



Road signs—Specifications



This Australian Standard® was prepared by Committee MS-012, Road Signs and Traffic Signals. It was approved on behalf of the Council of Standards Australia on 18 December 2017.

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- Association of Consultants in Access Australia
 - ARRB Group—Australian Road Research Board
 - Australian Automobile Association
 - Australian Chamber of Commerce and Industry
 - Australian Industry Group
 - Australian Motorcycle Council
 - Austroads (Representative from VicRoads)
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 - Roads ACT—Transport Canberra and City Services Directorate, ACT Government
 - Roads and Maritime Services, NSW
 - State Roads—Department of State Growth, Tas.
 - VicRoads
-

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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard®

Road signs—Specifications

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PREFACE

This Standard was prepared by the Standards Australia Committee MS-012, Road Signs and Traffic Signals, to supersede AS 1743—2001 and to supersede (in part) AS 2342—1992, *Development, testing and implementation of information and safety symbols and symbolic signs*. This Standard is complementary to and should be read in conjunction with the relevant parts of the AS 1742, *Manual of uniform traffic control devices*, series of Standards.

This revision of the Standard incorporates new signs and alterations to or deletion of existing signs resulting from revision or new publication of the following Parts of AS 1742 which have been published since this Standard was last revised:

AS

- 1742.1 Part 1: General introduction and index of signs
- 1742.2 Part 2: Traffic control devices for general use
- 1742.3 Part 3: Traffic control for works on roads
- 1742.4 Part 4: Speed controls
- 1742.5 Part 5: Street name and community facility name signs
- 1742.6 Part 6: Tourist and services signs
- 1742.7 Part 7: Railway crossings
- 1742.9 Part 9: Bicycle facilities
- 1742.10 Part 10: Pedestrian control and protection
- 1742.11 Part 11: Parking controls
- 1742.12 Part 12: Bus, transit, tram and truck lanes
- 1742.13 Part 13: Local area traffic management
- 1742.14 Part 14: Traffic signals
- 1742.15 Part 15: Direction signs, information signs and route numbering

This revision now includes the principles and procedures for determining the need, and the selection, testing and design of graphic symbols and symbolic signs, which was contained within AS 2342—1992. AS 2342 will be withdrawn at the time of the publication of this revision.

This revision also includes the new fonts as detailed in AS 1744:2015, *Standard alphabets for road signs*.

Modern methods of sign production now employ computerized systems which no longer require the extensive tabulation of design information that was provided in the previous edition. The presentation of standard sign drawings has been simplified to better align with these methods.

The technical drawings contained in this Standard are provided in an accompanying product. The drawings files are available in dwg and pdf formats. They may be obtained on purchase of the Standard, in the following manner:

- (1) USB Flash drive containing a Zip file with the drawings files, for hard copy purchasers.
- (2) Zip file with the drawings files, for PDF purchasers downloaded from the SAI Global Infostore.

Delivery methods of the product containing the source drawings files may change over time.

The technical drawings materials in the accompanying product shall only be used, reproduced or modified by an authorised user in a way that meets the requirements of this Standard. They shall not be used for any other purposes.

Statements expressed in mandatory terms in notes to figures are deemed to be requirements of this Standard.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix 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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STANDARDS AUSTRALIA

Australian Standard Road signs—Specifications

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies graphics, fonts, layout and size requirements together with an abridged materials and manufacturing specification for the manufacture of the standard road signs provided for in the AS 1742 series.

This Standard also specifies principles and procedures for determining the need, and the selection, testing and design of graphic symbols and symbolic signs.

NOTE: Authorities responsible for the provision of signs are not encouraged to develop signs for their own use. However, there will be instances where there is no suitable standard sign. In such cases, the relevant state road authority should be contacted to determine whether such a sign is already in use. If a new sign is to be developed, it should conform to the design requirements specified in this Standard for the particular sign classification. If it is considered that the sign could also be required by other authorities, Standards Australia should be advised so that, during the course of its regular review of road signs, it can take all new developments into account with a view to possible inclusion in the relevant Standards. It is most important that the proliferation of signs with differing designs of legend, symbol or background, essentially for the same purpose, is minimized.

1.2 OBJECTIVE

The objective of this Standard is to provide users and providers of road signs with either standard designs or design rules for the shape and graphic content of signs together with requirements for and guidance on materials and manufacturing quality.

NOTE: Basic elements for the design, shape and colour coding of signs are specified in AS 1742.1.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1397	Continuous hot-dip metallic coated steel sheet and strip—Coatings of zinc and zinc alloyed with aluminium and magnesium
1562	Design and installation of sheet roof and wall cladding
1562.1	Part 1: Metal
1742	Manual of uniform traffic control devices
1742.1	Part 1: General introduction and index of signs
1742.6	Part 6: Tourist and services signs
1742.11	Part 11: Parking controls
1742.15	Part 15: Direction signs, information signs and route numbering
1744	Standard alphabets for road signs
2700	Colour standards for general purposes