

Practical examples of risk-based TTM in action

The NZGTTM Case Studies Library showcases real examples from across the sector where councils, contractors, and NZTA delivery teams have applied the principles of the New Zealand Guide to Temporary Traffic Management (NZGTTM) to deliver safer, smarter, and more efficient work.

These stories highlight how risk-based thinking is being embedded on the ground, from planning and procurement through to live-site decision making.

This series has been developed in partnership with Waka Kotahi to help RCAs, suppliers, consultants and project teams understand what good looks like, and how NZGTTM principles are being practically applied in different environments. The case studies include routine maintenance, mobile operations, capital works, and local council innovation, demonstrating how teams are reducing exposure, improving efficiency, and strengthening coordination.

Each case study highlights:

- Why a new approach was needed
- What the team changed or trialled
- How risks were assessed and managed
- The NZGTTM principles applied
- The outcomes achieved (safety, efficiency, cost, community impact)

These examples provide practical insight for organisations preparing their own transition plans, updating processes, or trialing new ways of working.

Below you'll find the first set of published case studies, with more to come as NZGTTM adoption progresses across the country.



Case Studies

Auckland System Management – Block Programme & Mobile Operations

Risk-based planning to reduce exposure, improve efficiency, and reduce unnecessary TTM deployments.

- [Auckland System Management – Block Programme](#)

SH6 Blenheim Roundabout – Risk-Based Adaptation on a Complex Capital Works Site

One of NZTA's first capital pilots showing adaptive planning, stakeholder coordination and lowest-risk decision making.

- [SH6 Blenheim Roundabout](#)

Tauranga City Council – Portable Traffic Light Trial for B-Type Markings

Innovation trial replacing stop/go operators with remote-controlled lights, improving safety and doubling productivity.

- [Tauranga City Council - Type B Road Marking](#)

Auckland System Management – Grafton Road Bridge Expansion Joint Replacement

Integrated TTM and design planning to minimise disruption on one of NZ’s most complex motorway corridors.

- [ASM Grafton Road Bridge - Expansion Joint Replacement](#)

More Coming Soon

This library will continue to grow, with case studies searchable by council, project type, environment, or topic. These examples support the sector to share learnings, build capability, and embed NZGTTM thinking consistently across Aotearoa.

Want to submit a case study?

We welcome further examples of NZGTTM implementation from across the industry!

If you or your team have a story to share, please get in touch using the Contact Us form, we’ll work with you to turn it into a resource for others to learn from.