

ABSTRACT SUBMISSION FORM

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Paper Details:

Presentation title:	Keeping Christchurch Moving
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Overview of Presentation

The Stronger Christchurch Infrastructure Rebuild Team (SCIRT) is the construction alliance established following the 2011 Christchurch earthquake to rebuild the City's horizontal infrastructure to pre-earthquake levels.

As a result of the earthquakes, the extent of the damage caused and the transportation and mobility challenges that the city is facing during the rebuild are presented.

The horizontal infrastructure rebuild is scheduled to be completed by the end of 2016 and estimated to include:

- Over 500 km of wastewater pipe replacement,
- 1000 km of road repairs,
- Repairs to over 90 bridges and 400 retaining walls
- Extensive repair of the city's stormwater system.

Tools were developed to ensure work could proceed on-time and the travelling public is kept up to date on changes to the transport network.

The Christchurch Transport Operations Centre (CTOC) was established post-earthquake with the aim to manage, optimise, and monitor the network, including keeping customers informed allowing smarter choices on how, where, and when they travel.

Combined efforts were essential to achieve travel behaviour change around work sites and minimise congestion on the transport network.

This presentation looks at the collaborative effort invested from SCIRT and CTOC in transport planning, traffic management and communications to keep Christchurch moving.