

# Supplement to Australian Standard

21.083 – Effective date 24 May 2021  
Supersedes: Version 3

## Supplement to Australian Standard AS 1742.2:2009, *Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use* Version 3.1

### General

Standards Australia has released AS 1742.2:2009, *Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use*.

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 1742.2:2009) 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 1742.2:2009, *Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use*.

Transport implements the principles in the AS 1742.2:2009, with variations documented in this supplement under the following categories:

- Departures (Legislative): Transport practices that depart from AS 1742.2:2009, due to State-based legislative requirements.
- Departures (Transport process): Transport practices that depart from AS 1742.2:2009, 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 1742.2:2009.

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 AS1742.2:2009, <i>Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use</i>
<b>Branch/Section/Unit:</b>	Technical Services / Advanced Technical Services / Road Specialists
<b>Author:</b>	Jon Avery, A/Senior Traffic Engineering SME
<b>Approved by:</b>	Peter Ellis, Director Road Specialists
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<b>For:</b>	Internal and External distribution
<b>Next Review Date:</b>	24 May 2026
<b>Publication no:</b>	21.083

## Document history

Version	Date	Reason for amendment	Approved by
3.1	May 2021	<p>Update supplement into new template including name change from RMS to Transport for NSW and reference to new position titles.</p> <p>Add disclaimer to clarify document intended audience.</p> <p>Update S4.4.6.2 and Appendix F.</p> <p>Delete supplement to Table 5.1 and Table 5.2.</p>	Peter Ellis, Director Road Specialists
3.0	Jun 2019	<p>Update supplement into new template and separate AS1742 parts.</p> <p>Introduce new document ownership.</p> <p>Update categorisation of supplements and include in supplement table.</p> <p>Update hyperlinks.</p> <p>Update delegations for approvals to current RMS hierarchy.</p> <p>Remove reference to RMS warrants for stop signs.</p> <p>Update S2.8.4, S.2.10, S.2.12, S.3.4.3, S.3.7, S.4.2, Fig 4.5, S.4.7.2, Fig 4.16- 4.20, S.4.8.2 (e), S.4.14, S.5.3, S.5.4, S.5.6.5.1, and Appendix E.</p> <p>Delete supplements to S.2.9, S.3.6, S.3.8, Fig 3.4, Fig 3.5, Fig 5.1 and S.5.3.1.1.</p> <p>Add additional information to General, Table 2.1, S.2.6, S.2.8.4, S2.8.5, S.2.8.10, S.3 General, Table 3.1, S.3.4.3, Fig 3.1, Fig 3.2, Fig 3.6, S.4.4.7.11, Table 4.8, Table 4.11, S.4.13.6, S.4.12, S.5 General, Fig 5.1, S.5.3.3 and Appendix C.</p>	Kellee McGilvray, Director Traffic Engineering Services

Version	Date	Reason for amendment	Approved by
2.4	Aug 2016	Updated AS1742.2, S3.8, S4.7.4 and S4.7.5.2 – align signage for zipper merges and lane changes with the Australian Standard.	Craig Moran, General Manager Road Network Operations
2.3	Jul 2016	Update supplement into new template. Update approvals to align with current organisational structure. 1742.2 D2.3 – vertical clearances for permanent VMS	Craig Moran, General Manager Road Network Operations
2.2	Oct 2014	Updates to other parts unrelated to AS1742.2.	Wayne Wilson, A/ Principle Manager Policy, Research and Litigation
2.1	Jan 2014	Updated AS1742.2, S4.2.5.2. Updated AS1742.2, S5.6.5.1 (Table 5.3).	Robert O’Keefe, Manager Traffic Policies, Guidelines & Legislation
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 AS1742.2, S2.12, S5.3.2.2 (c)	Robert O’Keefe, Manager Traffic Policies, Guidelines & Legislation
1.4	Mar 2012	Updated AS1742.2 S5.6.5.1 (Table 5.3)	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) Updated AS1742.2 S2.12 (fig 2.5), S5.3, S5.3.7, S5.4, S5.5, S5.6.5.2 (fig 5.25)	Robert O’Keefe, Manager Traffic Policies, Guidelines & Legislation
1.2	Jun 2011	Updated AS1742.2 S4.7.4 (fig 4.16A), S5.5	Robert O’Keefe, Manager Traffic Policies, Guidelines & Legislation
1.1	May 2011	Updated AS1742.2 S2.5, S4.7.4, S4.7.5.2, S5.5, S5.6.5.2, S5.7.2, S5.7.4	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 1742.2:2009, *Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use*

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use</i>
General (applicable to all Sections)		
	Departure (Transport process)	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 AS1742.2 and the <a href="#">Traffic Sign register</a> exist, the Transport <a href="#">Traffic Sign register</a> shall prevail.
	Additional Information	Transport's complementary material for traffic control devices for general use is provided within the following primary reference material: <ul style="list-style-type: none"> <li>• <a href="#">Delineation</a> guide</li> <li>• <a href="#">Traffic Signal Design</a> guide</li> <li>• <a href="#">Guide Signposting</a></li> <li>• <a href="#">TTD 2013/08 Approved Retroreflective Sheeting Materials for Road Signs</a></li> <li>• <a href="#">TTD 2017/002 Special purpose lanes for trams - signage and line marking</a>.</li> </ul>
	Additional Information	The Traffic Control at Works Sites (Technical Manual) shall be referred to and applied in relation to traffic control devices for general use for all Transport road and bridge works.
Section 1		
1.6	Departure and Additional Information	<p>The following NSW statutory and non-statutory documents govern Transport practice:</p> <ul style="list-style-type: none"> <li>• For Transport role and purpose see: <ul style="list-style-type: none"> <li>○ <a href="#">Transport Administration Act 1988</a></li> </ul> </li> <li>• For road classification and Road Authority powers see: <ul style="list-style-type: none"> <li>○ <a href="#">Roads Act 1993</a></li> <li>○ <a href="#">Roads Regulation 2018</a></li> </ul> </li> <li>• For information about traffic control and traffic management powers see: <ul style="list-style-type: none"> <li>○ <a href="#">Road Transport Act 2013</a></li> <li>○ <a href="#">Road Transport (General) Regulation 2013</a></li> <li>○ <a href="#">A guide to the delegations to councils for the regulation of traffic (including the operation of traffic committee)</a></li> </ul> </li> <li>• For information about Road Rules and enforcement powers see: <ul style="list-style-type: none"> <li>○ <a href="#">Road Rules 2014</a></li> <li>○ <a href="#">Road Transport (General) Regulation 2013</a>.</li> </ul> </li> </ul> <p>Where inconsistencies between this supplement and NSW statutory and non-statutory controls exist, the controls within the NSW documents shall prevail.</p>
Section 2		

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use</i>
	Departure (Transport process)	The Transport <a href="#">Traffic Sign register</a> contains all approved Regulatory and Warning Signage to be used within the Transport road infrastructure network. Where inconsistencies between Regulatory signs and Warning signs identified in the AS1742.2 and the <a href="#">Traffic Sign register</a> exist, the Transport <a href="#">Traffic Sign register</a> shall prevail.
2.5	Additional Information	<p>Transport adopts the following practices for pavement markings associated with the use of Stop (R1-1, R1-4) signs and Give Way (R1-2, R1-3) signs:</p> <ul style="list-style-type: none"> <li>• A Stop (TF) line 300mm wide must be extended from the left hand edge of pavement to the dividing line of two way roads. A broken line 150mm (TB1) shall be continued on the right half of two-way roads from the dividing line to right hand edge of pavement. Refer to <a href="#">Section 6 Transverse</a> markings of the <a href="#">Delineation</a> guide.</li> <li>• A Give Way (TB) line comprised of a broken line 300 mm wide with line segments 600mm long separated by 600 mm gap must be extended from the left hand edge of pavement to the dividing line of two way roads. A broken line 150mm (TB1) shall be continued on the right half of two-way roads from the dividing line to right hand edge of pavement. Refer to <a href="#">Section 6 Transverse</a> markings of the <a href="#">Delineation</a> guide for further information.</li> </ul>
Table 2.1	Departure (Legislative)	<p>Transport does not use the following signs identified in AS1742.2:</p> <ul style="list-style-type: none"> <li>• No Right Turn (R2-6(R)) sign</li> <li>• No Left Turn (R2-6(L)) sign</li> <li>• No Entry (R2-4) sign</li> <li>• No U-turn (R2-7(L, R)) sign</li> <li>• Authorised Vehicles Excepted (R9-4) sign. Instead, use Transport sign R9-229.</li> </ul> <p>Rather, Transport sign designs are to be used in NSW. Refer to the <a href="#">Traffic Sign register</a> for all Transport approved signage.</p>
2.5.5	Additional Information	<p>Transport adopts the following practices for Left Turn Slip-Lanes:</p> <ul style="list-style-type: none"> <li>• Where a Left Turn Slip Lane requires entering traffic to give way to the intersecting traffic stream, provision of a Turn Left At Any Time With Care (R2-16) sign is the preferred Transport practice</li> <li>• If required, a Give Way (R1-2, R1-3) sign may be provided. In this instance, a Turn Left At Any Time With Care (R2-16) sign would not be used.</li> </ul> <p>Refer to the <a href="#">Traffic Sign register</a> for all Transport approved signage.</p>
2.6	Additional Information	<p>Transport complementary material for roundabout control is provided within the following primary reference documents:</p> <ul style="list-style-type: none"> <li>• <a href="#">Delineation</a> guide</li> <li>• <a href="#">Section 15 Special Situations</a> of the <a href="#">Traffic Signal Design</a> guide.</li> </ul>
2.7	Departure (Legislative and Transport process)	<p>Transport practice does not allow controlled U-turn movements at traffic signals however requests may be considered for special circumstances with the approval of Network Operations, Delegation level 4.</p>

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	Departure (Legislative)	Transport does not permit vehicle hook turns at traffic signals.
	Additional Information	Transport complementary material for control by traffic signals is provided within the following primary reference documents: <ul style="list-style-type: none"> <li>• <a href="#">Section 10 Signs</a> of <a href="#">Traffic Signal Design</a> guide</li> <li>• <a href="#">Rail Crossing Safety Series</a></li> <li>• <a href="#">Delineation</a> guide.</li> </ul>
2.8.4	Departure (Legislative)	Transport does not use No Entry (R2-4) sign as shown in AS1742.2. Rather, Transport No Entry (R2-4) sign designs are to be used in NSW. Refer to <a href="#">Traffic Signs register</a> for all Transport approved signage.
2.8.5	Departure (Legislative and Transport process)	Transport practice does not allow controlled U-turn movements at traffic signals however requests may be considered for special circumstances with the approval of Network Operations, Delegation level 4.
	Departure (Legislative)	Transport does not use the following signs identified in AS1742.2: <ul style="list-style-type: none"> <li>• No U-turn (R2-5) sign</li> <li>• No Right Turn (R2-6(R)) sign</li> <li>• No Left Turn (R2-6(L)) sign.</li> </ul> Rather, Transport sign designs are to be used in NSW. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signage
2.8.7	Departure (Legislative)	The NSW Road Rules only allow the use of one All Traffic Turn (R2-14) sign. A combination sign or the use of both signs together is not permitted.
2.8.10	Departure (Legislative)	Transport does not use Authorised Vehicle Excepted (R9-4) sign as shown in AS1742.2. Rather, Transport uses Authorised Vehicles Excepted (R9-229) sign in addition to Exemption plates identified in AS1742.2. The Authorised Vehicles Excepted (R9-229) sign must nominate the Organisation / Authority / Council or class of vehicle. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signage
2.10	Departure (Transport process)	Transport complementary material for pavement markings at intersections is provided within the following primary reference documents: <ul style="list-style-type: none"> <li>• <a href="#">Section 4 Longitudinal markings</a> of the <a href="#">Delineation</a> guide</li> <li>• <a href="#">Section 6 Transverse markings</a> of the <a href="#">Delineation</a> guide</li> <li>• <a href="#">Section 6 Pavement marking</a> of the <a href="#">Traffic Signal Design</a> guide.</li> </ul>
2.11	Additional Information	Transport complementary material for hazard markers and other devices is provided within <a href="#">Section 17 Alignment signs and markers</a> of the <a href="#">Delineation</a> guide.
2.12	Additional Information	Transport complementary material for typical arrangement diagrams for intersections is provided within the following primary reference documents: <ul style="list-style-type: none"> <li>• <a href="#">Delineation</a> guide</li> <li>• <a href="#">Traffic Signal Design</a> guide.</li> </ul>

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Figure 2.3	Departure (Transport process)	Transport requires raised retroreflective pavement markers to be used to enhance barrier lines and island outline markings at major rural intersections. Refer to <a href="#">Section 15 Raised pavement markers</a> of the <a href="#">Delineation</a> guide.
Figure 2.5	Departure (Transport process)	Transport requires raised retroreflective pavement markers to be used to enhance traffic islands, approaches to medians, raised and painted medians at major urban intersections with signals. Refer to <a href="#">Section 15 Raised pavement markers</a> of the <a href="#">Delineation</a> guide.
	Departure (Legislative)	Transport does not use the No Entry (R2-4) sign shown in Figure 2.6. Rather, Transport No Entry (R2-4) sign is permitted for use on a slip lane if no physical separation (e.g. a median) exists. Refer to <a href="#">Traffic Signs register</a> for all Transport approved signage.
	Additional Information	Transport complementary material for major urban intersections with traffic control signals is provided within the following primary reference documents: <ul style="list-style-type: none"> <li>• <a href="#">Traffic Signal Design</a> guide</li> <li>• <a href="#">Delineation</a> guide.</li> </ul>
Figure 2.6	Departure (Transport process)	Transport requires raised retroreflective pavement markers to be used to enhance traffic islands, approaches to medians, raised and painted medians at major urban intersections with signals (divided road). Refer to <a href="#">Section 15 Raised pavement markers</a> of the <a href="#">Delineation</a> guide
Figure 2.7	Departure (Transport process)	Transport complementary material for delineation at large roundabouts is provided in the primary reference documents <a href="#">Section 11 Pavement markings at roundabouts</a> and <a href="#">Section 15 Raised pavement markers</a> of the <a href="#">Delineation</a> guide.
	Additional Information	Transport complementary material for delineation at large roundabouts is provided in the primary reference documents <a href="#">Section 11 Pavement markings at roundabouts</a> and <a href="#">Section 15 Raised pavement markers</a> of the <a href="#">Delineation</a> guide.
Figure 2.9	Departure (Legislative)	Transport does not use the following signs shown in AS1742.2: <ul style="list-style-type: none"> <li>• No Right Turn (R2-6(R)) sign</li> <li>• No Left Turn (R2-6(L)) sign</li> <li>• No Entry (R2-4) sign</li> </ul> Rather, Transport sign designs are to be used in NSW. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signage.
Figure 2.10	Additional Information	Transport complementary material for signposting trap lanes at urban intersections is provided in the primary reference document <a href="#">Guide Signposting</a> .
Section 3		

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use</i>
	Additional Information	The Transport <a href="#">Traffic Signs register</a> contains all approved Regulatory, Warning and Guide signage to be used within the Transport road infrastructure network. Where inconsistencies between signs identified in the AS1742.2 and the <a href="#">Traffic Signs register</a> exist, the Transport <a href="#">Traffic Signs register</a> shall prevail.
3.4.2	Departure (Legislative)	Transport does not use the following signs shown in AS1742.2: <ul style="list-style-type: none"> <li>• No Right Turn (R2-6(R)) sign</li> <li>• No Left Turn (R2-6(L)) sign</li> <li>• No Entry (R2-4) sign.</li> </ul> Rather, Transport sign designs are to be used in NSW. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signage
Table 3.1	Departure (Legislative)	Transport does not use the following signs identified in AS1742.2: <ul style="list-style-type: none"> <li>• No Right Turn (R2-6(R)) sign</li> <li>• No Left Turn (R2-6(L)) sign</li> <li>• No Entry (R2-4) sign</li> <li>• Freeway Entrance (R6-20) sign.</li> </ul> Rather, Transport sign designs are to be used in NSW. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signage
3.4.3	Departure (Legislative)	Transport does not use Freeway Entrance (R6-20) sign as shown in AS1742.2. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signage.
3.5 and Table 3.2	Departure (Transport process)	Transport does not use the following signs identified in AS1742.2: <ul style="list-style-type: none"> <li>• EXIT SPEED x km/h <ul style="list-style-type: none"> <li>with turn symbol (W1-9-3) sign</li> <li>with reverse curve symbol (W1-9-4) sign</li> <li>with hairpin bend symbol (W1-9-5) sign</li> </ul> </li> </ul> Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signage.
3.7	Additional Information	Transport complementary material for pavement markings on expressways and at entrance and exit ramps is provided in primary reference document <a href="#">Delineation</a> guide.
Figure 3.1 and Figure 3.2	Departure (Legislative)	Transport does not use the following signs shown in AS1742.2: <ul style="list-style-type: none"> <li>• No Right Turn (R2-6®) sign</li> <li>• No Left Turn (R2-6(L)) sign</li> <li>• No Entry (R2-4) sign.</li> </ul> Rather, Transport sign designs are to be used in NSW. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signage.
	Additional Information	Transport <a href="#">Traffic Signs register</a> includes the following Motorway signs for use on NSW Motorways: <ul style="list-style-type: none"> <li>• Start Motorway (R6-241) sign</li> <li>• End Motorway (R6-243) sign</li> </ul> Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signage.



Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use</i>
Figure 3.5	Additional Information	Transport complementary material for Guide Signs is provided in the following primary reference documents: <ul style="list-style-type: none"> <li>• <a href="#">Guide Signposting</a></li> <li>• <a href="#">TDT 2013/01 – Management of changes to a road name for a state road in NSW</a></li> <li>• <a href="#">TDT 2013/02 – Management of changes to Alphanumeric (MAB) Route Marking system in New South Wales.</a></li> </ul>
Figure 3.6	Additional Information	Transport <a href="#">Traffic Signs register</a> includes the following Motorway signs for use on NSW Motorways: <ul style="list-style-type: none"> <li>• Start Motorway (R6-241) sign</li> <li>• End Motorway (R6-243) sign</li> </ul> Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signage.
Section 4		
4.2	Additional Information	Transport complementary material for pavement markings and delineation is provided within the following primary reference documents of the <a href="#">Delineation</a> guide. <ul style="list-style-type: none"> <li>• <a href="#">Section 3 Pavement markings</a></li> <li>• <a href="#">Section 4 Longitudinal markings</a></li> <li>• <a href="#">Section 5 Enhanced delineation devices</a></li> <li>• <a href="#">Section 6 Transverse markings</a></li> <li>• <a href="#">Section 8 Diagonal and chevron markings</a></li> <li>• <a href="#">Section 15 Raised pavement markers</a></li> <li>• <a href="#">Section 16 Guide posts and delineation of safety barriers</a></li> <li>• <a href="#">Section 17 Alignment signs and markers.</a></li> </ul>
4.2.5.2	Additional Information	Transport complementary material for use of colour on guideposts is provided in primary reference document <a href="#">Technical Guide - Marking informal heavy vehicle stopping areas with green reflectors in NSW.</a>
Figure 4.5	Departure (Transport process)	Transport determines advisory speed based on Table 17.2 Curve Warning Signs for use at Substandard Vertical Curves of <a href="#">Section 17 Alignment signs and markers</a> of the <a href="#">Delineation</a> guide.
4.4.6	Additional Information	Transport complementary material for advisory speed signs is provided in <a href="#">Section 17 Alignment signs and markers</a> of the <a href="#">Delineation</a> guide.
4.4.6.2	Additional Information	Transport uses an accelerometer tool to measure centripetal force. See <a href="#">Curve advisory speed assessment practice in NSW fact sheet</a> for further information.
4.4.7.11	Departure (Transport process)	Transport requires the installation of a minimum of four (4) chevron alignment markers on a substandard curve. Refer to <a href="#">Section 17 Alignment signs and markers</a> of the <a href="#">Delineation</a> guide.
	Additional Information	Transport permits the use of fluorescent yellow material for Chevron Alignment Markers in potential low visibility environmental conditions (e.g.

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		known areas of heavy fog, snow, etc.) only when approval is granted from Advanced Technical Services, Delegation level 4.
4.5	Additional Information	Transport complementary material for advisory speed signs is provided in <a href="#">Section 17 Alignment signs and markers</a> of the <a href="#">Delineation</a> guide.
4.7.2 and Figures 4.16 to 4.22	Departure	Transport permits the use of a zip merge when the posted speed limit is equal to or less than 80km/h and the speed differential of merging vehicles is less than 20%.
	Departure	Transport practice for lane change must be used when the posted speed limit is greater than 90km/h or the speed differential is greater than 20% at any posted speed.
4.8.2(e)	Additional Information	As an enhancement to the use of Overtaking Lane Ahead (G9-37 or G9-38) signs, Transport permits the use of additional Overtaking Lane Ahead signs at varying distance from commencement of the overtaking lane. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signs.
Table 4.8	Departure	Transport does not use No Stopping (R5-35) sign. Rather the No Stopping R5-400 series signs are the Transport approved signs. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signs.
4.9.4	Departure	Transport does not use No Stopping (R5-35) sign. Rather the No Stopping R5-400 series signs are the Transport approved signs. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signs.
Figure 4.26	Departure	Transport does not use No Stopping (R5-35) sign. Rather the No Stopping R5-400 series signs are the Transport approved signs. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signs.
4.11	Departure	As an optional enhancement to the use of Slippery (W5-20) sign, Transport practice permits the addition of a supplementary distance plate to define the length of slippery conditions. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signs
4.12	Additional Information	<p>Transport complementary material for variable message signs including variable speed limits on smart motorways is provided in the following primary reference documents:</p> <ul style="list-style-type: none"> <li>• <a href="#">RMS Supplement to Austroads report AP-R341-09 Freeway design parameters for fully managed operations – Section 9: Lane use management systems (LUMS) including variable speed limits (VSL) (2009)</a></li> <li>• <a href="#">RMS Supplement to Austroads report AP-R341-09 Freeway design parameters for fully managed operations – Section 11: Traveller information system (variable message signs) (2009)</a></li> <li>• <a href="#">TDT2013/06 Provision of Variable Message Signs on motorways for on-road presentation of real time travel time information.</a></li> </ul>
Table 4.11	Departure	Transport does not use Trucks Use Left Lane (R6-28) sign. Rather, Trucks Must Use Left Lane (R6-28-1) sign are to be used in NSW. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signs.

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use</i>
4.13.6	Departure	Transport does not use Trucks Use Left Lane (R6-28) sign. Rather, Trucks Must Use Left Lane (R6-28-1) sign are to be used in NSW. Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signs.
4.14	Additional Information	Transport practice for use of Warning Signs with flashing lights requires the approval of Network Operations, Delegation level 4, with the exception of the following signs: <ul style="list-style-type: none"> <li>• Traffic Lights (symbolic) Prepare To Stop (W3-204 and W3-204- 1) signs</li> <li>• Traffic Lights (symbolic) Operating When Lights Flashing (W3- 207 and W3-207-01) signs</li> <li>• Prepare to Stop (Cattle symbolic) when flashing (W5-240-1) sign.</li> </ul> Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signs.
	Additional Information	Transport complementary material for signs with flashing lights is provided within the <a href="#">RMS Specification No. TSI-SP-063 Functional Requirements For Conspicuity Enhancement Systems For Static Signs</a> .
Section 5		
	Additional Information	Transport complementary material for Pavement Markings is provided within the following primary reference documents: <ul style="list-style-type: none"> <li>• <a href="#">Delineation</a> guide</li> <li>• <a href="#">Section 6 Pavement marking</a> of <a href="#">Traffic Signal Design</a> guide</li> <li>• <a href="#">TTD 2020/04 Installation of Audio Tactile Linemarking</a></li> <li>• <a href="#">TTD 2017/002 Special purpose lanes for trams - signage and line marking</a>.</li> </ul>
5.3	Additional Information	Transport uses centrally-placed retroreflective raised pavement markers on all single Dividing (separation) lines.
	Additional Information	Transport practice is to place retroreflective raised pavement markers within the central gap of dividing (barrier) lines and with the Australian Standard offset.
	Additional Information	Transport complementary material for spacing between retroreflective raised pavement markers is provided within <a href="#">Section 15 Raised pavement markers</a> of the <a href="#">Delineation</a> guide.
5.3.3.1	Additional Information	Transport complementary material for Barrier Lines at Traffic Control Signals is provided within <a href="#">Section 6 Pavement marking</a> of <a href="#">Traffic Signal Design</a> guide.
5.3.3.2	Departure (Transport process)	Practice for no-overtaking zones is provided within <a href="#">Section 4 Longitudinal Lines</a> of the <a href="#">Delineation</a> guide. A summary of practice includes: Transport does not use single continuous barrier lines
Figure 5.1	Departure (Transport process)	Transport uses 150mm width for Edge Lines, Continuity Lines and Outline Markings as provided in <a href="#">Section 4 Longitudinal Lines</a> of <a href="#">Delineation</a> guide rather than the widths provided in AS1742.2.

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use</i>
5.3.7	Additional Information	<p>Transport complementary material for Turn Lines is provided within the following primary reference documents:</p> <ul style="list-style-type: none"> <li>• <a href="#">Section 4 Longitudinal Lines</a> of <a href="#">Delineation</a> guide</li> <li>• <a href="#">Section 6 Pavement marking</a> of <a href="#">Traffic Signal Design</a> guide.</li> </ul>
5.4	Departure (Transport process)	<p>Transport practice for Transverse Lines requires that a Give Way (TB) Line comprising of a broken line, being 300mm wide, 600mm long with 600mm spacing, must extend from the left hand edge of pavement to the dividing / centre line and a broken line, being 150mm wide, 600mm long with 600mm spacing, be extended from the dividing line to the right hand edge of pavement. Refer to <a href="#">Section 6 Pavement marking</a> of <a href="#">Traffic Signal Design</a> guide for further information.</p>
	Departure (Transport process)	<p>Transport practice for Transverse Lines requires that a Stop (TF) line 300mm wide must be extended from the left hand edge of pavement to the dividing line and a broken line (150mm wide, 600mm long, with 600mm spacing) shall be extended from the dividing line to right hand edge of pavement. Refer to <a href="#">Section 6 Pavement marking</a> of <a href="#">Traffic Signal Design</a> guide for further information.</p>
	Additional Information	<p>Transport complementary material for Stop Lines at Traffic Control Signals is provided in primary reference document to <a href="#">Section 6 Pavement marking</a> of <a href="#">Traffic Signal Design</a> guide.</p>
Figure 5.4	Departure (Transport process)	<p>Transport practice for Diagonal and Chevron markings shall be:</p> <ul style="list-style-type: none"> <li>• Figure 5.4(b) Angle for diagonal markings at: <ul style="list-style-type: none"> <li>○ 45° (Speeds less than 90km/h)</li> <li>○ 30° (Speeds 90km/h or higher)</li> </ul> </li> <li>• Splayed approach – “B” = 1.5m and “S” = 4.5m</li> <li>• Width “W” of 150mm</li> <li>• Spacing of retroreflective raised pavement markers shall be applied in accordance with <a href="#">Section 15 Raised Pavement Markers</a> of <a href="#">Delineation</a> guide.</li> </ul> <p>Refer to <a href="#">Section 8 Diagonal and chevron markings</a> of <a href="#">Delineation</a> guide for further information.</p>
Figure 5.5	Departure (Transport process)	<p>Transport practice for Diagonal and Chevron markings shall be:</p> <ul style="list-style-type: none"> <li>• Diagonal markings inside painted shoulders at: <ul style="list-style-type: none"> <li>○ 45° (Speeds less than 90km/h)</li> <li>○ 30° (Speeds 90km/h or higher)</li> </ul> </li> <li>• Shoulders – “B” = 1.5m and “S” = 7.5m</li> <li>• Width “W” of 150mm</li> <li>• Spacing of retroreflective raised pavement markers shall be applied in accordance with <a href="#">Section 15 Raised Pavement Markers</a> of <a href="#">Delineation</a> guide.</li> </ul> <p>Refer to <a href="#">Section 8 Diagonal and chevron markings</a> of <a href="#">Delineation</a> guide for further information.</p>

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Figure 5.6	Departure (Transport process)	<p>Transport practice for Diagonal and Chevron markings shall be:</p> <ul style="list-style-type: none"> <li>• Painted Islands and Median Strips at: <ul style="list-style-type: none"> <li>○ 45° (Speeds less than 90km/h)</li> <li>○ 30° (Speeds 90km/h or higher)</li> </ul> </li> <li>• Transport practice includes diagonal markings inside painted islands and median strips at: <ol style="list-style-type: none"> <li>a) Channelizing islands – “B” = 2.0m and “S” = 3m</li> <li>b) Median island – “B” = 1.5m and “S” = 4.5m</li> <li>c) Diagonal median marking – “B” = 1.5m and “S” 7.5m</li> </ol> </li> <li>• Width “W” of 150mm</li> <li>• Spacing of retroreflective raised pavement markers shall be applied in accordance with <a href="#">Section 15 Raised Pavement Markers</a> of <a href="#">Delineation</a> guide.</li> </ul> <p>Refer to <a href="#">Section 8 Diagonal and chevron markings</a> of <a href="#">Delineation</a> guide for further information.</p>
5.5.2.6	Additional Information	<p>Transport complementary material for Keep Clear markings is provided in <a href="#">Section 9 Messages on pavements</a> (including bus lane treatments) in <a href="#">Delineation</a> guide.</p>
5.6	Additional Information	<p>Transport uses centrally-placed retroreflective raised pavement markers on all single Dividing (separation) lines. Refer to <a href="#">Section 15 Raised Pavement Markers</a> of the <a href="#">Delineation</a> guide for further information.</p>
	Additional Information	<p>Transport practice is to place retroreflective raised pavement markers within the central gap of dividing (barrier) lines and with the Australian Standard offset.</p>
	Additional Information	<p>Transport complementary material for spacing between retroreflective raised pavement markers is provided within <a href="#">Section 15 Raised Pavement Markers</a> of the <a href="#">Delineation</a> guide.</p>
5.6.4	Additional Information	<p>Transport use of internally illuminated raised pavement markers requires approval from Intelligent Transport Systems, Delegation level 4.</p>
Table 5.3	Additional Information	<p>Transport use of internally illuminated raised pavement markers requires approval from Intelligent Transport Systems, Delegation level 4.</p>
	Departure (Transport process)	<p>Transport does not permit the use of green retroreflective raised pavement markers on the NSW road network including at Expressways / Freeways / Motorways exit ramps. Refer to <a href="#">Section 15 Raised Pavement Markers</a> of the <a href="#">Delineation</a> guide for further information about colours of retroreflective raised pavement markers.</p>
Figure 5.25	Additional Information	<p>Transport complementary material for retroreflective raised pavement markers on painted median strips is provided in <a href="#">Section 15 Raised Pavement Markers</a> of the <a href="#">Delineation</a> guide.</p>
5.7.2	Departure (Transport process)	<p>Transport does not permit the use of green retroreflective raised pavement markers on the NSW road network including at Expressways / Freeways / Motorways exit ramps. Refer to <a href="#">Section 15 Raised Pavement Markers</a> of the</p>

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use</i>
		<a href="#">Delineation</a> guide for further information about colours of retroreflective raised pavement markers.
Figure 5.28	Departure (Transport process)	Transport practice for spacing of chevrons at exit ramp nose is 5.0m. Refer to <a href="#">Section 8 Diagonal and chevron markings</a> of <a href="#">Delineation</a> guide for further information.
Figure 5.30	Departure (Transport process)	Transport practice for width of “Step out” marking is 1.5m. Refer to <a href="#">Section 8 Diagonal and chevron markings</a> of <a href="#">Delineation</a> guide for further information.
Appendix C		
	Additional Information	Transport complementary material for retroreflective and fluorescent signs is provided within the following primary reference documents: <ul style="list-style-type: none"> <li>• <a href="#">TD 2013/008 – Approved Retro-reflective Sheeting Materials for Road Signs</a></li> <li>• <a href="#">QA Specification 3400 – Manufacture and Delivery of Road Signs</a></li> <li>• <a href="#">Illuminated Traffic Signs - Specification No. TSI-SP-072</a></li> </ul>
Appendix D		
D2.3	Departure (Transport process)	Transport practice for Variable Message Signs requires a clearance height of: <ul style="list-style-type: none"> <li>• 6.1m from the road to the base of a Variable Message Sign where the sign overhangs a roadway.</li> <li>• 3.5m from a path to the base of the Variable Message Sign where the sign overhangs a pedestrian, bicycle path or shared path.</li> </ul>
D4.4	Additional Information	Transport complementary material for Signpost Selection is provided in primary reference document <a href="#">Installation and Maintenance of Signs</a> .
Appendix E		
	Additional Information	Transport practice for use of Warning Signs with flashing lights requires the approval of Network Operations, Delegation level 4 with the exception of the following signs: <ul style="list-style-type: none"> <li>• Traffic Lights (symbolic) Prepare To Stop (W3-204 and W3-204- 1) signs</li> <li>• Traffic Lights (symbolic) Operating When Lights Flashing (W3- 207 and W3-207-01) signs</li> <li>• Prepare to Stop (Cattle symbolic) when flashing (W5-240-1) sign</li> </ul> Refer to the <a href="#">Traffic Signs register</a> for all Transport approved signs.
	Additional Information	Transport complementary material for signs with flashing lights is provided within the <a href="#">RMS Specification No. TSI-SP-063 Functional Requirements For Conspicuity Enhancement Systems For Static Signs</a> .
Appendix F		
	Additional Information	In the process of determining advisory curve speeds, Transport also considers impacts to drivers of large passenger vehicles, motorcycle road users, medium vehicles and heavy vehicles. A practitioner’s knowledge,

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		skills and experience is therefore used to determine advisory curve speeds in order to mitigate crash risk for these road users. See <a href="#">Curve advisory speed assessment practice in NSW fact sheet</a> for further information.

#### Disclaimer:

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## Contact Us:

If you have any questions or would like more information on this document please contact Transport for NSW:



[roads-maritime.transport.nsw.gov.au](https://roads-maritime.transport.nsw.gov.au)



[techinfo@transport.nsw.gov.au](mailto:techinfo@transport.nsw.gov.au)



13 22 13



Customer feedback  
Locked Bag 928,  
North Sydney NSW 2059



If you need help understanding this information, please contact the Translating and Interpreting Service on 131 450 and ask them to call us on 1800 131 782

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