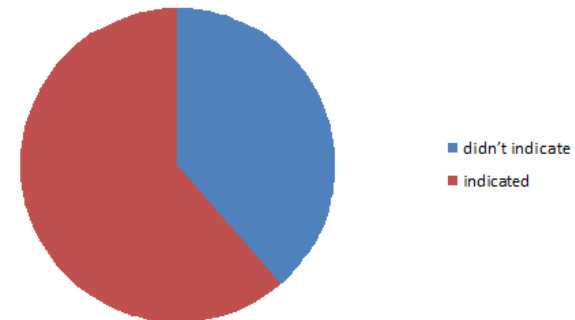
Do people feel safe crossing at the redoubt crossing between 2:30-3:10 am



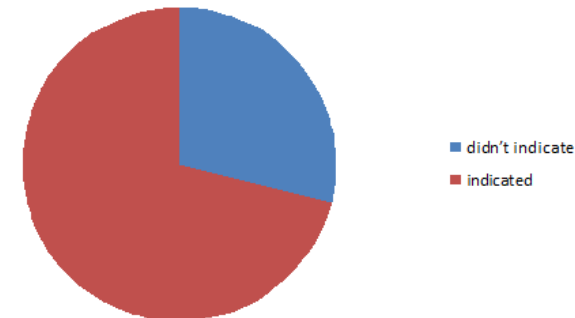
We recommend installing a pedestrian crossing between the Z petrol station and Fresh Choice on Rewi St.

We also recommend installing encouraging signs to help people remember to indicate.

Do cars indicate going in to the redoubt round about between 8:30 -9:10



Do cars indicate going in to the redoubt round about between 2:30 -3:10



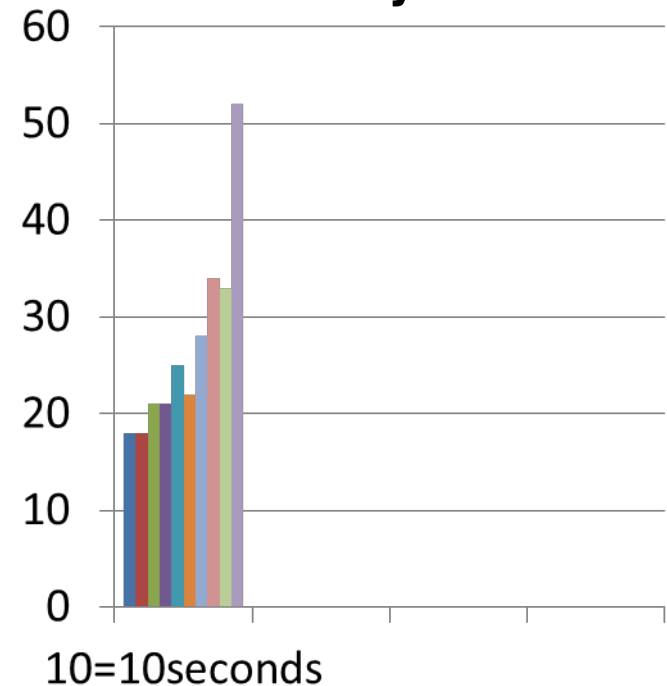
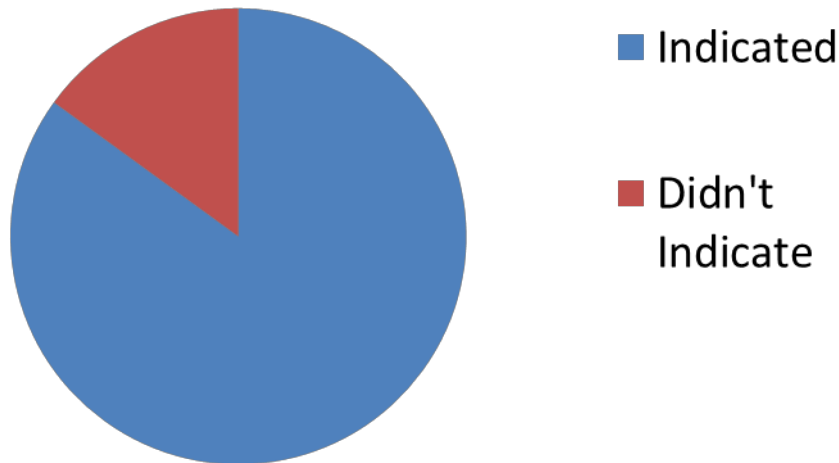
Triangle Roundabout

- We recommend bike lanes as bikers feel unsafe while riding around the triangle roundabout. Bikers have resorted to using the footpath.
- We recommend installing pedestrian crossings on all exits and entries to the enormous roundabout.



**How long it takes to cross on Thursday
Thursday 9:00**

Thursday Morning 8:30-8:45pm



Alexandra Street-

Is it Safe?

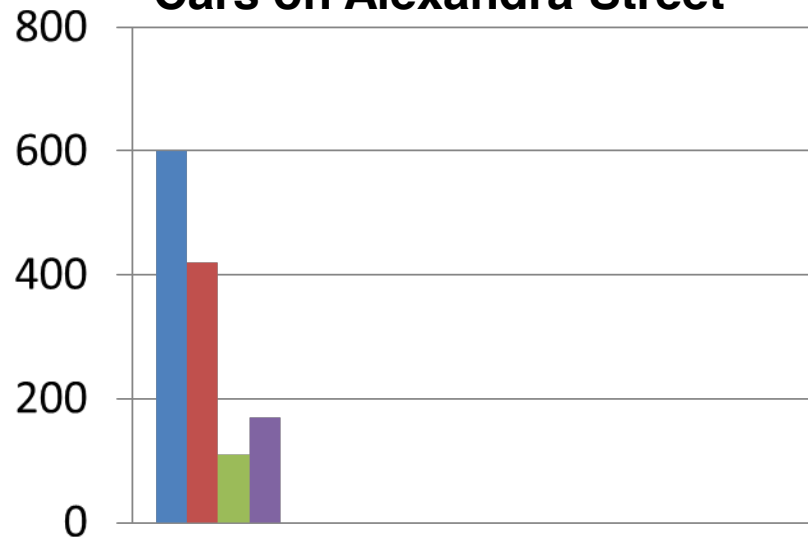


- We recommend to lower the speed limit to 40km/h and put up a 'school sign' sign.
- We recommend installing traffic lights so cars **have** to stop for pedestrians.
- Or take away the road patrol and having a traffic warden (a teacher) to make sure children are still safe while crossing.

How Long People Wait To Cross Road Patrol

Time That They Waited	Tally	Frequency
0-30 seconds	IIII	4
30 seconds-1 minute	IIII	5
1-3 minutes	IIIIII	6
3-5 minutes	I	1
		16

Cars on Alexandra Street



- Friday Morning 8:15-8:45am
- Friday Afternoon 2:45-3:05pm
- Monday Morning 8:15-8:45am
- Monday Afternoon 2:45-3:05pm

Questions

DID YOU KNOW? THE STORY OF WAIKATO ROADS



IN 2015

68

PEOPLE DIED
on Waikato roads, the
highest regional road
toll in the country



ON AVERAGE

70

CRASHES EACH WEEK
in the Waikato



ON AVERAGE

5

CRASHES EACH WEEK
in the Waikato end in
death or serious injury



DRIVING TOO FAST
IS A FACTOR IN

25%

OF ALL WAIKATO
CRASHES
resulting in death
or serious injury



ON WAIKATO
ROADS BETWEEN
2011 – 2015

282

PEOPLE DIED AND
1457
WERE SERIOUSLY
INJURED



JUST OVER

70%

of Waikato crashes
are on the open road



of **ROADS** in the Waikato

ALLOWING FOR DISTANCE
TRAVELLED, WAIKATO HAS

18%

more deaths and serious
injuries than the NZ average



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