

Australian Standard™

Manual of uniform traffic control devices

Part 9: Bicycle facilities

This Australian Standard was prepared by Committee MS/12, Road Signs and Traffic Signals. It was approved on behalf of the Council of Standards Australia on 12 May 2000 and published on 27 November 2000.

The following interests are represented on Committee MS/12:

ACT Department of Urban Services
ARRB Transport Research
AUSTROADS
Australasian Railway Association
Australian Automobile Association
Australian Chamber of Commerce and Industry
Commonwealth Department of Transport and Regional Services
Department of Infrastructure, Energy and Resources (Tasmania)
Department of Transport and Works Northern Territory
Institute of Public Works Engineering Australia
Main Roads Department, Queensland
Main Roads Western Australia
Roadmarking Industry Association of Australia

Keeping Standards up-to-date

Standards are living documents which 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 Standards may also be withdrawn.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 which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Australia web site at www.standards.com.au and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Australian Standard*, has a full listing of revisions and amendments published each month.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.com.au, or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

Australian Standard™

Manual of uniform traffic control devices

Part 9: Bicycle facilities

Originated as AS CA14—1935.
Previous edition AS 1742.9—1986.
Second edition 2000.

COPYRIGHT

© Standards Australia International

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 International Ltd
GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 3404 9

PREFACE

This Standard was prepared by the Standards Australia Committee MS/12, Road Signs and Traffic Signals to supersede AS 1742.9—1986. 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: Service and tourist signs for motorists
1742.7	Part 7: Railway crossings
1742.8	Part 8: Freeways
1742.9	Part 9: Bicycle facilities (this Standard)
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 edition of the Standard has been expanded considerably from the 1986 edition. It reflects a community demand for improved bicycle facilities in the intervening years and now covers matters not previously covered as follows:

- (a) A variety of treatments for bicycle lanes on roads including joint-use functions with other vehicle types and full- or part-time operation.
- (b) Treatment of bicycle lanes at signalized and unsignalized intersections.
- (c) A variety of treatments for off-road bicycle paths, both exclusive use and shared with pedestrians.
- (d) Mid-block road crossings of bicycle paths.
- (e) Provisions for bicycles on freeways.

In addition to the above, requirements for navigational aids (direction signs and the like) have now been expressed as a series of design principles rather than prescriptive forms of signposting.

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.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE.....	4
1.2 OBJECTIVE.....	4
1.3 REFERENCED DOCUMENTS.....	4
1.4 DEFINITIONS.....	5
1.5 SIGNS—GENERAL REQUIREMENTS.....	5
1.6 COLOUR.....	5
SECTION 2 BICYCLE PROVISIONS ON ARTERIAL AND LOCAL ROADS	
2.1 GENERAL.....	6
2.2 SIGNS.....	6
2.3 PAVEMENT MARKINGS.....	11
2.4 BICYCLE PROVISIONS MID-BLOCK.....	13
2.5 BICYCLE LANE TREATMENTS AT INTERSECTIONS.....	16
SECTION 3 BICYCLE PATH AND FOOTPATH PROVISIONS	
3.1 GENERAL.....	21
3.2 SIGNS.....	21
3.3 PAVEMENT MARKINGS.....	24
3.4 FOOTPATHS AND SHARED PATHS.....	26
3.5 SEPARATED PATHS.....	27
3.6 EXCLUSIVE BICYCLE PATHS.....	30
3.7 ROAD CROSSINGS MID-BLOCK.....	30
3.8 ROAD CROSSINGS AT INTERSECTIONS.....	36
SECTION 4 BICYCLE PROVISIONS ON FREEWAYS	
4.1 GENERAL.....	39
4.2 SIGNS.....	39
4.3 APPLICATION OF SIGNS TO FREEWAY INTERCHANGES.....	41
SECTION 5 NAVIGATIONAL AIDS FOR CYCLISTS	
5.1 GENERAL.....	45
5.2 BICYCLE SYMBOL.....	45
5.3 COLOUR AND REFLECTORIZATION.....	46
5.4 DIRECTION SIGNS.....	46
5.5 ROUTE MARKERS.....	46
5.6 LOCATION OF SIGNS.....	47
APPENDICES	
A ILLUMINATION AND REFLECTORIZATION OF SIGNS.....	48
B INSTALLATION AND LOCATION OF SIGNS.....	49
C SELECTION OF APPROPRIATE SIGN SIZE.....	52

STANDARDS AUSTRALIA

Australian Standard

Manual of uniform traffic control devices

Part 9: Bicycle facilities

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for the signs, pavement markings and other devices to be applied to bicycle facilities both on the road and on paths separate from the road, either for the exclusive use of bicycles or joint use with other users. The Standard includes recommendations for guide signs and other navigational information for cyclists.

NOTE: This Standard does not include signs indicating parking facilities for bicycles. Reference should be made to AS 2890.3.

1.2 OBJECTIVE

The objective of this Standard is to provide road and local authorities with a uniform set of devices to control and promote the safe use of bicycle facilities on roads and on paths separate from the road.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1742	Manual of uniform traffic control devices
1742.2	Part 2: Traffic control devices for general use
1742.3	Part 3: Traffic control devices for works on roads
1742.8	Part 8: Freeways
1742.10	Part 10: Pedestrian control and protection
1742.11	Part 11: Parking controls
1743	Road signs—Specifications
1744	Forms of letters and numerals for road signs (known as Standard alphabets for road signs)
2700	Colour Standards for general purposes
2890	Parking facilities
2890.3	Part 3: Bicycle parking facilities

AS/NZS

1906	Retroreflective materials and devices for road traffic control purposes
1906.1	Part 1: Retroreflective materials
HB 69	Guide to traffic engineering practice
HB 69.14	Part 14: Bicycles