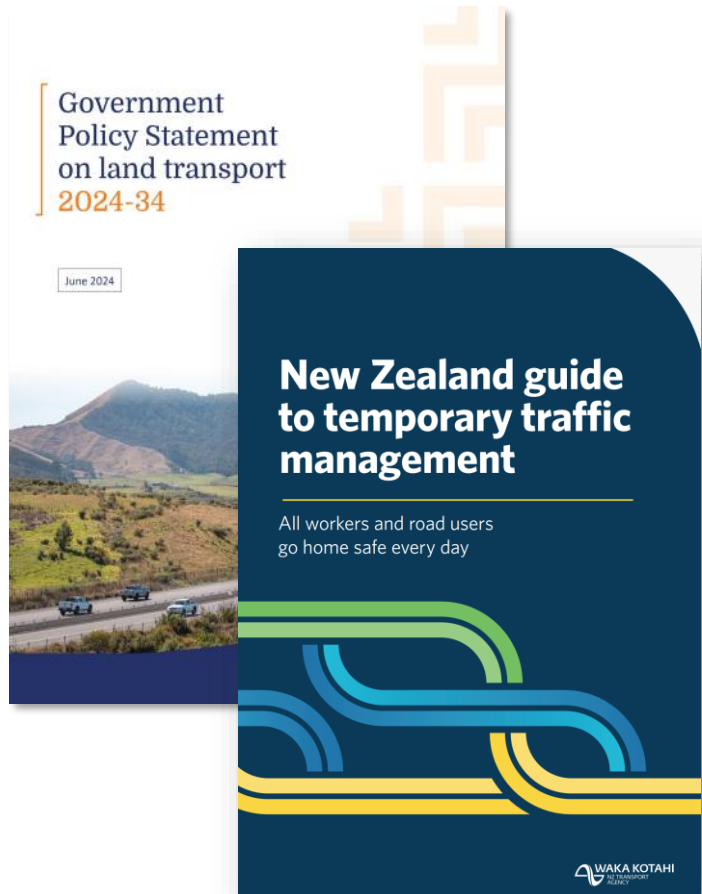


TTM in New Zealand is changing

Moving to safer, more efficient and
effective TTM

RCA Forum
26 November 2024

Responding to GPS 2024: Safer, more efficient and effective TTM



- Our TTM programme aligns with GPS24 priorities:
 - **Safety**
 - **Value for money**
 - Economic growth and productivity
 - Increased maintenance and resilience
- Specifically, to reduce expenditure of TTM while maintaining the safety of road workers and road users.
- The NZTA TTM programme was set up to ensure successful adoption of a new approach to TTM on state highways.
- Leveraging the New Zealand guide to temporary traffic management (NZGTTM) will deliver more efficient and effective TTM by:
 - improving safety and value for money
 - and minimising disruption to people's journeys.

How is TTM in New Zealand changing?

Introducing the New Zealand guide to temporary traffic management



WAKA KOTAHU
Waka Kotahi
New Zealand Transport Agency

Play (k)



1:28 / 2:05



Moving to safer, more efficient and effective TTM

- NZTA sector leadership – from 1 November 2024, CoPTTM was superseded by the NZGTTM as the preferred guidance for state highways.
- Contracts are changing to the NZGTTM – new Capital contracts from 1 November. Maintenance contracts will convert with the Integrated Delivery Model from 2025.
- 4 x regional pilots with our contractors continue – key lessons learned will be shared with the sector and other RCA from early-2025.
- Training qualifications based on the Code of Practice to TTM have been phased out to pave the way for a new national training and competency framework.
- Quarterly TTM performance reporting via the Road Efficiency Group will help us make further improvements to safety, efficiency and effectiveness.
- Our busy summer maintenance season is an opportunity to fix issues frustrating customers - eg confusing TTM layouts, leftover TTM not being removed fast enough.

Downer NZ North Canterbury
risk-based TTM pilot – line
marking



Examples - improving TTM efficiency and effectiveness

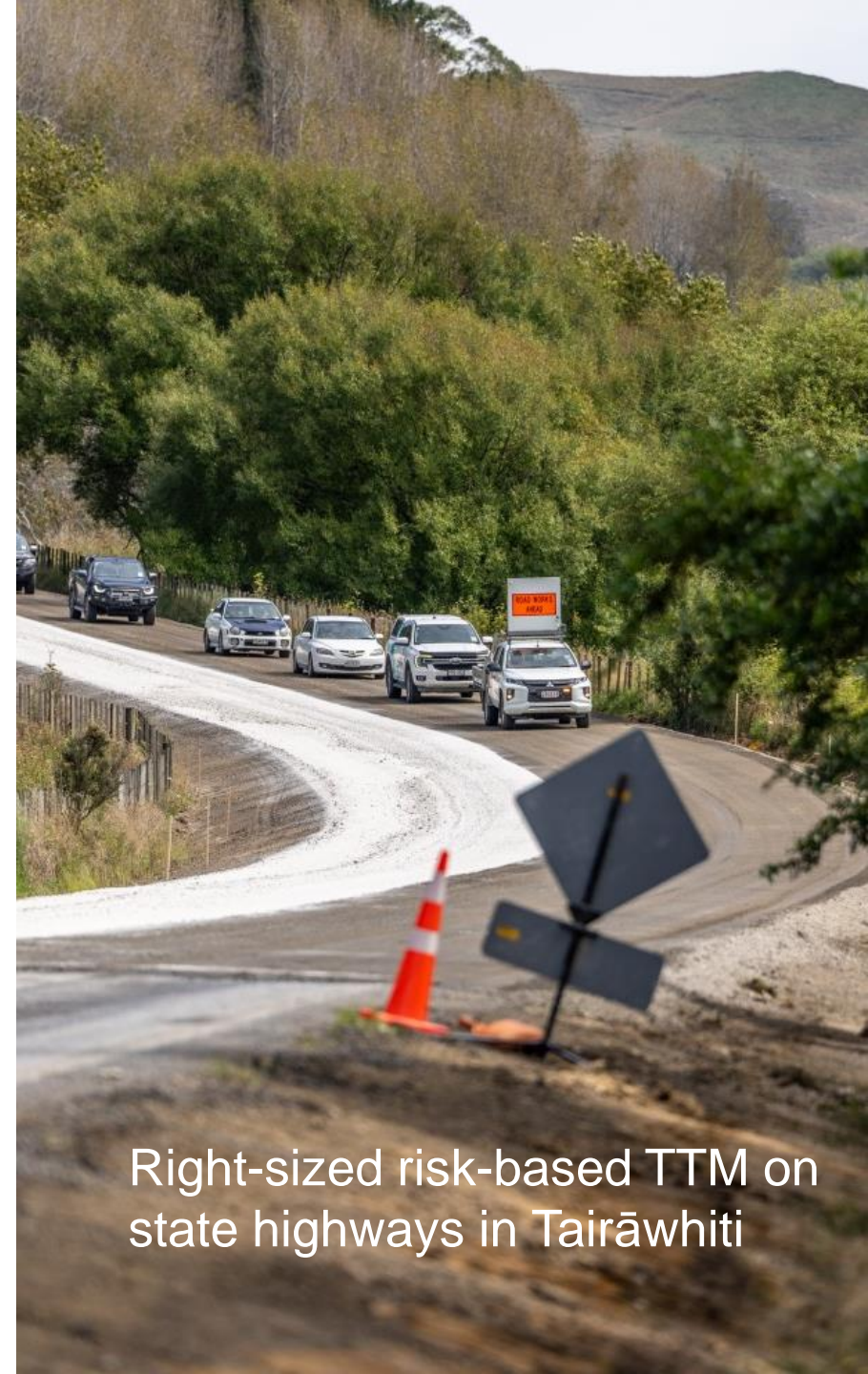
Careful planning, safe detours, road closures, nightworks, maximising TTM resource is improving productivity.

State highways – pilot vehicles, short and overnight road closures:

- Pavement repairs on state highways in Tairāwhiti used the risk-based approach – less cones, instead pilot vehicles managed road users through worksites.
- 3-week closure of Wellington's SH1 Urban Motorway (WTA) saved \$154,000 on traffic management.

Local, low-volume roads – less cones and 'stop/go':

- Carterton District Council closed roads temporarily.
- Downer NZ team 'working in the gaps' in North Canterbury to do line marking.
- Working with Auckland Transport, Wellington City Council and Christchurch City Council on their transitions.
- Working with the Events Association of NZ to develop guidance for local road closures for local community events.



Right-sized risk-based TTM on state highways in Tairāwhiti

TREC Alliance - improving TTM efficiency and effectiveness

Better upfront planning and smarter applications of control equipment to manage risk are leading to right-sized TTM and creating efficiencies in total works costs.

- **Devil's Elbow SH2:**
 - Priority control signs instead of portable traffic lights has reduced costs by \$24k per month – estimated \$216k cost saving over the 9 months.
- **Matarika Valley SH35:**
 - \$152k cost saving by including two projects in 1 contract – 1 TTM site for 2 pieces of work.
- **Otoko Hill SH2:**
 - \$4k cost saving per month, total \$29k cost saving to the project – using guard rail instead of portable traffic lights is significantly improving safety.
- **Mangahauini Gorge SH35:**
 - \$18k cost saving using guard rail instead of plastic barriers.

Devil's Corner - bird's eye view of the completed section (Project F).



Role of the Road Efficiency Group (REG)

- NZTA and REG have established new TTM performance measures and a governance dashboard to meet the quarterly reporting expectations of the GPS 2024.
- The first NZTA Q1 2024/25 financial year performance report has been reported to the NZTA Board and the Minister.
- NZTA is working with REG and TTM ISG to support small RCAs on their transition.
- REG will support RCAs to implement TTM improvements by sharing NZTA guidance and best practice through REG's regional workshops and champions' network.
- This will help us make further improvements to safety, efficiency and effectiveness at TTM setups on state highways and local roads.



Find out more about how to transition to the NZGTTM

- 3 December 2024, 10 – 11:30 AM - join the national RCA Forum webinar.
- Key speakers from REG, the TTM industry steering group, Auckland Transport, and NZTA will share key lessons and outline support available to RCAs.
- Details on RCA Forum website.



Questions