

Vehicle Crossing Specification

1. General

This specification provides for the installation of residential and rural vehicle crossings within the Thames Coromandel District Council district, spanning the footpath/berm from road edge to property boundary.

In the case of an owner-built crossing, reference to the contractor shall imply the owner of the section for the purposes of this specification.

No work shall be undertaken unless consent from the Council has been issued.

Application forms are available at Council Offices or online: <https://www.tcdc.govt.nz/Our-Services/Transport-Roads-and-Road-Safety/>.

In all cases, it is the owner's responsibility to provide and maintain an appropriate crossing.

2 Existing Services

- 2.1 The Contractor is responsible for the location of all other services and protection of such services.
- 2.2 The Contractor shall notify the owner or controlling authority of the proposed work and comply with any specific requirements for excavation that would affect their services.
- 2.3 In all cases finally the owner is accountable for any damage occurring to other services, building or structure, by this work. In event damage does occur, the Contractor shall immediately contact the owner or controlling authority and the Council.
- 2.4 The owner or controlling authority will make arrangements for necessary repairs for which the Contractor shall be liable for all costs incurred.

3 Inspections

- 3.1 Where a vehicle crossing is constructed by a contractor not authorised to work without supervision. Two inspections are required; the first is required after boxing and subgrade is prepared (prior to pouring of concrete) and the second inspection after completion of the vehicle crossing.
The contractor shall provide five working days' notice to Council's roading consultant, Pinnacles Civil Ltd, via email: tcdroading@pinnaclescivil.co.nz to book an inspection.
- 3.2 Where a vehicle crossing is constructed by a Council approved vehicle crossing contractor (see approved vehicle crossing contractor list on the left hand side of <https://www.tcdc.govt.nz/Our-Services/Transport-Roads-and-Road-Safety/>) only one inspection is required upon completion of the vehicle crossing.
Other inspections will be made when necessary.

Any work rejected or tests required by the Council shall be undertaken by the Contractor at the Contractor's expense.

4 Working Space

The Contractor shall confine his working space to the area of excavation unless specifically approved by the Council. The site shall not be a hazard to the public at any time, and the contractor shall comply with the Health and Safety at Work Act 2015, provide a site specific safety plan and provide a traffic management plan in accordance with the code of practice for temporary traffic management (COPTTM) for approval prior to work starting.

5 State Highways

Work on State Highway road reserve in a rural area will be subject to New Zealand Transport Agency approvals. These must be obtained and forwarded to Council with the completed application form before any work commences.

6 Signs

The Contractor is prohibited from erecting any signs other than traffic warning signs.

7 Clean Up

On completion of the work the Contractor shall remove all plant, materials and any other items brought onto the site and leave it in a clean and tidy condition.

8 Gradients

Gradient shall at no point exceed 1 in 8 or 12% within road reserve. Vehicle crossings are to be constructed with maximum change of gradients as detailed on the vehicle crossing grades and scraping criteria available online:

<https://www.tcdc.govt.nz/Our-Services/Transport-Roads-and-Road-Safety/>.

9 Construction Standard

9.1 All vehicle crossings shall comply with the Code of Practice for Subdivision and Development, Section 3 (3.4.7). A copy is available on Thames-Coromandel District Council's (TCDC) website: <https://www.tcdc.govt.nz/Your-Council/Documents-incl-Bylaws-Policies-and-Strategies/Code-of-Practice/>.

9.2 All vehicle crossings shall comply with the vehicle crossing standard drawing applicable for the location. Vehicle crossing standard drawings are available on TCDC's website <https://www.tcdc.govt.nz/Our-Services/Transport-Roads-and-Road-Safety/>.

9.3 Gobi block crossings may be considered in place of cobbles where there is no footpath.

10 Geometric Standard

- 10.1** A crossing shall not be located on a corner or within the distances detailed in Table 3.6 of the Code of Practice for Subdivision and Development. Distances are measured from the intersection of the legal road boundaries.
- 10.2** Council will not approve the installation of a crossing located at a point where horizontal or vertical sightlines do not meet the sight distance requirements as detailed in Table 3.6 of the Code of Practice for Subdivision and Development.
- 10.3** Each property shall not have more than one vehicle entrance except with the written permission of the Council.

11 Mandatory Construction

Council may require the owner of an existing crossing which is inadequately constructed or unsealed to construct the entrance to an approved standard:

- a. If loose metal from the entrance migrates on to the road or into any edge drain, culvert or stormwater system.
- b. If vehicle tracking is likely to damage underground services.
- c. If vehicles entering a section damage a public footpath.
- d. As a condition of a building consent.
- e. As a condition for a subdivision/land use consent.
- f. If deterioration of the formed road edge is occurring.

12 Stormwater Control

The property owner shall ensure that the property runoff water is disposed of on the property; otherwise approved drainage facilities must be installed. Provision must be made to prevent road stormwater draining into the entrance and causing flooding of the section and/or surface water from private properties discharging on to the pavement.

Installation of an appropriately sized culvert (minimum size of 300mm) will be required where there is an existing side drain or as required by Council.

13 Intrusions into Road

The formal crossing shall not intrude into the trafficked carriageway and shall not obstruct water flow in the channel, culvert or side drains.