

AS 1742 - Manual of Uniform Traffic Control Devices - Part 7 Railway Crossings

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Document information

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Document history

Revision	Effective date	Summary of changes
1.0	11 October 2022	Renumbered as TS 05384.7. Version number recommenced in line with new designation. Changes from the previous content include: <ul style="list-style-type: none"> • Format supplement to current template • Revised document references • Updated Section 2 and 3 • Removed Section 4.
3.1	Mar 2021	Update supplement into new template including name change from RMS to Transport for NSW. Add disclaimer to clarify document intended audience.
3.0	Jun 2019	Update supplement into new template and separate AS 1742 parts. Introduce new document ownership. Update categorisation of supplements and include in supplement table. Introduce TTD2017/002. Update hyperlinks. Update S1.3 to clarify triggers for upgrading railway crossings. Update Section 2 to include relevant signage departures. Update Section 4 to include relevant signage departures. Update Section 6 to include relevant signage departures.
2.3	Jul 2016	Update supplement into new template. Update approvals to align with current organisational structure.
2.0	Jul 2013	General - name change General Manager Traffic Management to General Manager Traffic and Safety Management. Removal of General Manager Safer Roads Updated AS 1742.7, General.
1.4	Mar 2012	Updated AS 1742.7, General.
1.3	Dec 2011	General - name change. Roads and Maritime Services (RMS) formally Roads and Traffic Authority (RTA)
1.0	Jan 2011	First Issue

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

Preface

Standards Australia has published AS 1742.7:2016, *Manual of Uniform Traffic Control Devices - Part 7: Railway Crossings*.

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 1742.7:2016) become technical references for use within Transport for NSW ('Transport').

This document is issued as a supplement to AS 1742.7:2016 to provide additional information and variations, where TfNSW has departed from the requirements in AS 1742.2:2016.

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SUPERSEDED

1 Scope

This supplement is issued to clarify, add to, or modify AS 1742.7:2016, *Manual of Uniform Traffic Control Devices - Part 7: Railway crossings*.

Transport implements the principles in AS 1742.7:2016, with variations documented in this supplement under the following categories:

- Departures (Legislative): Transport practices that depart from AS 1742.7:2016, due to State-based legislative requirements.
- Departures (Transport process): Transport practices that depart from AS 1742.7:2016, due to Transport processes.
- Additional Information: Technical information and practices set out in Transport authored guides, manuals, technical directions and/or other reference material, which enhance or complement AS 1742.7:2016.

The variations listed in this supplement prevail as the accepted standard for the Transport for NSW road network in NSW.

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 email standards@transport.nsw.gov.au.

2 List of supplements to AS 1742.7:2016

Table 1 provides a list of all applicable TfNSW supplements to AS 1742.7:2016, *Manual of Uniform Traffic Control Devices - Part 7: Railway crossings*.

Table 1 Supplements to AS 1742.7:2016

Reference section	Category	Supplements to AS 1742.7:2016
General (applicable to all Sections)		
	Departure (Transport process)	The <i>Traffic Signs Register</i> contains all approved signage to be used within the Transport road infrastructure network. Where inconsistencies exist between AS 1742.7 and the <i>Traffic Signs Register</i> exist, the <i>Traffic Signs Register</i> shall take precedence.

Reference section	Category	Supplements to AS 1742.7:2016
	Departure (Transport process)	<p>TS 05388:1.0 <i>Supplement to AS 1742.12:2017 Manual of Uniform Traffic Control Devices - Part 12: Bus, transit, tram and truck lanes</i> contains all approved tram (light rail) related line marking practices on the TfNSW road infrastructure network. Where inconsistencies exist between TS 05388:1.0 and AS 1742.7, TS 05388:1.0 shall take precedence.</p> <p>The <i>Traffic Signs Register</i> contains all approved tram (light rail) signage that shall be used within the TfNSW road infrastructure network. Where inconsistencies exist between AS 1742.7 and the <i>Traffic Sign Register</i>, the <i>Traffic Signs Register</i> shall take precedence.</p>
	Additional Information	<p>Transport complementary material for railway crossings is provided within the following primary reference documents:</p> <ul style="list-style-type: none"> • Rail crossing safety series • <i>Traffic Signal Design Guide</i>: <ul style="list-style-type: none"> ○ TS 02684:1.0 <i>Section 15 - Special Situations</i> ○ TS 02691:1.0 <i>Appendix F - Level crossing interface - Concept of operations</i> ○ TS 02692:1.0 <i>Appendix G - Level crossing interface Traffic signal design guidance</i> • TS 05462.17:1.0 <i>Delineation guide Section 17 - Alignment Signs and Markers</i> • TS 02645:1.0 <i>Supplement to Austroads Guide to Road Design, Part 4.</i>
Section 1		
1.3	Departure (Transport process)	Transport's practice departs from AS 1742.7 at existing crossings where new vehicle types have a comparable or improved performance to existing vehicles. If a crossing is undergoing a planned upgrade, then this upgrade shall comply with AS 1742.7.
Section 2		
Table 2.2	Departure (Legislative)	Transport does not use the No Entry (R2-4) sign as shown in AS 1742.7. Rather, the Pedestrians Prohibited (R6-15) shall be used in TfNSW road infrastructure. Refer to the <i>Traffic Signs Register</i> for all Transport approved signage.
2.4.4	Departure (Transport process)	A Keep Tracks Clear (G9-67-1 or G9-67-2) sign shall be installed on both the approach and the departure of a level crossing.
Section 3		
Figure 3.2	Departure (Transport process)	A Keep Tracks Clear (G9-67-2) sign shall be installed on both the approach and the departure of yellow box marking.
Section 6		
6.5.6	Departure (Legislative)	Transport does not use the No Entry (R2-4) sign as referenced in AS 1742.7 and instead uses Pedestrians Prohibited (R6-15). Refer to the <i>Traffic Signs Register</i> for all Transport approved signage.

Reference section	Category	Supplements to AS 1742.7:2016
Appendix F		
Figure F6	Departure (Legislative)	Transport does not use the No Entry (R2-4) sign referenced in AS 1742.7 and instead uses Pedestrians Prohibited (R6-15). Refer to the <i>Traffic Signs Register</i> for all Transport approved signage.

SUPERSEDED