

AS 1742.7—2007
(Incorporating Amendment No. 1)

AS 1742.7—2007

Australian Standard[®]

Manual of uniform traffic control devices
Part 7: Railway crossings



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 19 January 2007. This Standard was published on 20 February 2007.

The following are represented on Committee MS-012:

- AUSTROADS
 - Association of Consultants in Access Australia
 - Australasian Railway Association
 - Australian Automobile Association
 - Australian Chamber of Commerce and Industry
 - Department of Infrastructure (Victoria)
 - Department of Infrastructure, Energy and Resources (Tasmania)
 - Independent Transport Safety & Reliability Regulator (NSW)
 - Main Roads Department, Queensland
 - Main Roads Western Australia
 - Roads and Traffic Authority of NSW
 - Transport SA
-

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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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Manual of uniform traffic control devices
Part 7: Railway crossings

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PREFACE

This Standard was prepared by the Standards Australia Sub-Committee MS-012-02, Railway Crossings for Committee MS-012, Road Signs and Traffic Signals to supersede AS 1742.7—1993. 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 devices 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 (this Standard) |
| 1742.8 | Part 8: Freeways |
| 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 |

This Standard incorporates Amendment No. 1 (October 2007). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

This revised Standard results from a recent major review by both road and railway authorities of the safety requirements at railway crossings in terms of signs, markings and delineation.

The principal changes and additions to the previous edition are summarized as follows:

- (a) The Standard now promotes use of the red background position sign, R6-25, for new or replacement signs in preference to the open 'crossbuck' sign, R6-24.
- (b) Provision is made for active advance warning of the activation of railway crossing signals under certain conditions.
- (c) More detail is given for sight distance requirements at passive control crossings for stop and give-way sign control.
- (d) The need to avoid unsafe queuing of traffic on railway crossings upstream of traffic signals is recognized and the use of corrective measures including signs and box markings are specified.
- (e) Standards for pedestrian crossing treatments at railway crossings have been substantially upgraded and now include provision for people with disabilities.

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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