

# Supplement to Australian Standard

21.056 – 30 MARCH 2021

Supersedes: Version 4

## Supplement to Australian Standard AS 1742.3:2019, *Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads* Version 4.1

### General

Standards Australia has released AS 1742.3:2019, *Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads*.

All road agencies across Australasia have agreed to adopt the Austroads *Guide to Traffic Management* to ensure a level of consistency and harmonisation across all jurisdictions. The agreement means that the Austroads Guide and the Australian Standards which are referenced in them (including AS 1742.3:2019) become technical references for use within Transport for NSW ('Transport').

### Application of supplement

This supplement is issued to clarify, add to, or modify the AS 1742.3:2019, *Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads*.

Transport implements the principles in AS 1742.3:2019, with variations documented in this supplement under the following categories:

- **Departures (Legislative):** Transport practices that depart from AS 1742.3:2019, due to State-based legislative requirements.
- **Departures (Transport process):** Transport practices that depart from AS 1742.3:2019, due to Transport process.
- **Additional Information:** Technical information and practices set out in Transport authored guides, manuals, technical directions and/or other reference material, which enhance or complement the AS 1742.3:2019.

The variations listed in the Supplement prevail as the accepted standard for the Transport for NSW road network in New South Wales.

For other associated supplements see the [Transport for NSW, formerly Roads and Maritime \('RMS'\) supplement for Austroads Guide to Traffic Management](#) and [Transport for NSW supplement for Austroads Guide to Road Design](#).

For enquiries about this supplement please email: [Traffic.Engineering@transport.nsw.gov.au](mailto:Traffic.Engineering@transport.nsw.gov.au)

## About this release

<b>Title:</b>	Supplement to Australian Standard AS 1742.3:2019, <i>Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads</i>
<b>Branch/Section/Unit:</b>	Technical Services / Advanced Technical Services / Road Specialists
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<b>Publication no:</b>	21.056

## Document history

Version	Date	Reason for amendment	Approved by
4.1	Mar 2021	Update supplement into new template including name change from RMS to Transport for NSW. Add disclaimer to clarify document intended audience.	Peter Ellis, A/Director Road Specialists
4.0	Sep 2020	Update supplement into new Transport template and change reference to government agency. Update supplement to reflect Transport practice following publication of Traffic Control at Work Sites (Technical Manual) Issue 6.0. Update to reflect practice against publication of AS 1742.3:2019.	Nicole Boyce, A/Director Traffic Engineering Services
3.0	Jun 2019	Update supplement into new template and separate AS1742 parts. Introduce new document ownership. Update categorisation of supplements and include in supplement table. Update hyperlinks Update to include specific reference to s.4.11 Reference new technical directions.	Kellee McGilvray, Director Traffic Engineering Services
2.3	Jul 2016	Update supplement into new template. Update approvals to align with current organisational structure.	Craig Moran, General Manager Road Network Operations

Version	Date	Reason for amendment	Approved by
2.0	Jul 2013	General – name change General Manager Traffic Management to General Manager Traffic and Safety Management. Removal of General Manager Safer Roads	Robert O’Keefe, Manager Traffic Policies, Guidelines & Legislation
1.3	Dec 2011	General – name change. Roads and Maritime Services (RMS) formally Roads and Traffic Authority (RTA)	Robert O’Keefe, Manager Traffic Policies, Guidelines & Legislation
1.0	Jan 2011	Original Issue	Robert O’Keefe, Manager Traffic Policies, Guidelines & Legislation

*Note: Where previous supplement updates did not impact this part, they have not been included in this document history.*

## List of supplements to AS 1742.3:2019, *Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads*

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads</i>
All Sections		
	Departure (Transport process)	Transport practice for traffic signs is provided in the <a href="#">Traffic Sign register</a> . The Transport <a href="#">Traffic Sign register</a> contains all approved signage to be used within the Transport road infrastructure network. Where inconsistencies between signs identified in the AS1742.3 and the <a href="#">Traffic Sign register</a> exist, the Transport <a href="#">Traffic Sign register</a> shall prevail.
	Departure (Transport process)	Practice for temporary traffic control of roadwork sites is provided in <a href="#">Traffic Control at Work Sites, technical manual (TCAWS)</a> . Where inconsistencies between practice identified in AS 1742.3 and the <a href="#">TCAWS</a> exist, <a href="#">TCAWS</a> prevails.
	Additional Information	Complementary material for temporary traffic control of roadwork sites is provided in: <ul style="list-style-type: none"> <li>• <a href="#">Traffic Control Training webpage</a>;</li> <li>• <a href="#">Transport QA Specification 3352</a>;</li> <li>• <a href="#">Transport QA Specification 3385</a>; and</li> <li>• <a href="#">Transport QA Specification R145</a>.</li> </ul>
Section 2		
	Additional Information	Complementary material for traffic management plans (TMP) is provided in <a href="#">TCAWS</a> . A summary of practice is: TMPs must be prepared by a person holding 'Prepare Work Zone Traffic Management Plan' qualification.
Section 3		
3.1	Additional Information	Complementary material for traffic guidance schemes is provided in <a href="#">TCAWS</a> . A summary of practice is: <ul style="list-style-type: none"> <li>• Traffic guidance schemes must only be designed by a person holding 'Prepare Work Zone Traffic Management Plan' qualification.</li> <li>• Traffic guidance schemes must only be selected by a person holding either a 'Prepare Work Zone Traffic Management Plan' or 'Implement Traffic Control Plans' qualification.</li> <li>• Traffic guidance schemes must only be implemented by a person holding 'Implement Traffic Control Plans' qualification.</li> </ul>
3.2(e)	Additional Information	Practice for signs and devices is provided in <a href="#">TCAWS</a> . A summary of practice is: Departures and alternative arrangements is provided in <a href="#">TCAWS</a> .
3.4	Departure (Transport process)	Practice for temporary traffic management (TTM) speed zones is provided in <a href="#">TCAWS</a> .
3.4.2(a)	Additional Information	Complementary material for temporary speed zone is provided in <a href="#">TCAWS</a> . A summary of practice is: Transport permits the use of a 70 km/h temporary speed zone where Variable Speed Limit Signage is permanently installed.
3.4.4	Additional Information	Complementary material for advance warning of temporary speed zone (buffer zones) is provided in <a href="#">TCAWS</a> . A summary of practice is: Transport permits the use of speed limit increments of 30 km/h where Variable Speed Limit Signage is permanently installed.

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads</i>
Section 4		
	Additional Information	Complementary material for function, description and use of standard signs and devices is provided in <a href="#">TCAWS</a> .
4.2.1	Additional Information	Complementary material for selection and use of standard signs and devices is provided in <a href="#">TCAWS</a> . A summary of practice is: <ul style="list-style-type: none"> <li>• New sign or device requests must be submitted in accordance with the departures process provided in <a href="#">TCAWS</a>.</li> <li>• Approval for installation of regulatory signs is provided in <a href="#">TCAWS</a>.</li> </ul>
4.2.2	Departure (Transport process)	Practice for multi-message signs (MMS) is provided in <a href="#">TCAWS</a> . A summary of practice is: <ul style="list-style-type: none"> <li>• MMS published in the <a href="#">Traffic Signs Register</a> must only be used.</li> <li>• MMS must only be used where the existing permanent posted speed limit is less than 65 km/h.</li> <li>• MMS must not be used on multi-lane carriageways.</li> </ul>
4.2.4	Departure (Transport process)	Practice for delineating a path through a worksite is provided in <a href="#">TCAWS</a> . A summary of practice is: Unidirectional flashing yellow lamps must not be used to delineate a path through a work site.
	Additional Information	Complementary material for pavement markings is provided in <a href="#">Transport QA Specification R145</a> .
4.2.8	Additional Information	Complementary material for vehicle size and load restrictions is provided in <a href="#">TCAWS</a> . A summary of practice is: Semi-permanent traffic arrangements, such as the installation of temporary barriers, contra-flow arrangements, and falsework structures, must not significantly affect the movement of Oversize Overmass vehicles. See <a href="#">Oversize Overmass Load Carrying Vehicles Network</a> map or contact <a href="mailto:roadfreight@rms.nsw.gov.au">roadfreight@rms.nsw.gov.au</a> for further information.
4.3	Additional Information	Complementary material for Installation and removal of signs and devices is provided in <a href="#">TCAWS</a> .
4.3.2	Additional Information	Complementary material for positioning of signs and devices is provided in <a href="#">TCAWS</a> .
	Additional Information	Complementary material for cyclist considerations at road works is provided in <a href="#">TCAWS</a> .
	Additional Information	Complementary material for duplication of signs is provided in <a href="#">TCAWS</a> .
4.3.4	Departure (Transport process)	Practice for orienting signs is provided in <a href="#">TCAWS</a> .
4.4.3	Departure (Transport process)	Practice for sign sizes in the T Series is provided in <a href="#">TCAWS</a> . A summary of practice is: B size signs must be used where the relevant A size sign is less than 1 m <sup>2</sup> in area and traffic speeds are greater than 65 km/h.
4.4.4	Departure (Transport process)	Practice for sign panel sizes in the TM Series is provided in <a href="#">TCAWS</a> . A summary is: Transport does not use the E size sign panel.

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4.5.2	Departure (Transport process)	Practice for MMS frames is provided in <a href="#">TCAWS</a> . A summary of practice is: Transport does not use the multi-message sign frame holding one 600 mm wide × 900 mm high panel together with one 600 mm square panel and one 600 mm × 300 mm panel.
4.6.2	Additional Information	Complementary material for ROADWORK AHEAD type and related signs is provided in <a href="#">TCAWS</a> . A summary of practice is: Roadwork Ahead (T1– 1) sign must also be used for: <ul style="list-style-type: none"> <li>• A diversion of traffic along a side track or detour;</li> <li>• Unexpected conditions, such as loose stones or the absence of linemarking; and</li> <li>• Short-term works where additional advance warning is warranted.</li> </ul>
4.6.3	Additional Information	Complementary material for BRIDGEWORK AHEAD type and related signs is provided in <a href="#">TCAWS</a> . A summary of practice is: Bridgework Ahead (T1-2) sign must also be used for: <ul style="list-style-type: none"> <li>• A diversion of traffic along a side track or detour;</li> <li>• Unexpected conditions, such as loose stones or the absence of linemarking; and</li> <li>• Short-term works where additional advance warning is warranted.</li> </ul>
	Departure (Transport process)	Practice for BRIDGEWORK AHEAD type and related signs is provided in <a href="#">TCAWS</a> . A summary of practice is: Bridgework X km Ahead (T1-29) sign must be used where: <ul style="list-style-type: none"> <li>• the approach speed are greater than 85 km/h; and</li> <li>• sight distance is less than 150 m.</li> </ul>
4.6.4	Additional Information	Complementary material for ROAD PLANT AHEAD type and related signs is provided in <a href="#">TCAWS</a> . A summary of practice is: For frequently changing work areas, Transport uses the Road Plant Ahead (T1-3-1) sign or Grader Ahead (T1-4) sign together with the NEXT 2 km (T1-28) sign. The distance 2 km may be increased to 10 km for shoulder grading and mowing in open road areas and for maintenance grading on unsealed roads.
4.6.6	Departure (Transport process)	Practice for ROADWORK NEXT X km (T1-24) signs is provided in <a href="#">TCAWS</a> . A summary of practice is: ROADWORK NEXT X km (T1-24) signs must be used in accordance with the criteria provided in <a href="#">TCAWS</a> for frequently changing work without the use of a shadow vehicle.
4.6.8	Additional Information	Complementary material for NEXT X km (T1-28, TM1-28) is provided in <a href="#">TCAWS</a> . A summary of practice is: At frequently changing work areas, Transport uses the Workers Symbolic (T1-5) sign, Roadwork Ahead (T1– 1) sign or Bridgework Ahead (T1-2) sign together with the NEXT 2km (T1-28) sign.
4.6.10	Additional Information	Complementary material for END ROADWORK type and related signs is provided in <a href="#">TCAWS</a> . A summary of practice is: Where placed, END ROADWORK (T2–16) sign must be: <ul style="list-style-type: none"> <li>• Placed D from the last point of the work site, and</li> <li>• Placed adjacent to or after any signs indicating the reinstatement of an existing permanent speed limit.</li> </ul>
4.7.2(b)	Additional Information	Complementary material for PREPARE TO STOP (T1-18, TM1-18) signs is provided in <a href="#">TCAWS</a> . A summary of practice is: A Prepare to Stop (T1- 18) sign must be used together with the relevant device warning, where traffic is required to stop in compliance with a portable traffic control device.

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads</i>
4.7.3(a)	Departure (Transport process)	Practice for GIVE WAY type and related signage is provided in <a href="#">TCAWS</a> . A summary of practice is: Sign control, single lane operation, is appropriate when: <ul style="list-style-type: none"> <li>• The traffic volume is 100 vpd or less and the traffic speed is less than 75 km/h;</li> <li>• Each entry to the work area is visible from the other;</li> <li>• The work area is less than 100 m long; or</li> <li>• There is sight distance to opposing traffic of at least 300 m beyond the far end of the work area for traffic facing the GIVE WAY/ONE LANE assembly sign.</li> </ul>
4.7.4	Departure (Transport process)	Practice for traffic signal control is provided in <a href="#">TCAWS</a> . A summary of practice is: Stop Here On Red Signal (R6-6) sign must be located 6 m in advance of the portable traffic signal.
4.7.5(a)	Departure (Legislative)	Requirements for STOP sign (R6-8) is provided in <a href="#">Road Rules</a> . A summary of practice: In NSW, a Stop (R1-1) sign must be affixed to the boom barrier, and positioned so that it is vertically and horizontally in the centre of the boom, and is clearly visible to approaching road users.
4.7.5(d)	Departure (Transport process)	Practice for Boom Barrier (TM2-52A) is provided in <a href="#">TCAWS</a> . A summary of practice is: Transport uses Boom Barrier Ahead (T1-272n) sign.
4.7.6	Departure (Legislative)	Requirements for Temporary speed limits is provided in <a href="#">Road Rules</a> . A summary of practice is: In NSW, Speed Limit ROAD WORK (R4-212n) signs must be used rather than R4-1 at the start of a roadworks speed zone.
	Additional Information	Complementary material for traffic speed limits is provided in <a href="#">TCAWS</a> . A summary of practice is: END ROADWORK (T2-16) or (T2-17) signs must be placed adjacent to or after any signs indicating the reinstatement of an existing permanent speed limit, and placed at D from the last point of the work site.
4.7.6(a)	Departure (Legislative)	Transport prohibits the use of temporary variable speed limit signs
4.7.6(d)	Additional Information	Complementary material for traffic speed limits is provided in <a href="#">TCAWS</a> . A summary of practice is: Roadwork speed zones less than 65 km/h must be located so that the zone commences no closer than 100 m before the start of the work. Where 100m cannot be achieved a Speed Limit Ahead (G9-79) sign must be installed to advise road users of speed reduction.
4.8.9	Departure (Legislative)	Requirements for NO ENTRY (R2-4) or No Left / Right Turn (R2-6) signs is provided in <a href="#">TCAWS</a> . A summary of practice is: In NSW, Transport prohibits the use of: <ul style="list-style-type: none"> <li>• R2-4 signs. Rather R2-4n are permitted for use in accordance with the provisions of <a href="#">TCAWS</a>.</li> <li>• R2-6_l/r signs. Rather, R2-6n_l/r are permitted for use in accordance with the provisions of <a href="#">TCAWS</a>.</li> </ul>
4.9.1	Additional Information	Complementary material for road condition type and related signs is provided in <a href="#">TCAWS</a> . A summary of practice is: <ul style="list-style-type: none"> <li>• Slippery (T3-3), Soft Edges (T3-6), Rough Surface (T3-7), Gravel Road (T3-13), Loose Stones (T3-9) and Loose Surface (T3-14) signs must be used to warn motorists of temporarily hazardous roadway surface conditions.</li> </ul>



Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads</i>
		<ul style="list-style-type: none"> <li>Road condition signs must be placed at locations where the freshly graded surface has loose material that has become a hazard.</li> </ul>
4.9.3	Departure (Transport process)	Transport practice is NO LINES DO NOT OVERTAKE (TM3-12-1n) sign must be used instead of G9-89.
4.10.2	Additional Information	Complementary material for barrier boards is provided in <a href="#">Transport QA Specification 3385 Barrier Boards</a> .
4.11.1	Additional Information	Complementary material for traffic cones is provided in <a href="#">Transport QA Specification 3352 Fluorescent Plastic Traffic Cones</a> .
4.11.2	Additional Information	Complementary material for traffic cones and temporary bollards is provided <a href="#">Transport Supplement to AS 1742.2:2009</a> . A summary of practice is: Guide posts with delineators must be installed in accordance with AS 1742.2 and the Transport Supplement.
4.11.3	Departure (Transport process)	Practice for temporary hazard markers is provided in <a href="#">TCAWS</a> . A summary of practice is: Where used, the temporary hazard markers (T5– 4 or T5–5) must be used at least in pairs.
4.11.4	Departure (Transport process)	Practice for pavement marking is provided in <a href="#">TCAWS</a> . A summary of practice is: Pavement markings must comply with <a href="#">Transport QA specification R145</a> .
4.11.5	Additional Information	Complementary material for temporary pavement markings is provided in <a href="#">TCAWS</a> . A summary of practice is: On long-term works, raised retroreflective pavement markers complying with <a href="#">Transport QA Specification R142</a> may be used in conjunction with temporary pavement markings. The spacing and application must also be as specified in <a href="#">Transport QA Specification R142</a> .
4.12.1	Additional Information	Complementary material for containment fences is provided in <a href="#">TCAWS</a> . A summary of practice is: Transport requires that containment tape and fencing be supported by posts at not more than 5 m centres.
4.12.3	Additional Information	Complementary material for road safety barrier systems is provided in <a href="#">TCAWS</a> . A summary of practice for road safety barriers is: Road safety barrier systems must be approved for use and listed on the <a href="#">Safety Barrier Products website</a> .
4.13	Departure (Transport process)	Practice for flashing yellow lamps is provided in <a href="#">TCAWS</a> . A summary of practice is: Flashing yellow lamps must not be used to delineate a path through a work site.
4.14.2	Additional Information	Complementary material for illuminated flashing arrow signs is provided in <a href="#">TCAWS</a> . A summary of practice is: Illuminated flashing arrow signs must comply with <a href="#">Transport Specification TSI-SP-060 (Illuminated Flashing Arrow Signs)</a> .
4.14.3	Additional Information	Complementary material for supplementary vehicle-mounted signs is provided in <a href="#">TCAWS</a> . A summary of practice is: Other supplementary signs include WET PAINT ON ROAD (T2- 237n) or ROAD PLANT AHEAD (T1-3-2).
4.14.5	Departure (Transport process)	Practice for truck-mounted and trailer mounted crash attenuators (TMA) is provided in <a href="#">TCAWS</a> . A summary of practice is: For use on Transport roads, TMAs must be of an approved <a href="#">Transport supplier</a> .



Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads</i>
4.20.1(a)	Additional Information	Complementary material for Trucks type and related signs is provided in <a href="#">TCAWS</a> . A summary of practice is: Where roadworks generate truck turning movements remote from worksites, temporary warning signs should be used at the approaches to the points of access on through roads. If installed, all signs must be displayed before the haulage operations begin, and removed or covered at the end of each shift.
4.20.3	Additional Information	Complementary material for work site screens is provided in <a href="#">TCAWS</a> . A summary of practice is: Temporary safety barrier must be free from attachments (such as screens), unless the attachment has been approved for use with the with the temporary safety barrier.
4.21	Additional Information	Complementary material work high-visibility clothing for work personal is provided in <a href="#">Transport PN066P19 for Personal protective equipment (PPE)</a> .
4.22	Departure (Transport process)	Practice for variable message signs used at roadworks is provided in <a href="#">TCAWS</a> . A summary of practice is: Variable messages are to be additional to and not substituted for any sign, or warning or delineating device required by <a href="#">TCAWS</a> .
4.22.3(j)	Departure (Transport process)	Practice for message screens for variable message signs is provided in <a href="#">TCAWS</a> . A summary of practice is: Speed signs, No Left, Right and U-turn signs may be displayed on a VMS in reverse colour.
Appendix A		
	Departure (Transport process)	Transport practice for approved MMS is provided in <a href="#">TCAWS</a> . A summary of practice is: The <a href="#">Traffic Signs register</a> contains all approved signage to be used within the Transport road infrastructure network. Where inconsistencies between signs identified AS 1742.3 and the <a href="#">Traffic Signs register</a> exist, the Traffic Signs Register prevails.
Appendix B		
	Departure (Legislative)	Requirements for approved MMS is provided in <a href="#">TCAWS</a> . A summary of practice is: In NSW, Transport prohibits the use of: <ul style="list-style-type: none"> <li>• R4-1 signs. Rather, R4-212n are permitted for use in an MMS in accordance with the provisions of <a href="#">TCAWS</a>.</li> <li>• R2-6_l/r signs. Rather, R2-6n_l/r are permitted for use in an MMS in accordance with the provisions of <a href="#">TCAWS</a>.</li> <li>• R2-4 signs. Rather R2-4n are permitted for use in an MMS in accordance with the provisions of <a href="#">TCAWS</a>.</li> </ul>

#### Disclaimer:

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