

Supplement to Australian Standard

21.093 – 25 MAY 2021
Supersedes: Version 3

Supplement to Australian Standard AS 1742.12:2017, *Manual of Uniform Traffic Control Devices – Part 12: Bus, transit, tram and truck lanes* Version 4

General

Standards Australia has released AS 1742.12:2017, *Manual of Uniform Traffic Control Devices – Part 12: Bus, transit, tram and truck lanes*.

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 1742.12:2017) 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 1742.12:2017, *Manual of Uniform Traffic Control Devices – Part 12: Bus, transit, tram and truck lanes*.

Transport implements the principles in the AS 1742.12:2017, with variations documented in this supplement under the following categories:

- Departures (Legislative): Transport practices that depart from AS 1742.12:2017, due to State-based legislative requirements.
- Departures (Transport process): Transport practices that depart from AS 1742.12:2017, 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 1742.12:2017.

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

About this release

Title:	Supplement to Australian Standard AS1742.12:2017, Manual of Uniform Traffic Control Devices – Part 12: Bus, transit, tram and truck lanes.
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Document history

Version	Date	Reason for amendment	Approved by
4.0	May 2021	<p>Update supplement into new template including name change from RMS to Transport for NSW.</p> <p>Add disclaimer to clarify document intended audience.</p> <p>Include reference to TTD 2020/002 Bus Lane Delineation, List of approved retro reflective sheeting materials, QA Specification R143 – Signposting and Tram Only pavement marking standard drawings.</p> <p>Delete reference to TTD2017/002 Special purpose lanes for trams – signage and line marking, TTD2013/008 – Approved Retro-reflective Sheeting Materials for Road Signs and Illuminated Traffic Signs - Specification No. TSI-SP-072.</p> <p>Update signage and delineation departures</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>Deletion of reference to S5.8.</p> <p>Include reference to TTD2017/002 Special purpose lanes for trams - signage and line marking.</p> <p>Outline signage departures.</p>	Kellee McGilvray, Director Traffic Engineering Services
2.3	Jul 2016	<p>Update supplement into new template.</p> <p>Update approvals to align with current organisational structure.</p>	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) Updated AS1742.12, S.5.7.	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 1742.12:2017, *Manual of Uniform Traffic Control Devices – Part 12: Bus, transit, tram and truck lanes*

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 12: Bus, transit, tram and truck lanes</i>
General	Departure (Transport process)	<p>Transport practice for traffic signs is provided in the Traffic Sign register. The Transport Traffic Sign register contains all approved signage that must be used within the Transport road infrastructure network. Where inconsistencies between signs identified in AS 1742.12 and the Traffic Sign register exist, the Transport Traffic Sign register prevails.</p> <p>All non-standard signs must be approved by Technical Services.</p>
	Additional Information	<p>Complementary material for bus, tram and truck lanes is provided in the following reference documents:</p> <ul style="list-style-type: none"> • Section 4 Longitudinal Markings and Section 9 Messages on Pavements (including bus lane treatments) in the Delineation guide; • TTD2020/002 Bus Lane Delineation; and • Traffic Signal Design guide.
Section 4	Additional Information	<p>Complementary terms and definitions are:</p> <p><i>T-way Lanes</i>: special purpose lane restricted for use by authorised T-way vehicles only. Practice for T-way Lanes is inferred from the NSW Road Rules, see Road Rule 157-1.</p> <p><i>Light Rail</i>: used to describe the tram vehicle, network and services.</p> <p><i>Tram</i>: used in the NSW Road Rules and related standards for traffic and safety signage associated with light rail, e.g. traffic signs and variable message signs.</p>
4.10	Departure (Legislative)	<p>Practice for Tram Only Lanes is provided in NSW Road Rules 155A and 158.</p> <p>A summary of practice is: Trams, tram recovery vehicles, public buses and special purpose vehicles are permitted to use Tram Only lanes (Tramways).</p>
Section 5	Additional Information	<p>Complementary material for retro-reflective and fluorescent products, and installation and location of signs is provided in:</p> <ul style="list-style-type: none"> • QA Specification 3400 – Manufacture and Delivery of Road Signs; • List of approved retro reflective sheeting materials; and • QA Specification R143 – Signposting.
Table 1	Departure (Legislative)	<p>In NSW, Transport prohibits the use of the following signs:</p> <ul style="list-style-type: none"> • Bus Lane (R7-1-1) sign. Rather, R7-1-1-Xn sign series are permitted for use. • Truck Lane (R7-1-3) sign. • Bus Only (R7-8) sign. Rather, R7-8-Xn sign series are permitted for use. <p>Refer to Traffic Sign register for all Transport approved signage.</p>
	Departure (Transport process)	<p>In NSW, Transport prohibits the use of the Merge Left (G9-73(L)) sign. Rather, G9-73-1n_I is permitted for use.</p> <p>Refer to Traffic Sign register for all Transport approved signage.</p>
5.2	Departure (Transport process)	<p>Practice for Bus Lane signage is provided in TTD2020/002 Bus Lane Delineation. A summary of practice is:</p> <ul style="list-style-type: none"> • In NSW, Transport prohibits the use of Bus Lane (R7-1-1) signs. Rather, R7-1-1-Xn sign series are permitted for use in accordance with the provisions of TTD2020/002 Bus Lane Delineation;

Reference Section	Category	Supplements to <i>Manual of Uniform Traffic Control Devices – Part 12: Bus, transit, tram and truck lanes</i>
		<ul style="list-style-type: none"> In NSW, Transport prohibits the use of Bus Only (R7-8) signs. Rather, R7-8-Xn sign series are permitted for use; and Additional supplementary plates for use in NSW with Bus Lane (R7-1-1-Xn) signs are detailed in TTD2020/002 Bus Lane Delineation. <p>Refer to Traffic Sign register for all Transport approved signs.</p>
Figure 1	Departure (Transport process)	In NSW, Transport prohibits the use of Transit Lane Information (unnumbered) sign.
5.4	Departure (Transport process)	In NSW, Transport prohibits the use of Truck Lanes. Truck Lane (R7-1-3) sign is not applicable for use on the NSW State Road network.
5.5	Departure (Transport process)	In NSW, Transport prohibits the use of Merge Left (G9- 73(L)) signs. Rather, G9-73-1n_I is permitted for use. Refer to Traffic Sign register for all Transport approved signage.
Figure 2	Additional Information	Complementary practice for combined signs and supplementary plates is provided in the Traffic Sign register . All non-standard signs must be approved by Technical Services.
5.7	Additional Information	Complementary practice for vehicle prohibition signage is: <ul style="list-style-type: none"> No Trucks (R6-10-2) sign must be used for all vehicles of 4.5 tonnes or more except buses. Supplementary plate (R9-231) must be added when a different maximum limit is needed. Refer to Traffic Sign register for all Transport approved signage. Transport practice for load limits/light traffic thoroughfares permits restricted vehicles to pass the sign if there is no alternate route to their destination. Transport uses Gross Load Limit (R6-4) sign when no exemptions are warranted (including for council garbage trucks). Refer to Traffic Sign register for all Transport approved signs.
Section 6	Additional Information	Complementary material for pavement markings including longitudinal markings, pavement messages and pavement colour is provided in Section 4 Longitudinal Markings and Section 9 Messages on Pavements (including bus lane treatments) of the Delineation guide. Complementary material for pavement markings, including longitudinal markings, pavement messages and pavement colour in Bus Lanes is provided in TTD2020/002 Bus Lane Delineation . Complementary material for pavement markings including longitudinal markings, pavement messages and pavement colour in Bus Only lanes is provided in Section 9 Messages on Pavements (including bus lane treatments) of the Delineation guide Complementary material for pavement markings and messages in Transit lanes is provided in Section 9 Messages on Pavements (including bus lane treatments) of the Delineation guide
	Departure (Transport process)	In NSW, Transport prohibits the use of Truck Lanes. Pavement markings and messages for the delineation of Truck Lanes are not applicable for use on the NSW State Road network.
6.1	Additional Information	Complementary practice for delineation of full time or part time Tram Lanes is: <ul style="list-style-type: none"> A continuous yellow line must be marked on the left side of a Tram Lane in the direction of tram travel, even where this would require the

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		<p>line to be marked against a kerb or other physical barrier. Refer to NSW Road Rule 155 for more information.</p> <ul style="list-style-type: none"> • A continuous yellow line must also be marked on the right side of a Tram Lane in the direction of tram travel where a lane that is not a tram lane is directly adjacent and to the right of the Tram Lane. <p>Complementary practice for delineation of Tram Only lanes is:</p> <ul style="list-style-type: none"> • To deter traffic from crossing a Tram Only lane, a physical structure should be used to delineate Tram Only lanes (Tramways) where reasonable risk exists that traffic will cross the Tram Only lane (e.g. where driveways are present and a break in the Tram Only lane has not been provided).
6.2.1	Additional Information	<p>Complementary practice for pavement messages in Tram Only lanes (Tramways) is: TRAM ONLY pavement message must be marked in Tram Only lanes in accordance with standard drawings:</p> <ul style="list-style-type: none"> • Tram Only curved alignment; • Tram Only signalised leg; and • Tram Only stop line. <p>These pavement markings must be marked at the start of Tram Only lanes, and on the approach and departure of an intersection.</p> <p>Refer to the Traffic Sign register for Tram Only pavement marking standard drawings.</p>
6.3	Additional Information	<p>Complementary material for pavement colour is provided in:</p> <ul style="list-style-type: none"> • TTD2020/002 Bus Lane Delineation; • Section 9 Messages on Pavements (including bus lane treatments) of the Delineation guide; and • Section 12 Pavement Markings for Bicycle Facilities of the Delineation guide.
Section 7	Departure (Transport process)	<p>In NSW, Transport prohibits the use of some signs identified in AS 1742.12. Practice is provided in the supplements to Section 5 (this document).</p>
	Additional Information	<p>Complementary practice for pavement markings including longitudinal markings, pavement messages and pavement colour is provided in the supplements to Section 6 (this document).</p>
7.2	Departure (Transport process)	<p>Practice for spacing of signs and pavement markings in Transit Lanes and Bus Only lanes is provided in Section 9 Messages on Pavements (including bus lane treatments) of the Delineation guide.</p>
Figure 5	Departure (Transport process)	<p>In NSW, Transport prohibits the use of Bus Lane (R7-1-1) signs. Rather, Bus Lane (R7-1-1-Xn) sign series is permitted for use.</p>
	Additional Information	<p>Complementary material for pavement markings, messages and colour in Bus Lanes is provided in TTD2020/002 Bus Lane Delineation. A summary of practice is:</p> <ul style="list-style-type: none"> • Continuous red and white lane lines must be used for full time Bus Lanes; • Broken, special purpose red and white lane lines must be used for part time Bus Lanes;

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		<ul style="list-style-type: none"> Oblique continuity lines may be used across the start of a full time Bus Lane; and Red pavement marking must appear as patches that envelop the Bus Lane pavement message. However, where known compliance issues exist, red pavement marking may be used for the entire length of a Bus Lane.
Figure 6	Departure (Transport process)	In NSW, Transport prohibits the use of Bus Lane (R7-1-1) signs. Rather, Bus Lane (R7-1-1-Xn) sign series is permitted for use.
	Additional Information	<p>Complementary material for pavement markings, messages and colour in Bus Lanes is provided in TTD2020/002 Bus Lane Delineation. A summary of practice is:</p> <ul style="list-style-type: none"> Continuous red and white lane lines are used for full time Bus Lanes; Broken, special purpose red and white lane lines are used for part time Bus Lanes; Red pavement marking must appear as patches that envelop the Bus Lane pavement message. However, where known compliance issues exist, red pavement marking may used for the entire length of a Bus Lane; and Bus Lane Vehicles Excepted (R9-239n) sign must accompany left turn pavement arrows whenever exception of all legal Bus Lane vehicles is required. Buses Excepted (R9-2) sign must only be used to except buses i.e. in a Bus Only lane.
Figure 7	Departure (Transport process)	In NSW, Transport prohibits the use of Bus Only (R7-8) signs. Rather, Bus Lane (R7-8-Xn) sign series are permitted for use.
	Additional Information	<p>Complementary material for pavement markings, messages and colour in Bus Only lanes is provided in Section 9 Messages on Pavements (including bus lane treatments) of the Delineation guide. A summary of practice is:</p> <ul style="list-style-type: none"> Special purpose lane lines must be used to delineate Bus Only lanes. Red pavement colouring must be used to delineate Bus Only lanes. Oblique continuity lines must not be used across the start of Bus Only lanes (Figure 7a), except on an approach to an intersection to permit traffic to turn left (Figure 7b).
	Additional Information	<p>Complementary material for the requirements for directional pavement arrows in Bus Only Lanes at 'B' signal locations is provided in Section 8.12 of the Traffic Signal Design guide. A summary of practice is:</p> <ul style="list-style-type: none"> In NSW, buses may legally turn in any direction when facing a white 'B' signal in a Bus Only lane. One (1) directional pavement arrow showing only the permitted movements must be marked in order to indicate permitted movements.
Figure 8	Departure (Transport process)	In NSW, Transport prohibits the use of Transit Lane Information (unnumbered) sign.
	Additional Information	Complementary material for pavement markings and messages in Transit Lanes is provided in Section 9 Messages on pavements (including bus lane treatments) of the Delineation guide.

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Figure 9	Departure (Transport process)	In NSW, Transport prohibits the use of the Merge Left (G9-73(L)) sign. Rather, G9-73-1n_I is permitted for use. Refer to Traffic Sign register for all Transport approved signage.
Figure 10	Additional Information	Complementary practice for pavement messages in Tram Only lanes (Tramways) is: TRAM ONLY pavement message must be marked in Tram Only lanes in accordance with standard drawings: <ul style="list-style-type: none"> • Tram Only curved alignment; • Tram Only signalised leg; and • Tram Only stop line. These pavement markings must be marked at the start of Tram Only lanes, and on the approach and departure of any intersections. Refer to the Traffic Sign register for Tram Only pavement marking standard drawings.
	Departure (Transport process)	In NSW, Transport prohibits the use of the Merge Left (G9-73(L)) sign. Rather, G9-73-1n_I is permitted for use. Refer to Traffic Sign register for all Transport approved signage.
Appendix B	Additional Information	Complementary material for the installation and location of signs is provided in the Installation and Maintenance of Signs .

Disclaimer:

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