

Australian Standard[®]

Manual of uniform traffic control devices

**Part 10: Pedestrian control and
protection**



This Australian Standard® was prepared by Committee MS-012, Roads Signs and Traffic Signals. It was approved on behalf of the Council of Standards Australia on 7 October 2009. This Standard was published on 22 December 2009.

The following are represented on Committee MS-012:

- ARRB Transport Research
 - Austroads (representative from Department of Transport, Energy and Infrastructure, SA)
 - Association of Consultants in Access Australia
 - Australian Automobile Association
 - Australian Chamber of Commerce and Industry
 - Australian Historic Motoring Federation
 - Australian Industry Group
 - Australian Motorcycle Council
 - Department of Infrastructure, Planning and Environment (NT)
 - Department of Infrastructure, Transport, Regional Development and Local Government
 - Institute of Public Works Engineering Australia
 - Main Roads Department, Queensland
 - Main Roads Western Australia
 - Roadmarking Industry Association of Australia
 - Roads ACT
-

This Standard was issued in draft form for comment as DR 08182.

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.

Keeping Standards up-to-date

Australian Standards® are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting www.standards.org.au

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

Australian Standard[®]

Manual of uniform traffic control devices

**Part 10: Pedestrian control and
protection**

Originated as part of AS CA14—1935.
Previous edition AS 1742.10—1990.
Second edition 2009.

COPYRIGHT

© Standards Australia

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia
ISBN 0 7337 9296 0

PREFACE

This Standard was prepared by the Standards Australia Committee MS-012, Road Signs and Traffic Signals to supersede AS 1742.10—1990, *Manual of uniform traffic control devices, Part 10: Pedestrian control and protection*. It is one in a series of fourteen Standards as follows:

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
1742.9	Part 9: Bicycle facilities
1742.10	Part 10: Pedestrian control and protection (this Standard)
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

Principal changes to the 1990 edition of this Standard are summarized as follows:

- (a) Traffic and pedestrian volume warrants have now been omitted from this Standard. These are considered to be policy matters to be determined by each road authority.
- (b) Changes have been made to several other conditions for use of various crossing types, e.g. the pedestrian crossing (zebra) is to cross a maximum of one lane in each traffic direction on any roadway.
- (c) This Standard now specifies two types of children's crossing, one with flashing lights which may include a speed limit, and one with flags only.
- (d) School zones and shared zones have now been transferred to AS 1742.4.
- (e) The raised pedestrian crossing (zebra), also known as a 'wombat crossing', has been included in this Standard.
- (f) Detail on grade separation (subways and bridges) has been reduced.
- (g) Recommendations for the use of pedestrian fencing have been added.
- (h) Requirements for lighting at pedestrian crossings are now to be entirely in accordance with AS/NZS 1158.4.

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.

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

CONTENTS

	<i>Page</i>
1 SCOPE.....	4
2 REFERENCED DOCUMENTS.....	4
3 DEFINITIONS.....	5
4 CLASSIFICATION AND TYPE OF PEDESTRIAN FACILITIES	6
5 GENERAL REQUIREMENTS.....	7
6 PEDESTRIAN CROSSING (ZEBRA).....	8
7 CHILDREN’S CROSSING.....	13
8 PEDESTRIAN ACTUATED TRAFFIC SIGNALS (MID-BLOCK)	15
9 PHYSICAL PEDESTRIAN FACILITIES	22
10 PEDESTRIAN MALLS	27
11 WARNING SIGNS.....	28
12 PEDESTRIAN DIRECTION SIGNS (G5-7, G5-8)	31
13 LIGHTING	32
 APPENDICES	
A ILLUMINATION AND REFLECTORIZATION OF SIGNS.....	33
B INSTALLATION AND LOCATION OF SIGNS	34
C MODEL INSTRUCTIONS FOR ADULT SUPERVISORS AT CROSSINGS.....	37
D MODEL INSTRUCTIONS FOR CHILD MONITORS AT CROSSINGS.....	40
E SIGNAL TIMING AT PEDESTRIAN ACTUATED TRAFFIC SIGNALS (MID-BLOCK).....	43

STANDARDS AUSTRALIA

Australian Standard
Manual of uniform traffic control devices

Part 10: Pedestrian control and protection

1 SCOPE

This Standard specifies requirements for traffic control devices for the control and protection of pedestrians at facilities on roads including pedestrian and children's crossings, mid-block pedestrian actuated traffic signals, pedestrian refuges and malls.

NOTE: The following are not covered by this Standard:

- (a) Pedestrian crossings at signalized intersections, see AS 1742.14.
- (b) Pedestrian facilities at railway crossings, see AS 1742.7.
- (c) Temporary pedestrian facilities at roadworks, see AS 1742.3.
- (d) Shared pedestrian/bicycle paths, see AS 1742.9.
- (e) Shared zones (pedestrian/vehicle), see AS 1742.4.
- (f) School zones, see AS 1742.4.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard.

AS

1428	Design for access and mobility
1428.1	Part 1: General requirements for access—New building work
1742	Manual of uniform traffic control devices
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
1742.7	Part 7: Railway crossings
1742.9	Part 9: Bicycle facilities
1742.13	Part 13: Local area traffic management
1742.14	Part 14: Traffic signals
1743	Road signs—Specification
2353	Pedestrian push-button assemblies

AS/NZS

1158	Lighting of roads and public spaces
1158.4	Part 4: Lighting of pedestrian crossings
1428	Design for access and mobility
1428.4	Part 4: Tactile indicators
1906	Retroreflective materials and devices for road traffic control purposes
1906.1	Part 1: Retroreflective sheeting
4602	High visibility safety garments