

Title	Utilise maps and plans for roadmarking		
Level	3	Credits	12

Purpose	People credited with this unit standard are able to: demonstrate knowledge of roadmarking plans; and utilise maps and plans for roadmarking.
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Classification	Infrastructure Works > Roadmarking
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant industry requirements.
- 2 Legislation relevant to this unit standard include:
 - Hazardous Substances and New Organisms Act 1996;
 - Health and Safety at Work Act 2015;
 - Health and Safety at Work (Hazardous Substances) Regulations 2017;
 - Resource Management Act 1991;
 - Traffic Regulations 1976; available from www.legislation.govt.nz/;
 - and all subsequent amendments and replacements.
- 3 **Definitions**

Industry requirements refer to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, scope of works, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents, Waka Kotahi NZ Transport Agency specifications and guidelines.

Legend features are site features marked on the site map and represented as symbols on the map legend. Examples include seal edge, centreline, kerb and channel, legal boundary, signs, footpaths, mailboxes, vehicle crossings. Both existing and proposed features may be shown.

Mobileroad.org refers to a free application to register your business for information on the New Zealand road and rail sector. The App can be sourced from here: mobileroad.org.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of roadmarking plans.

Performance criteria

1.1 Waka Kotahi NZ Transport Agency highway information sheets or mobileroad.org are described and interpreted.

Range displacement, topography, gradients, road widths, referencing positioning, and advisory speeds, index, grid, scale, and legend.

1.2 Site plans are interpreted in terms of chainage, scale, location, and route position.

Range may include but are not limited to – car parks, major intersections, shape corrections, as built, aerial photograph; evidence of two site plans is required.

Outcome 2

Utilise maps and plans for roadmarking.

Performance criteria

2.1 Location is found using route position map and road map.

2.2 Waka Kotahi NZ Transport Agency guidelines and specifications and highway information sheets or mobileroad.org are utilised to identify vehicle counts, topography, advisory speed, street signs, and route position markers.

2.3 Dimensions are scaled up from a given site plan.

Range two dimensions of length.

2.4 Features of a site are identified from a given site plan.

Range scale, location, markings, legend features.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 January 1999	31 December 2018
Review	2	22 September 2005	31 December 2018
Review	3	20 April 2017	31 December 2023
Review	4	30 September 2021	N/A

Consent and Moderation Requirements (CMR) reference	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.