

PRACTICE NOTE: Managing Temporary Hazards



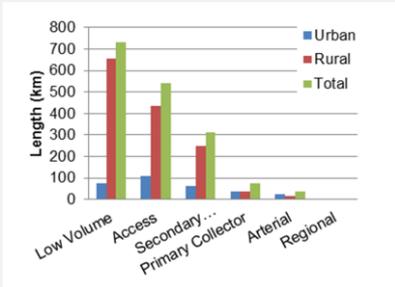
FACTS AT A GLANCE

Timaru District Council

ONRC Performance Measure: Safety

Technical Output 2: Temporary Hazards

Timaru is a port on the east coast of the South Island with an active economy. There is extensive dairy farming and cropping as well as significant industrial activity. The road network carries a large amount of traffic on key routes.



The district's 1,800 km network serves a population of 45,000 people, with over half in the urban area.



Introduction

Keeping work sites and the public safe is a priority at all times. When there are road works or events, roads function in a different way and traffic management is required for the safety of all road users and road workers.

The Code of Practice for Temporary Traffic Management (2000) provides a consistent approach for RCAs, reducing the likelihood of confusion and the potential for a crash. The code is well understood, and it is widely accepted that if used well, it contributes to positive outcomes for road users, road workers, event participants and the general public.

The One Network Road Classification recognises the contribution temporary traffic management makes to road safety. It supports auditing to gauge the safety of temporary traffic management and the road user experience.



Temporary Traffic Management is administered by Timaru District Council staff as part of Corridor Management processes. Around 1,800 corridor access requests are received per year.

Safety Technical Output 2 - Temporary Hazards Financial Year 2014/15 | Timaru District Council

Reports | Input Measures | FAQ | Measure Descriptions

Safety Technical Output 2 - Temporary Hazards

Measure description:
 The aim of this measure is to keep workers and people participating in events on roads safe. The Road Controlling Authority (RCA) is required to input the raw data.
 This measure records the number of sites inspected and the number of audits which are compliant with the Code of Practice for Temporary Traffic Management (COPTTM) in order to audit temporary traffic management at work sites, event sites and temporary hazards.
 View report for Safety Technical Output 2 - Temporary Hazards.
 If you have any questions, suggestions or feedback on what the report is producing, feel free to call 0800 ONRCPM (0800 66 72 76).

Financial Year 2014/15
 * Change the Financial year above

Classification	Number of Sites Inspected	Number of Audits Compliant	% Compliant
High Volume	High Volume	High Volume	0%
National	National	National	0%
Regional	Regional	Regional	0%
Arterial	Arterial	Arterial	0%
Primary Collector	Primary Collector	Primary Collector	0%
Secondary Collector	Secondary Collector	Secondary Collector	0%
Low Volume	Low Volume	Low Volume	0%
Access	Access	Access	0%

We are able to review each contractor's performance, as well as their STMS staff individually.

Pictures: Timaru District Council, Ross Waugh

Methodology

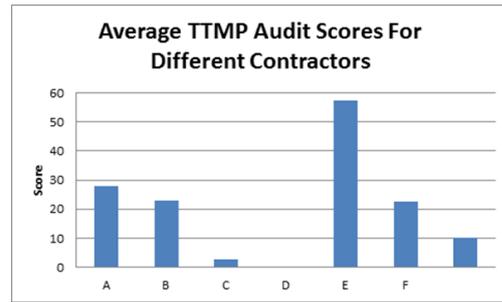
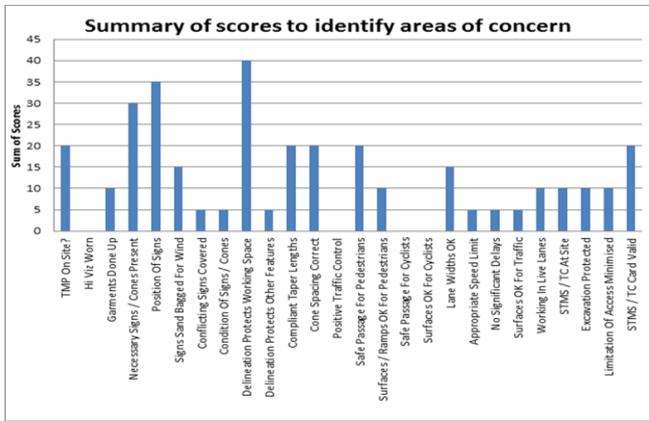
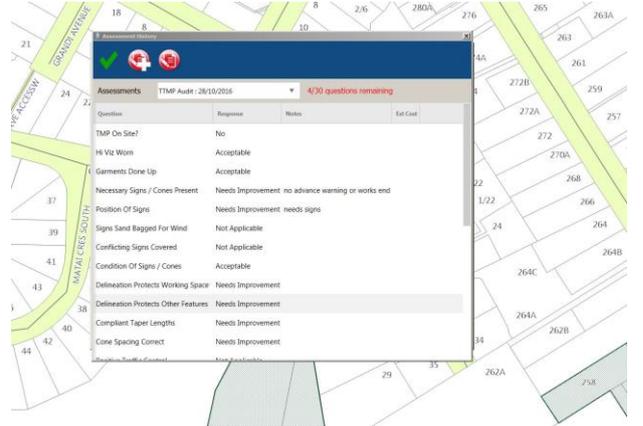
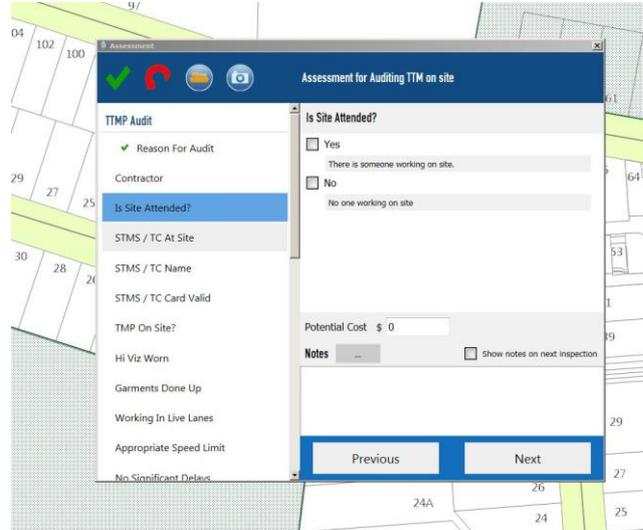
Timaru District Council staff recognised that a system was required to manage temporary traffic management audits and provide a link to the ONRC performance measure (Technical Output 2: temporary hazards).



A user defined table (UDT) was established in RAMM which followed the audit process (short form). Deployed through 'RAMM Assessment' on a tablet, users are walked through the audit elements and answer yes or no to each question. Drop-down boxes and notes fields are also available. Any items below the standard (i.e. dangerous) trigger a full audit process as defined by the Code.

Returning to the office, the audits are synchronised with RAMM and reports are produced via RAMM Contractor. The reports demonstrate overall compliance, contractor performance and Temporary Traffic Management elements that require attention across sites and contractors. The results are manually uploaded to the ONRC Performance Measures Reporting Tool.

Further enhancements proposed to the UDT will provide a direct link with ONRC classifications.



Conclusion

Timaru District Council has developed a tool that applies the essence of the ONRC performance measure. There is a greater level of certainty that temporary traffic management is undertaken correctly and the data is easily handled. The safety of road users, workers and event participants is enhanced, as results can be shared with contractors. This ensures a process of continuous improvement.

References

Corridor Management – Presentation to Road Infrastructure Management Forum 2017, Tracy Bell, Timaru District Council
 Timaru District Council Road Activity Management Plan 2015
www.timaru.govt.nz

The Road Efficiency Group (REG) is a collaborative project between local government and the NZTA Transport Agency. For more information, please contact:

RoadEfficiencyGroup@nzta.govt.nz

Tracy Bell
 Road Corridor Technician – Timaru District Council
 03 687 7455
tracy.bell@timdc.govt.nz