

Australian Standard[®]

Manual of uniform traffic control devices

**Part 3: Traffic control for works on
roads**



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 9 December 2008.

This Standard was published on 28 January 2009.

The following are represented on Committee MS-012:

- Austroads
 - Australian Asphalt Pavement Association
 - Australian Chamber of Commerce and Industry
 - Australian Workers Union
 - Civil Contractors Federation
 - Department for Transport, Energy and Infrastructure, SA
 - Institute of Public Works Engineering Australia
 - Main Roads Department, Qld
 - Main Roads, WA
 - National Works Officers Association
 - Roadmarking Industry Association of Australia
 - Roads and Traffic Authority, NSW
 - Traffic Management Industry Association of Victoria
 - Victorian WorkCover Authority
-

This Standard was issued in draft form for comment as DR 07220.

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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Manual of uniform traffic control devices

Part 3: Traffic control for works on roads

Originated as part of AS CA14—1935.
Previous edition AS 1742.3—2002.
Fourth edition 2009.

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Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia
ISBN 0 7337 8998 6

PREFACE

This Standard was prepared by the Standards Australia Subcommittee MS-012-01, Traffic Control at Roadworks, which is a constituted subcommittee of Committee MS-012, Road Signs and Traffic Signals, to supersede AS 1742.3—2002, *Traffic control devices for works on roads*. It is one in a series of fourteen Standards which together form the *Manual of uniform traffic control devices*. The series comprises the following Standards:

AS

1742	Manual of uniform traffic control devices
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 (this Standard)
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 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 edition of the Standard includes a substantial number of additions and variations to the previous (2002) edition. The more significant of these are as follows:

- (a) Major revision of provisions for short-term low-impact works in open road areas and for works on unsealed roads.
- (b) New material on short-term low-impact works in built-up areas.
- (c) Revision of detail on mobile works.
- (d) Introduction of the concept of mobile speed limits with special reference to protection of workers on foot during mobile works.
- (e) Provision for lowering temporary speed limits at hazardous sites.
- (f) Expansion of material on maintaining a safe workplace including detail on hierarchy of control.
- (g) Enhanced detail on determining advance distances for advance warning signs.
- (h) Review of sign sizes in the T Series and their assessment for adequacy of legibility.
- (i) Assignment of specific values where the earlier edition referred to 'high' and 'low' speeds and traffic volumes.
- (j) Introduction of the following new signs:
 - (i) SIDE ROAD CLOSED.
 - (ii) Speed Limit AHEAD.
 - (iii) T Series Advisory Speed Signs.
 - (iv) 'Mobile phones' included in Blasting Area signs.
 - (v) FOOTPATH CLOSED.

- (k) Safety management of traffic and pedestrians on roadways temporarily converted from one-way to two-way traffic.

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
Manual of uniform traffic control devices**Part 3: Traffic control for works on roads**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard 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 together with footpaths, shared paths and bicycle paths adjacent to the roadway. 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 works which cause interference or obstruction to the normal use of a road by any road user. It also provides guidance for the planning, design, installation and operation of such traffic guidance schemes together with requirements for maintaining a safe workplace for workers on site.

NOTES:

- 1 Detailed specifications for the design and manufacture of the signs used are given in AS 1743.
- 2 This Standard is intended for use in conjunction with the various State and Commonwealth regulations relating to works on roads.

1.2 OBJECTIVE

The objective of this Standard is to provide organizations carrying out works on roads with a set of uniform practices for the signing and delineation of construction and maintenance works which will promote the safety of both workers and road users at the work site.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- | | |
|---------|---|
| 1158 | The lighting of urban roads and other public thoroughfares |
| 1158.4 | Part 4: Supplementary lighting at pedestrian crossings |
| 1348 | Glossary of terms—Road and traffic engineering |
| 1742 | Manual of uniform traffic control devices |
| 1742.2 | Part 2: Traffic control devices for general use |
| 1742.4 | Part 4: Speed controls |
| 1742.14 | Part 14: Traffic signals |
| 1743 | Road signs—Specifications |
| 1906 | Retroreflective materials and devices for road traffic control purposes |
| 1906.3 | Part 3: Raised pavement markers (retroreflective and non-retroreflective) |
| 2187 | Explosives—Storage and use |
| 2187.2 | Part 2: Use of explosives |
| 4191 | Portable traffic signal systems |