Wellington Transport Operations Centre

SNUG 2026 Update



NZ TRANSPORT AGENCY
WAKA KOTAHI

Since SNUG 2025…

- All regions with NZTA intersections now operationally supported through SCATS MOU's with Councils
- ITS Standards and Specs Traffic Signals awaiting ratification
- Napier SCATS migration completed
- ITSN transformation project continuing
- Resourcing – building capability
- Asset Management

NZ TRANSPORT AGENCY
WAKA KOTAHI

Te Kāwanatanga o Aotearoa
New Zealand Government

NZTA Renewals

WTOC Region

- Intersection re-cables
- Pole replacements
- Cabinets / Controllers
- Mast arms
- CCTV
- UPS

2025/2026
$3.2m ^2.8m
Delivered

2026/2027
$4.2m
Planned

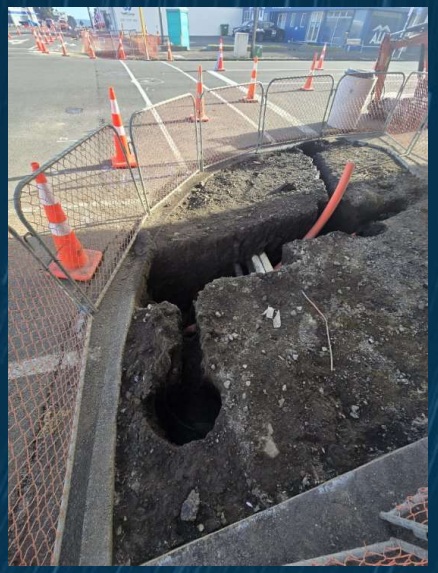


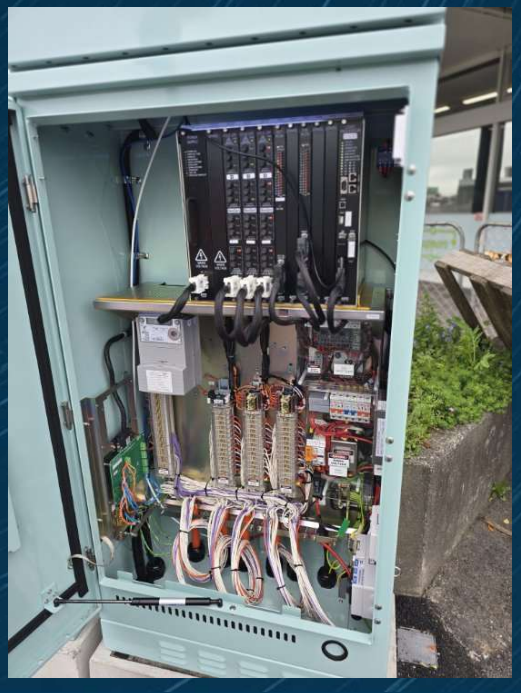
New Plymouth – SH44 / Devon St / Eliot St

- Intersection renewals project
- Full intersection shut down – successful trial of roundabout for TTM
- Majority of civil and signal works done in house by TS contractor
- Outsourced drill shot work
- Impressive 9 day turn-around from start to finish

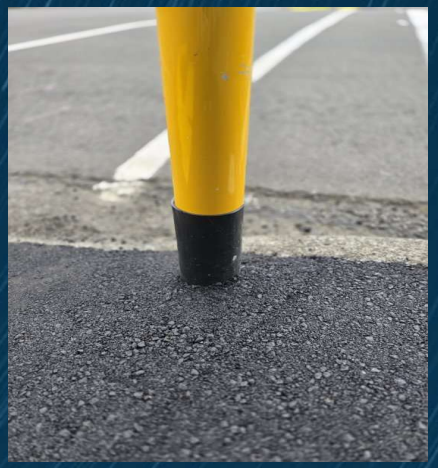




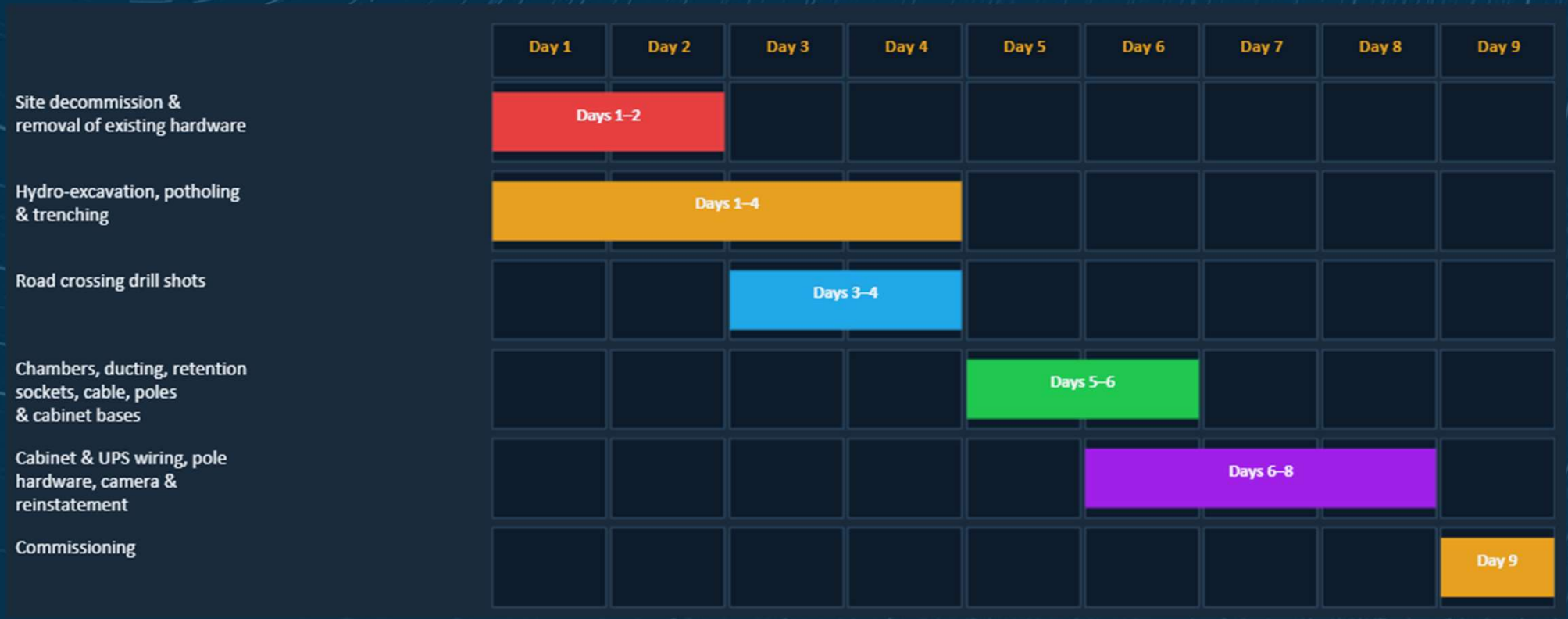








New Plymouth – SH44 / Devon St / Eliot St



Optimisation

NZTA and Council

- 39 intersections reviewed
- Mixture of reviews, audits, and software changes

Physical improvements

- 11 NZTA intersections
  - Additional red right turn arrows for redundancy
  - Red left turn arrows for ped protection
  - Pedestrian crossing improvements
  - Radar detection
  - Safety improvements



TOC Future State

Optimisation Workstream will focus on:

- Data driven approach to improving network awareness, decision making, and performance
- Improving real time network optimisation
- Increasing TOC resilience and capability
- Driving operational efficiency and effectiveness
- Enabling nationally consistent operating practices

The TOC Future State Programme is a long-term transformation programme that will establish a nationally consistent, resilient, and high-performing operating model for managing New Zealand's transport networks.



Napier SCATS Migration

- Migration initiated with NCC early 2025
- Migration to WTOC SCATS completed December 2025
- Enabled operational management of SCATS from WTOC
- Since migration, WTOC has reviewed corridors and made improvements to SH intersections and assisted with a safety improvement project at Meeanee / Guppy intersection.



Larger Capital Projects

- PP2O
  - Intersections built and handed over to the local Council
- NZUP Queenstown
  - SH6 / Kawerau / Frankton Rd – In progress
  - Kawerau Rd Ped Xing
- Riverlink – In progress
  - x1 intersection under construction
  - x3 new intersections coming
- Christchurch
  - SH75 / Halswell Rd 3 new intersections – complete
  - SH1 Weedons RAB ramp metering

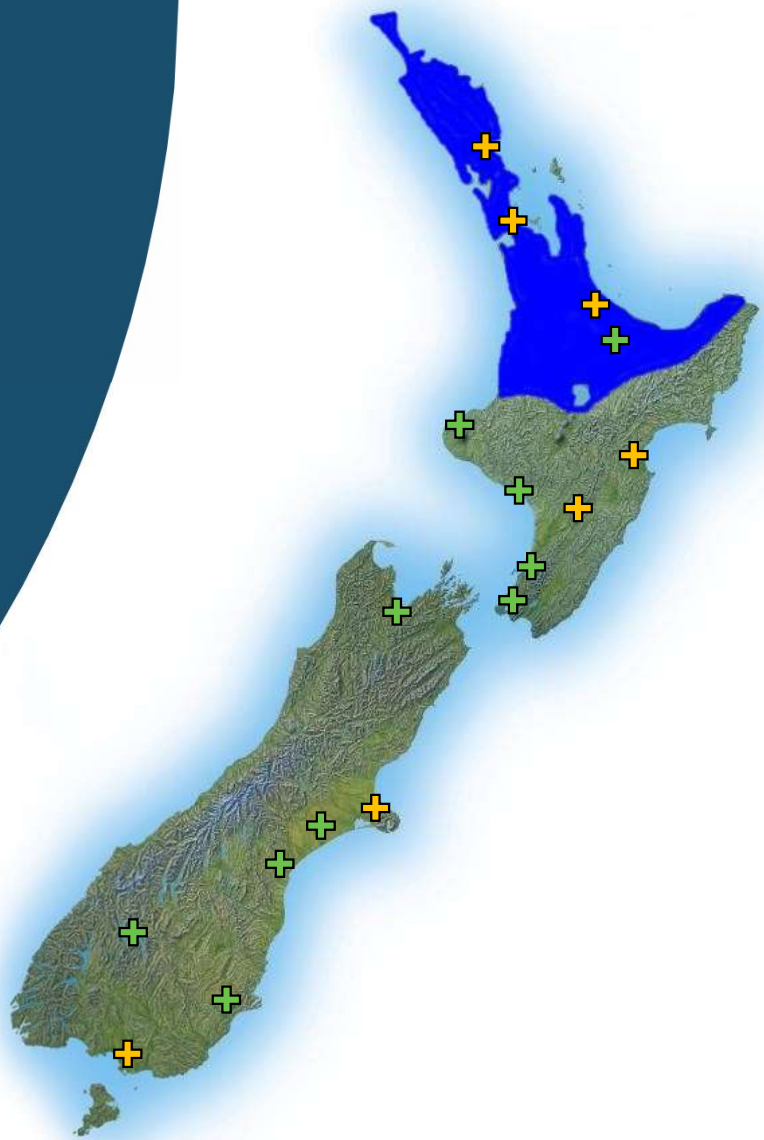


ITSN Transformation Project

- 623 transformation's completed of road side cabinets

- Lite Sites
  - Fibre or DSL connections
  - Supports up to 7 devices

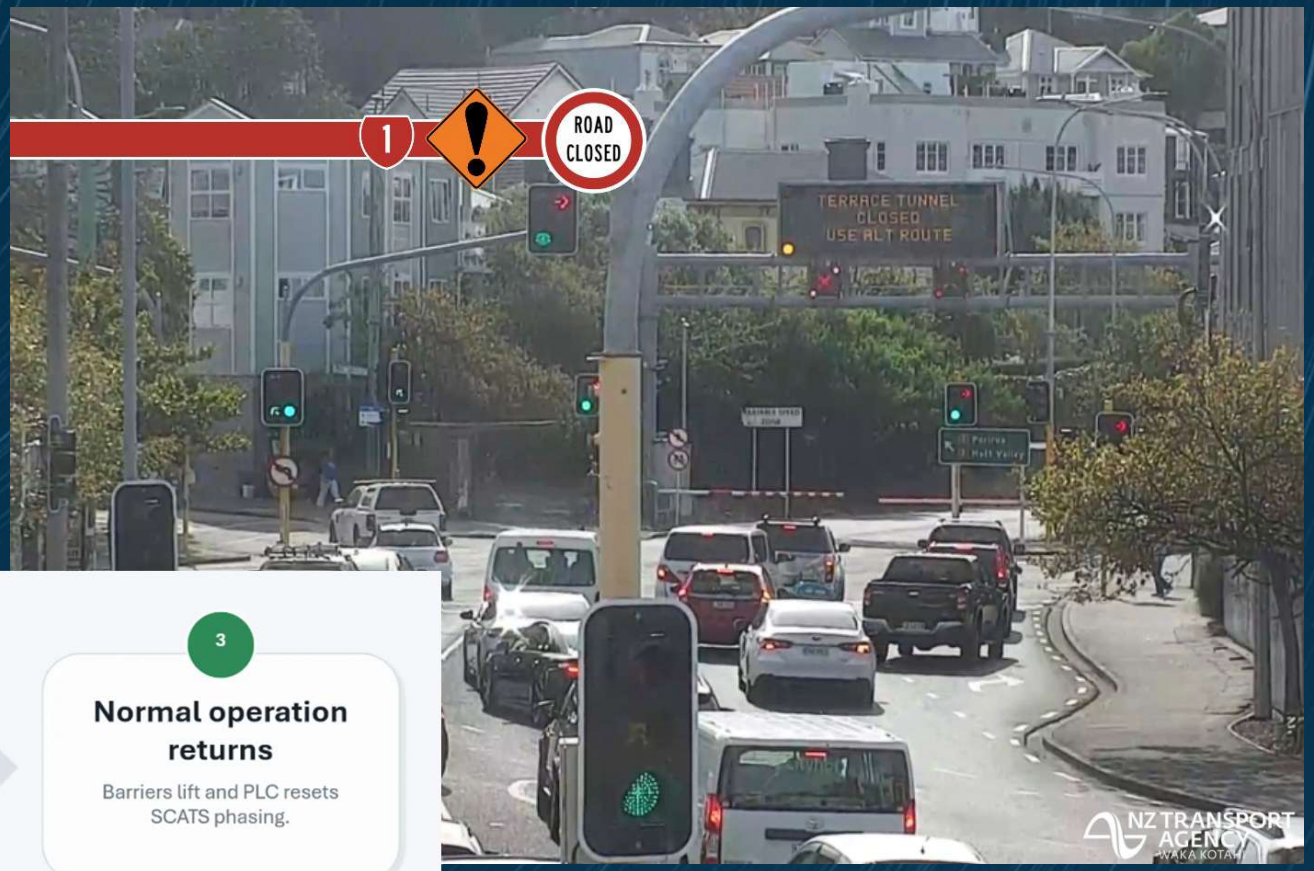
- Approx 30 traffic signals sites remaining across:
  - Napier
  - Hutt Valley
  - Christchurch
  - Dunedin
  - Invercargill



Upcoming Project - SH1 / Karo Dr - Wellington

Terrace Tunnel automation with traffic signals

- Current setup is manual and relies on operator intervention to apply SCATS changes
- Automation will apply changes immediately and improve response times



1. **Tunnel closes**
   Barriers drop.
2. **SCATS changes phasing**
   PLC requests closure and detour phasing.
3. **Normal operation returns**
   Barriers lift and PLC resets SCATS phasing.

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Thank You

