



Construction Specification for Civil Works

C290 - Road Openings

TABLE OF CONTENTS

| CLAUSE | CONTENTS | PAGE |
|----------------------|--|----------|
| | ORIGIN OF DOCUMENT, COPYRIGHT | 2 |
| | REVISIONS: C290 - Road Openings | 2 |
| GENERAL | | 3 |
| C290.01 | INTRODUCTION..... | 3 |
| C290.02 | SCOPE..... | 3 |
| C290.03 | DEFINITIONS | 3 |
| C290.04 | REFERENCE DOCUMENTS..... | 3 |
| C290.05 | SUBMISSION REQUIREMENTS | 4 |
| C290.06 | CONTINGENCY BOND | 5 |
| C290.07 | INSURANCES..... | 5 |
| C290.08 | CLASSIFIED ROAD NETWORK | 5 |
| C290.09 | BACKFILL OF EXCAVATIONS | 5 |
| C290.10 | PAVEMENT RECONSTRUCTION | 6 |
| C290.11 | RECTIFICATION BY TAMWORTH REGIONAL COUNCIL | 6 |

ORIGIN OF DOCUMENT, COPYRIGHT

This document was originally based on AUS-SPEC - Development Construction Specification C306 – Road Openings and Restoration. Substantial parts of the original AUS-SPEC document have been deleted and replaced in the production of this Tamworth Regional Council Construction Specification for Civil Works. The parts of the AUS-SPEC document that remain are still subject to the original copyright.

This document has been developed for use with the construction of civil works within the Tamworth Regional Council local government area.

This is not a controlled document. A full copy of the latest version of this document can be found on the Tamworth Regional Council Internet website: http://www.tamworth.nsw.gov.au/construction_specifications

REVISIONS: C290 - Road Openings

| REVISIONS | CLAUSES AMENDED | AMENDMENT DETAILS | DATE |
|-----------|-----------------|---------------------------|------------|
| 1 | | Original Issue | 20/05/2019 |
| 2 | | Removed references to RMS | 01/05/2023 |
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GENERAL

C290.01 INTRODUCTION

This Specification aims to provide information relating to the Works requiring road openings and restoration. Tamworth Regional Council (TRC) has an extensive road network which has a range of other assets and services over, under and adjacent to it.

C290.02 SCOPE

This Specification describes the requirements and approval process to work on or adjacent to local roads and the requirements to restore road asset(s). A Road Occupancy Licence (ROL) will be required from TRC in the following circumstances:

**Road
Occupancy
Licence**

- Where road pavements are modified or removed to access other assets and infrastructure.
- Where traffic flow is affected due to significant delays or lane closures.
- Where road closures are required.

For classified roads, a ROL may be required from Transport for NSW (TfNSW). Refer to Clause C290.08.

C290.03 DEFINITIONS

The Works – Defined as follows:

The Works

- **Developer Infrastructure Works** - work includes subdivisions and any public infrastructure work associated with an approved Development in the TRC local government area requiring a construction certificate.
- **Contracted Works** – infrastructure work undertaken by a Principal Contractor or subcontractor formally appointed by TRC and supervised by TRC.
- **Internal Works** - infrastructure work undertaken by TRC's day labour workforce.

Constructor – Defined as the organisation responsible for construction of the Works and the Principal Contractor as defined in the *Work Health and Safety Act 2011*.

Constructor

TRC Representative – Defined as follows:

**TRC
Representative**

- **Developer Infrastructure Works** – Nominated TRC officer(s) for the approved Development.
- **For Contracted Works** – the Superintendent.
- **For Internal Works** – TRC Asset Owner

Constructor's Representative – Defined as follows:

**Constructor's
Representative**

- **Contracted Works** – the Principal Contractor's nominated representative as per the relevant contract.
- **Internal Works** – TRC officer responsible for delivery.

Developer's Representative– Defined as the person or organisation appointed by the Developer to administer the Constructor responsible for the delivery of **Developer Infrastructure Works**.

**Developer's
Representative**

C290.04 REFERENCE DOCUMENTS

Documents referenced in this Specification are listed in full below whilst being cited in the text in the abbreviated form or code indicated.

**Documents
Standards Test
Methods**

Where not otherwise specified in the relevant Tamworth Regional Council (TRC) Construction Specifications or the approved design drawings, the Constructor shall use the latest versions of the Reference documentation, including amendments and supplements, listed in the TRC Construction Specifications at the time of the Works approval.

Currency

(a) Tamworth Regional Council (TRC) Specifications

C201 - Control of Traffic.

C213 – Earthworks.

C242 - Flexible Pavements.

C401 - Water Reticulation.

C402 - Sewerage System.

(b) TRC Standard Drawings Applicable to this Section

RD001 - Typical Rural Cross Section.

RD002 - Typical Urban Cross Section

TRC Standard Drawings shall take precedence over ALL other drawings related to the Works.

Where any TRC Standard Drawings conflicts with this Specification, the requirements of this Specification shall take precedence. Proposals to deviate from this Specification shall constitute a **HOLD POINT**.

HOLD POINT

All proposed deviations from the approved design drawings, TRC Standard Drawings, this Specification or the documents referenced within it, shall be submitted for approval to the TRC Representative with supporting evidence at least five (5) working days prior to the work being undertaken.

Hold Point

PROCESS HELD: The lot or element affected by the proposed deviation.

C290.05 SUBMISSION REQUIREMENTS

Where a road opening or occupancy is required for local roads for Developer Infrastructure Works or TRC Contracted Works, a ROL Application shall be completed electronically via the TRC Online Development Hub at <http://www.tamworth.nsw.gov.au/developmenthub>.

**ROL
Application**

There is a fee associated with this ROL application as per TRC's current year fees and charges and applicants must register to the Online Development Hub to gain access.

ROL Fee

Written approval must be obtained prior to planning and undertaking any work that impacts on TRC's road assets, adjacent or related infrastructure, or traffic flows.

**Supporting
Information**

It is TRC's preference that horizontal and under road boring be undertaken, where at all possible, to avoid excavation of a public road. The ROL Application should clearly detail why it is not possible to install the proposed infrastructure by horizontal and under road boring.

The ROL Application shall be accompanied by (where relevant):

- A description of the scope of work including all drawings and related details.
- Project duration and programme.
- Traffic management arrangements in accordance with *C201 - Control of Traffic*. This shall include details of any lane closures or traffic diversions proposed.
- Proposed method for rectifying road assets that are being modified as part of the work.
- Site protection including barricading, fencing, delineation and signage as applicable.
- Contingencies for unexpected delays and weather.
- Details relating to the location of other assets and infrastructure that is to be protected from damage.
- Environmental Approvals, management plans and details of associated control measures.
- Other licences, permits and approvals applicable to the work.

TRC reserves the right to request other management plans and assessments depending on the scope of work and associated risks that are associated with the proposal.

C290.06 CONTINGENCY BOND

TRC reserves the right to obtain a bond from the Constructor or Applicant where it is deemed that the road assets are at risk to damage or failure as part of the work. The value of the bond shall be determined by TRC depending on the potential risk to TRC assets and the associated costs for rectification. The only acceptable form for the bond shall be an unconditional bank guarantee.

Bond

The bond shall be held for the duration specified by TRC.

C290.07 INSURANCES

The Constructor or Applicant shall provide evidence of the following insurances prior to the ROL Application being approved:

Insurance Requirements

- Workers Compensation Insurance.
- Public Liability Insurance (minimum \$20 million).
- Professional Indemnity (minimum \$5 million where design is being undertaken).
- Plant and Motor Vehicle Insurance.

C290.08 CLASSIFIED ROAD NETWORK

The classified (State) road network within the TRC local government area is controlled by Transport for NSW (TfNSW). The extent of asset ownership may vary for different sections of the classified road network. Clarification should be sought from both TfNSW and TRC as to the requirements that may be applicable to the proposed work.

Road Hierarchy

Where applicable, Section 138 concurrence or a TfNSW Works Authorisation Deed (WAD) shall be obtained.

C290.09 BACKFILL OF EXCAVATIONS

The backfill of excavations shall be undertaken in accordance with *C213 - Earthworks*. The material shall have similar characteristics as the adjacent material up to the underside of pavement. Where possible, the excavated material shall be reused unless it

Backfill

is contaminated or unsuitable due to excessive moisture.

C290.10 PAVEMENT RECONSTRUCTION

The pavement shall be replaced in accordance with the requirements of *C242 - Flexible Pavements* to the depth of the adjacent pavement layers provided. Excavated pavement materials shall be replaced with conforming materials. Where pavement reconstruction is required, the proposed method of reconstruction shall address the following:

Pavement

- Suitability of the width of excavation to provide sufficient compactive effort.
- Measures to avoid differential settlement (i.e. stepping of the pavement layers).
- Potential drainage issues resulting from the excavation, the associated backfill, seal and pavement materials.
- The wearing course shall be a like for like treatment.

C290.11 RECTIFICATION BY TAMWORTH REGIONAL COUNCIL

The Constructor or Applicant is responsible for undertaking all works in accordance with the documents submitted, the ROL and TRC's Specifications and TRC Standard Drawings.

TRC reserves the right to 'make good' any defect either during the construction of the Works, Defects Liability Period or Maintenance Bond Period for Developer Infrastructure Works, where in TRC's opinion, the defect constitutes a safety hazard, the work has not been completed to a suitable standard or the work has not been undertaken in a timely manner. All costs associated with the rectification of a defect shall be paid in full by the Constructor or Developer.

***Applicant's
Costs***

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