

Paving 2 Plan streetscape paving work

Kaupae Level	4
Whiwhinga Credit	
Whāinga Purpose	<p>This skill standard is for people intending to complete the New Zealand Certificate in Streetscape Paving (Level 4).</p> <p>People with this skill standard have the skills to plan streetscape paving work that meets project requirements, including health, safety, and environmental standards.</p> <p>This skill standard may contribute to New Zealand qualifications designed for construction and infrastructure trades.</p>
Whakaakoranga me mātua oti Pre-requisites	

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Assess site conditions for paving.	a. Site conditions such 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 paving layout and drainage.	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.
3. Plan excavation and subgrade requirements.	a. The total excavation depth based on paver and bedding thickness is calculated.
	b. Tasks to prepare the subgrade for even strength and stability are identified.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
	c. Weak subgrade material is identified for removal or replacement.

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

Assessment specifications:

Streetscape paving refers to the design, selection, and installation 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.

To achieve this standard, the candidate must plan streetscape paving work 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:

- 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.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- 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
- 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	
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0101

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	[dd mm 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.