

40905 Plan streetscape paving work

Kaupae Level	4
Whiwhinga Credit	10
Whāinga Purpose	<p>This skill standard is intended for people working in or entering the streetscape paving trade.</p> <p>People with this skill standard have the skills to plan streetscape paving work.</p> <p>This skill standard aligns with the New Zealand Certificate in Streetscape Paving (Level 4) [Ref: 5456] and may also contribute to other construction and infrastructure qualifications.</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Identify site conditions for streetscape paving.	a. Site conditions are identified and documented in the work plan.
	b. Site access needs and suitable locations for material and equipment storage are identified.
	c. Issues that may affect the paving setup, such as hazards or restricted access, are identified.
2. Plan layout, drainage and subgrade requirements for streetscape paving.	a. The planned paving pattern is confirmed to fit the space and intended use.
	b. Drainage fall and collection points for the site are identified.
	c. The total excavation depth based on paver and bedding thickness is calculated.
	d. Tasks to prepare the subgrade for even strength and stability are identified.
	e. Weak subgrade material is identified for removal or replacement.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

To achieve this standard, the candidate must plan streetscape paving in line with industry standards.

Industry standards must reflect best practice, workplace procedures, and be within acceptable tolerances as defined in New Zealand codes, standards and regulations.

Evidence for this standard must be demonstrated:

- to current and relevant legislation, standards and codes (including safety),
- in an environmentally sustainable manner,
- within an acceptable timeframe,
- in different and unfamiliar contexts,
- with acceptable behaviours.

Definition

Streetscape paving refers to the use of different paving materials in public spaces such as sidewalks, plazas, pedestrian zones, parks and road edges. The focus is on durability, safety, aesthetics and functionality to make these areas accessible and attractive.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- Industry standards
- Slope and gradient considerations for effective drainage
- Soil types commonly on paving sites (e.g., clay, sandy, loam, peat)
- Drainage characteristics, including natural runoff, water table levels, and potential flooding risks
- Presence of underground services or obstacles
- Environmental factors affecting site conditions (e.g., climate, exposure to sun/wind)
- Site access limitations such as narrow entries, traffic flow, or restricted vehicle movement
- Suitable locations for material and equipment storage on site
- Planning for plant and equipment, including scheduling, safety considerations and suitable storage locations on site
- Potential hazards on site including unstable ground, nearby traffic, or overhead power lines
- Common paving patterns and their suitability
- Planning for fall to ensure proper drainage away from buildings and walkways
- Location and types of drainage collection points (e.g., sumps, channels, grates)
- Accessibility and safety in layout planning
- Excavation depth considering paver thickness and bedding materials
- Methods to prepare subgrade, including compaction and reinforcement techniques
- Identifying and managing weak or soft subgrade soils, including removal and replacement options
- Use of geotextiles or other stabilising layers as required.

Rauemi | Resources

Programme guidance available from qualifications@waihangaararau.nz.

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Engineering and Technology > Infrastructure Works > Generic Infrastructure Works
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0120

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	30 October 2025	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2030		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaararau.nz to suggest changes to the content of this skill standard.