Kaiapoi East

The ‘Long Road’ to rebuilding

Jeanette Ward, Abley Transportation Consultants
Ken Stevenson, Waimakariri District Council

REAAA Roadshow 2017
History of Kaiapoi East rebuild and streetscape development

2010/11
Aug 2011
July 2012
Sept 2012
March 2015
Dec 2016
Life before the Red Zoning - 2010
Life before the Red Zoning - 2010
Life before the Red Zoning – 2010/11

- Damage Assessment
- Scheme Design

Streetscape Plan for each area → Build it!

Ongoing consultation with internal and external parties
Life before the Red Zoning - early 2011
Life before the Red Zoning - early 2011

Kapiti's new streetscape will put the brakes on boy racers and other speeders.

Traffic calming features, with better intersection layouts and reduced road widths, are a major focus of the streetscape plans for the repair of Kapiti's earthquake-damaged residential areas.

Speeding emerged as one of the biggest bugbears for residents of all four recovery areas of Kapiti East, West, Seaview and Pines Beach-Karori during community talks.

Streetscapes team engineer Jeanette Ward said a lot of district plans were moving to narrower roads to reflect traffic issues.

Anecdotal evidence had linked road narrowing to a reduction in speeds.
Later in 2011….the Red Zoning
Life after red zoning - 2012 to 2014

https://youtu.be/iYyCfUUidfU
Life after red zoning
Kaiapoi East
Life after red zoning - 2012 to 2014

Mostly complete

New strategy needed
Life after red zoning
The Strategy – Kaiapoi East

• Community isolation?
• New roads?
• Who would fund them?
• Existing services?
• Future land use?
• Stayers?
Life after red zoning - March 2015
The Options – Kaiapoi East

Retain key existing roads
Join up some existing roads
Life after red zoning
The Options – Kaiapoi East

New roads
Life after red zoning
The Options – Kaiapoi East

Kaiapoi East Road Alignment Options

March 2015

This leaflet outlines a range of options for continuing access to the Kaiapoi East area and invites you to let us know your views at a local drop-in session, or in writing on the enclosed form.
Life after red zoning
The Options – Kaiapoi East
Life after red zoning - December 2016

Waimakariri Residential Red Zone Recovery Plan
He Mahere Whakarauora i te Whenua Rāhui o Waimakariri
December 2016

KAIPOOI EAST REGENERATION AREA

KEY
- Regeneration area
- Mixed use business
- Rural
- Sport and recreation reserve
- Recreation and ecological link
- Memorial garden
- Stormwater management
- Utility
- Existing reserve
- Reserve revoked
- Private property
- Legal road corridor
- New road
- Boat ramp

Boundaries within regeneration areas are approximate only.
The new road and surrounding land use

The land use can influence the design:

- Traffic generated by the activities
- Access for the activities
- Parking needs
The new road – to be built this year!
Conclusions

• Red zoning on this scale presents a new challenge!

• Red zoning not identified as a risk at the outset but design process was adaptive to change.

• In Kaiapoi East the alternative access option is estimated to cost less or no more than the cost of rebuilding the existing access route.

• Community wanted roads rebuilt but difficult to rush in and rebuild without the land use known!