

Manual of uniform traffic control devices

Part 3: Traffic control for works on roads



AS 1742.3:2019

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Part 3: Traffic control for works on roads

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Preface

This Standard was prepared by the Standards Australia Committee MS-012, Road Signs and Traffic Signals, to supersede AS 1742.3—2009. It was prepared with major contributions from a working group comprising committee members from road agencies, work safety authorities and road working organizations.

The objective of this Standard, together with the Austroads *Guide to Temporary Traffic Management* is to provide organizations and individuals carrying out such works with a set of uniform practices for the signing, delineation and use of devices for works on roads which will promote the safety of workers and the safe and efficient movement of road users at the work site.

This Standard is one in a series of 14 Standards which together form the *Manual of uniform traffic control devices*. The series comprises the following Standards:

AS 1742.1, Manual of uniform traffic control devices, Part 1: General introduction and index of signs

AS 1742.2, Manual of uniform traffic control devices, Part 2: Traffic control devices for general use

AS 1742.3, Manual of uniform traffic control devices, Part 3: Traffic control for works on roads (this Standard)

AS 1742.4, Manual of uniform traffic control devices, Part 4: Speed controls

AS 1742.5, Manual of uniform traffic control devices, Part 5: Street name and community facility name signs

AS 1742.6, Manual of uniform traffic control devices, Part 6: Tourist and service signs

AS 1742.7, Manual of uniform traffic control devices, Part 7: Railway crossings

AS 1742.9, Manual of uniform traffic control devices, Part 9: Bicycle facilities

AS 1742.10, Manual of uniform traffic control devices, Part 10: Pedestrian control and protection

AS 1742.11, Manual of uniform traffic control devices, Part 11: Parking controls

AS 1742.12, Manual of uniform traffic control devices, Part 12: Bus, transit, tram and truck lanes

AS 1742.13, Manual of uniform traffic control devices, Part 13: Local area traffic management

AS 1742.14, Manual of uniform traffic control devices, Part 14: Traffic signals

AS 1742.15, Manual of uniform traffic control devices, Part 15: Direction signs, information signs and route numbering

This edition of the Standard includes substantial variations to the previous (2009) edition. The more significant of these are as follows:

- (a) A complete restructure of the Standard to concentrate on the essential and regulatory traffic control requirements to safely and effectively carry out works on roads.
- (b) Removal of a large amount of the guideline information that appeared in the previous (2009) edition, in recognition that this information has now been enhanced and included in the Austroads *Guide to Temporary Traffic Management*.
- (c) Alteration of information on temporary speed limits, traffic controllers and traffic signals in recognition that the controls place mandatory requirements on road workers and road users, and the inclusion of information relating to vulnerable pedestrians and cyclists.
- (d) Changes to the former Section 3 (Description and use of signs and devices) which is in <u>Section</u> 4 (Function, description and use of standard signs and devices) of this edition, including the

addition of an alternative series of "multi-message" signs, which comprise a maximum of three logically related messages in a single display.

(e) Clarification of the terms "traffic management plan" and "traffic guidance scheme".

The relationship between Australian Standards and publications produced by Austroads should be noted. The former provide specifications and procedures that ensure that products and services are safe and reliable, and consistently perform the way they are intended. Austroads provides guidance documents that deal with the design, construction maintenance and operation of the road network. Austroads documents are also used by road authorities in New Zealand.

In cases of similar subject matter, this is dealt with across both sets of documents. Where this occurs, each document aims to provide information that is consistent, complimentary and supportive of the other.

The terms "normative" and "informative" are used in Standards to define the application of the appendices to which they apply. A "normative" appendix is an integral part of a Standard, whereas an "informative" appendix is only for information and guidance.

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Australian Standard®

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Part 3: Traffic control for works on roads

Section 1 Scope and general

1.1 Scope

This Standard specifies the principles relating to the devices for the control of traffic for works on roads. It specifies the traffic control measures and devices to be used to warn, instruct and guide road users in the safe negotiation of work sites on roads including unsealed roads and footpaths. The principles may also be appropriate for work on shared paths and bicycle paths. It is applicable to traffic guidance schemes for road and bridge construction and maintenance sites, works associated with other public utilities and services, or any other activities which cause interference or obstruction to the normal use of a road or path by any road user.

NOTE 1 Detailed specifications for the design and manufacture of the standard signs in this Standard are given in AS 1743. At the time of the publication of this Standard, AS 1743 does not yet cover multi-message signs.

NOTE 2 This Standard is intended for use in conjunction with the relevant Austroads guidelines, including the Austroads *Guide to Temporary Traffic Management* and various Commonwealth, state and territory requirements relating to safe work and works on roads.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

NOTE Documents for informative purposes are listed in the Bibliography.

AS 1428.1, Design for access and mobility Part 1: General requirements for access—New building work

AS 1742.2, Manual of uniform traffic control devices, Part 2: Traffic control devices for general use

AS 1742.4, Manual of uniform traffic control devices, Part 4: Speed controls

AS 1742.14, Manual of uniform traffic control devices, Part 14: Traffic signals

AS 1743, Road signs—Specifications

AS 1744, Standard alphabets for road signs

AS 1906.3, Retroreflective materials and devices for road traffic control purposes, Part 3: Raised pavement markers (retroreflective and non-retroreflective)

AS 2187.2, Explosives—Storage and use, Part 2: Use of explosives

AS 4852.1, Variable message signs, Part 1: Fixed signs

AS 4852.2, Variable message signs, Part 2: Portable signs

AS/NZS 1906.1, Retroreflective materials and devices for road traffic control purposes, Part 1: Retroreflective sheeting

AS/NZS 1906.2, Retroreflective materials and devices for road traffic control purposes, Part 2: Retroreflective devices (non-pavement application)

AS/NZS 3845.2, Road safety barrier systems, Part 2: Road safety devices

AS/NZS 4192, Illuminated flashing arrow signs