



# **Construction Specification for Civil Works**

## **C201 – Control of Traffic**

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**ORIGIN OF DOCUMENT, COPYRIGHT**

This document was originally based on AUS-SPEC - Development Construction Specification C201 - Control of Traffic. Substantial parts of the original AUS-SPEC document have been deleted and replaced in the production of this Tamworth Regional Council 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](http://www.tamworth.nsw.gov.au/construction_specifications)

**REVISIONS: C201 - CONTROL OF TRAFFIC**

<b>REVISIONS</b>	<b>CLAUSES AMENDED</b>	<b>AMENDMENT DETAILS</b>	<b>DATE</b>
1		Original Issue	20/05/2019

## GENERAL

### C201.01 SCOPE

This Specification sets out the requirements for the management of traffic passing through and/or adjacent to the Works site. Scope includes:

- (a) Measures for the safe movement of traffic;
- (b) Use of Traffic Controllers to direct and control traffic;
- (c) Design, construction, upgrading, maintenance and removal of any temporary roadways and detours;
- (d) Provision of access to properties adjoining the work site;
- (e) Protection of workers from passing traffic; and
- (f) Installation and removal of temporary signs, road markings, lighting and safety barriers;

### C201.02 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***

### C201.03 REFERENCES

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) Australian Standards**

References in this Specification or on the approved design drawings to Australian Standards are noted by their prefix AS or AS/NZS.

- AS 1742 - Manual of Uniform Traffic Control Devices.
- AS 1742.3 - Traffic Control Devices for Works on Roads.
- AS 743 - Road Signs Specifications.
- AS 1744 - Standard Alphabets for Road Signs.
- AS 1906 - Retro-reflective Materials & Devices for Road Traffic Control Purposes.
- AS/NZS 4602 - High Visibility Safety Garments.

**(b) Roads and Maritime Services (RMS) Publications**

Traffic Control at Work Sites Manual.

**(c) Legislation**

Work Health and Safety Act 2017 (WHS Act).

**C201.04 TRAFFIC CONTROL PERSONNEL**

Persons undertaking traffic control must have attended and be qualified by RMS in the traffic control training courses relevant to their role. For further information relating to the roles and training courses refer to the RMS Traffic Control at Work Sites Manual. Evidence that the qualifications attained by Traffic Control Personnel shall be maintained by the Constructor at all times.

*Personnel*

Where Traffic Control is required on a classified road, the Traffic Control Company shall be registered with the RMS Registration scheme Category G 'Traffic Control.

*RMS  
Registration*

**C201.05 PLANNING FOR TRAFFIC CONTROL**

Traffic control shall be planned in a manner that results in the least possible disruption to traffic, provided the work site can be managed in a safe manner. Where applicable, consult with the TRC Representative.

*Planning*

Impacts to the flow of traffic shall be considered particularly during peak periods where high traffic volumes may result in other traffic impacts as a result of slow moving traffic or queuing (i.e. at a nearby roundabout or signalised intersection).

At all times, safe access shall be provided for vehicles, cyclists and pedestrians. The requirements for pedestrians shall be considered at all stages of the traffic control design and implementation phases. Access to adjacent properties shall be maintained

For local roads, a Road Occupancy Licence (ROL) shall be obtained from TRC to implement the required traffic control, occupy the road to undertake the required work, and implement a temporary speed zone, where required

*TRC Road  
Occupancy  
Licence*

For classified roads, a ROL shall be obtained from RMS to implement the required traffic control, occupy the road to undertake the required work, and implement a temporary speed zone, where required

*RMS Road  
Occupancy  
Licence*

**C201.06 TRAFFIC MANAGEMENT PLAN**

A Traffic Management Plan (TMP) shall be developed for all works with the exception of the following:

*Traffic  
Management  
Plan  
Requirements*

- (a) Local and Access Roads with less than 1,000 vehicles per day (unless prescribed by the development consent); and
- (b) Emergency works (i.e. a burst water main).

The TMP must include the following elements:

- (a) Details of any traffic staging where applicable;
- (b) Traffic Control Plans (TCP's) for each stage of the Works where applicable;
- (c) Vehicle Movement Plans where the proposed work involves extensive amounts of site traffic accessing the site. Adequate detail for vehicles and plant to enter, exit or cross the flow of through traffic is required;
- (d) Pedestrian Movement Plans where there is significant pedestrian activity that is impacted by the proposed work or traffic control arrangements;
- (e) Provision of access to adjoining properties or side roads;
- (f) Approval to occupy the road and temporary speed zone approvals where applicable;
- (g) Details of any temporary roadways and detours if applicable; and
- (h) Names and contact details of nominated personnel including the person(s) responsible for traffic control at the work site.

The person(s) nominated to have responsibility over the development and implementation of the TMP shall have adequate authority and experience to administer the TMP and implement the traffic control requirements diligently. As a minimum, the person(s) nominated as being responsible for traffic control shall hold a current RMS Design and Inspect Traffic Control Plans.

**Responsible  
Person(s)**

#### **HOLD POINT**

The TMP, including all the applicable details identified in C201.06, shall be submitted to the TRC Representative at least five (5) working days prior to the proposed date of commencement of site work.

Amendments to the TMP shall be resubmitted to the TRC Representative at least five (5) working days prior to implementation.

**PROCESS HELD:** Site Establishment and any subsequent site work.

**Hold Point**

It should be noted by the Constructor that the release of this Hold Point does not negate or reduce the Constructor's responsibility to implement an effective TMP. Furthermore, the release of this Hold Point does not relieve the Constructor's responsibility to review the suitability of the traffic management arrangements and TCP's when implemented (or altered) for the work site.

**Constructor's  
Responsibility**

The Constructor, as the Persons Conducting a Business or Undertaking (PCBU) as per the WHS Act is deemed responsible for the safety of the traffic management and traffic control arrangements on the PCBU's work site.

TRC reserves the right to request the Constructor to obtain a third-party Road Safety Audit of the traffic management arrangements. The cost of the Road Safety Audit shall be borne by the Constructor.

#### **C201.07 TRAFFIC CONTROL PLANS**

Standard TCP's from the RMS Traffic Control at Work Sites Manual may be used where the proposed site arrangements match the standard TCP. Minor modifications to the standard TCP's may be made by a person who holds a current RMS Select and Modify Traffic Control Plans qualification.

**Traffic Control  
Plan  
Requirements**

Where a standard TCP is not suitable, a site-specific TCP shall be developed by a person who holds a current RMS Design and Inspect Traffic Control Plans qualification.

The following details are required to be shown on all TCP's:

- (a) Types and locations of permanent regulatory (R series) and warning (W series) signs;
- (b) Types and locations of temporary signs (T series) including advance warning signs and variable message signs (VMS);

- (c) Locations of permanent and temporary traffic signals;
- (d) Locations of any required Traffic Controllers;
- (e) Locations and lengths of taper and safety buffer areas;
- (f) Locations of safety barrier systems including end terminals;
- (g) Pedestrians and shared paths (cyclists and pedestrians);
- (h) Locations of entry and exit gates to work areas, individually numbered and signposted;
- (i) Details of access to adjoining properties, car parking areas, and side roads;
- (j) Pavement marking details, including types of delineation required, turning arrows, stop/holding lines and other road markings, types and positions of raised pavement markers and other delineation devices; and
- (k) Locations of temporary lighting.

The TCP must be signed and dated by the person who has developed and approved the TCP. The signature shall be accompanied by the persons full name and RMS Registration number.

#### **HOLD POINT**

Where a TCP has not been submitted with the Hold Point for the TMP, a separate Hold Point shall be submitted to the TRC Representative for all new or amended TCP's at least five (5) working days prior to implementation.

**PROCESS HELD:** Implementation of a new or modified TCP.

**Hold Point**

The effectiveness of the traffic management and control measures shall be assessed and checked at regular intervals. The proposed intervals shall be detailed in the TMP and shall comply with the RMS Traffic Control at Work Sites Manual. Detailed records of the inspections shall be kept on site and compiled with the Works Records. The checks must be undertaken by a person who has a current RMS Apply Traffic Control Plans qualification.

**Regular  
Monitoring**

#### **C201.08 TRAFFIC CONTROL DEVICES**

All traffic control devices shall be planned, installed and implemented in accordance with AS 1742 and the RMS Traffic Control at Work Sites Manual. The devices where references should be made (but not limited to) include:

**Device  
Compliance**

- (a) Safety Barriers;
- (b) Pavement markings and signs (including the procedures for adequate removal);
- (c) Portable variable message signs;
- (d) Radar activated speed signs; and
- (e) Portable traffic signals.

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