

| | | | |
|--------------|---|----------------|----------|
| Title | Construct concrete vehicle crossings | | |
| Level | 4 | Credits | 5 |

| | |
|----------------|--|
| Purpose | People credited with this unit standard are able to: source information on vehicle crossings and confirm gradients; prepare site and construct vehicle crossing; and reinstate site. |
|----------------|--|

| | |
|-----------------------|--|
| Classification | Infrastructure Works > Road Construction |
|-----------------------|--|

| | |
|------------------------|----------|
| Available grade | Achieved |
|------------------------|----------|

Guidance Information

- 1 The following legislation and regulations must be complied with: Health and Safety in Employment Act 1992; and Health and Safety in Employment Regulations 1995.
- 2 Assessment against this unit standard must take place in a workplace environment. Assessment parameters will depend on company and site specific equipment, procedures, and practices. Practices must reflect industry best practice and comply with legislative requirements.
- 3 Definitions
Company requirements include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements applicable to the company or a specific site. Requirements are documented in the company’s health and safety plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.
Contract specifications include plans, diagrams, and special technical conditions. They do not include special administrative conditions.

Outcomes and performance criteria

Outcome 1

Source information on vehicle crossings and confirm gradients.

Performance criteria

- 1.1 Vehicle crossing plans for vehicular access to site are sourced and uplifted in accordance with local authority requirements.

 Range two of – residential, light commercial, heavy commercial.
- 1.2 Locations and depths of underground services are identified in accordance with contract specifications and company requirements.

1.3 Access gradients are confirmed with local authority and landowner.

Outcome 2

Prepare site and construct vehicle crossing.

Range two of – residential, light commercial, heavy commercial.

Performance criteria

- 2.1 Site is excavated to dimensions specified in contract specifications.
- 2.2 Foundation material is compacted in accordance with contract specifications and company requirements.
- 2.3 Reinforcing is placed in accordance with contract specifications.
- 2.4 Vehicle crossing is constructed in accordance with contract specifications and company requirements.
- 2.5 Vehicle crossing is finished in accordance with contract specifications and company requirements.

Range may include – finish, concrete curing, traffic restriction.

Outcome 3

Reinstate site.

Performance criteria

3.1 Formwork and surplus materials are removed in accordance with company requirements.

Range includes off-site – storage, disposal.

3.2 Site is reinstated in accordance with contract specifications and company requirements.

Range may include – topsoil and grass, asphalt fill-in, chipseal, concrete, paving.

| | |
|--------------------------------|--|
| Replacement information | This unit standard and unit standard 22284 were replaced by unit standard 31469. |
|--------------------------------|--|

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|-------------------|--------------------------|
| Registration | 1 | 30 July 1996 | 31 December 2014 |
| Revision | 2 | 9 March 1999 | 31 December 2014 |
| Review | 3 | 30 May 2000 | 31 December 2014 |
| Review | 4 | 25 September 2006 | 31 December 2016 |
| Review | 5 | 19 February 2015 | 31 December 2021 |
| Review | 6 | 27 September 2018 | 31 December 2021 |

Consent and Moderation Requirements (CMR) reference

0101

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.