



# **Construction Specification for Civil Works**

## **C290 - Road Openings**

# TABLE OF CONTENTS

CLAUSE	CONTENTS	PAGE
	ORIGIN OF DOCUMENT, COPYRIGHT.....	2
	REVISIONS: C290 - Road Openings .....	2
<b>GENERAL</b> .....		<b>3</b>
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 .....	5
C290.11	RECTIFICATION BY ARMIDALE REGIONAL COUNCIL .....	6



## GENERAL

### C290.01 INTRODUCTION

This Specification aims to provide information relating to the Works requiring road openings and restoration. Armidale Regional Council (ARC) 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 ARC 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 ARC local government area requiring a construction certificate.
- **Contracted Works** – infrastructure work undertaken by a Principal Contractor or subcontractor formally appointed by ARC and supervised by ARC.
- **Internal Works** - infrastructure work undertaken by ARC'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**

**ARC Representative** – Defined as follows:

**ARC  
Representative**

- **Developer Infrastructure Works** – Nominated ARC officer(s) for the approved Development.
- **For Contracted Works** – the Superintendent.
- **For Internal Works** – ARC 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** – ARC 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 Armidale Regional Council (ARC) 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 ARC Construction Specifications at the time of the Works approval.

**Currency**

**(a) Armidale Regional Council (ARC) Specifications**

- C201 - Control of Traffic.
- C213 – Earthworks.
- C242 - Flexible Pavements.
- C401 - Water Reticulation.
- C402 - Sewerage System.

**ARC Specifications**

**(b) ARC Standard Drawings Applicable to this Section**

- 030-062 Standard Urban Road Design Details.
- 030-064 Rural Residential and Rural Road Standard.

**ARC Standard Drawings**

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

Where any ARC 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, ARC Standard Drawings, this Specification or the documents referenced within it, shall be submitted for approval to the ARC Representative with supporting evidence at least five (5) working days prior to the work being undertaken.

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

**Hold Point**

**C290.05 SUBMISSION REQUIREMENTS**

Where a road opening or occupancy is required for local roads for Developer Infrastructure Works or ARC Contracted Works, a S138 Application shall be completed electronically via the application form on the Armidale Council website at <https://www.armidaleregional.nsw.gov.au/council/council-governance/council-forms>

**ROL Application**

There is a fee associated with this S138 application as per ARC's current year fees and charges.

**ROL Fee**

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

**Supporting Information**

It is ARC'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):

**ROL Application Requirements**

- 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.

ARC 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**

ARC 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 ARC depending on the potential risk to ARC 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 ARC.

#### **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 ARC local government area is controlled by TfNSW. The extent of asset ownership may vary for different sections of the classified road network. Clarification should be sought from both TfNSW and ARC 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 is contaminated or unsuitable due to excessive moisture.

***Backfill***

#### **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 ARMIDALE REGIONAL COUNCIL**

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

ARC 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 ARC'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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