

Australian Standard[®]

Manual of uniform traffic control devices

Part 15: Direction signs, information signs and route numbering

STANDARDS
Australia



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 8 December 2006.

This Standard was published on 20 February 2007.

The following are represented on Committee MS-012:

- ACT Department of Urban Services
 - ARRB Transport Research
 - AUSTROADS
 - Association of Consultants in Access Australia
 - Australasian Railway Association
 - Australian Automobile Association
 - Australian Chamber of Commerce and Industry
 - Australian Historic Motoring Federation
 - Australian Industry Group
 - Australian Motorcycle Council
 - Commonwealth Department of Transport and Regional Services
 - Department of Infrastructure, Planning and Environment, NT
 - Institute of Public Works Engineering Australia
 - Main Roads Department, Queensland
 - Main Roads Western Australia
 - Roadmarking Industry Association of Australia
-

This Standard was issued in draft form for comment as DR 05130.

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 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Standards may also be withdrawn.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 15: Direction signs, information signs and route numbering

Originally as part of AS CA14—1935 and part of AS 1742.1—1975.
Previous edition part of AS 1742.2—1994 and part of AS 1742.8—1990.
Part of AS 1742.2—1994 and part of AS 1742.8—1990 revised,
amalgamated and redesignated as AS 1742.15—2007.

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 7981 6

PREFACE

This Standard was prepared by the Standards Australia Committee MS-012, Road Signs and Traffic Signals to supersede part of AS 1742.2—1994, *Manual of uniform traffic control devices, Part 2: Traffic control devices for general use* and part of AS 1742.8—1990, *Manual of uniform traffic control devices, Part 8: Freeways*. The remaining material in AS 1742.2—1994 and AS 1742.8—1990 not covered by this Standard is to be revised and republished as AS 1742.2.

This Standard is one of a series of fifteen 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 service signs
1742.7	Part 7: Railway crossings
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
1742.15	Part 15: Direction signs, information signs and route numbering (this Standard)

The principal variation from the subject material previously included in the 1994 Edition of AS 1742.2 is the recommended phasing out of shield based route numbering systems (other than in certain specialist areas such as tourist and overdimensional load route numbering) and their replacement with the alphanumeric system of A, B, C and M routes. Other significant changes include the following:

- More detailed guidance material on signboard design and layout.
- A new categorization of Intersection Direction signs and Fingerboards.
- Inclusion of direction signs for expressway type roads no longer to be covered by AS 1742.8.

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

	Page
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	4
1.2 REFERENCED DOCUMENTS	4
1.3 DEFINITIONS	4
1.4 RESPONSIBILITY AND AUTHORITY FOR INSTALLATION	5
1.5 PRINCIPLES OF GOOD SIGN PRACTICE	5
1.6 SIGN DESIGN GUIDELINES	6
1.7 INSTALLATION AND LOCATION	13
1.8 MATERIALS AND MANUFACTURING SPECIFICATIONS	13
SECTION 2 DIRECTION SIGNS AT AND NEAR INTERSECTIONS	
2.1 GENERAL	16
2.2 ADVANCE DIRECTION SIGNS	16
2.3 DRIVING INSTRUCTION DIRECTION SIGNS	22
2.4 INTERSECTION DIRECTION SIGNS AND FINGERBOARDS	26
2.5 REASSURANCE DIRECTION SIGNS	31
2.6 TYPICAL ARRANGEMENT DIAGRAMS	32
SECTION 3 EXPRESSWAY DIRECTION SIGNS	
3.1 GENERAL	40
3.2 PROVISION OF SIGNS	40
3.3 LEGEND SELECTION	40
3.4 ADVANCE EXIT AND EXIT DIRECTION SIGNS	42
3.5 SUPPLEMENTARY ADVANCE SIGNS	47
3.6 REASSURANCE AND INTERCHANGE SEQUENCE SIGNS	48
3.7 DIRECTION SIGNS AT RAMP TERMINALS	49
3.8 SIGNS ON APPROACH TO AND ALONG TOLLED EXPRESSWAYS	50
3.9 TYPICAL DIRECTION SIGN TREATMENT	51
SECTION 4 ROUTE NUMBERING	
4.1 GENERAL PRINCIPLES	57
4.2 TYPES OF ROUTE NUMBERING	57
4.3 THE ALPHANUMERIC SYSTEM—DESCRIPTION AND USE	59
4.4 DISPLAY OF NUMBERS	60
SECTION 5 GENERAL INFORMATION SIGNS	
5.1 GEOGRAPHICAL FEATURE SIGNS (G6)	66
5.2 KILOMETRE POSTS	67
5.3 NON-STANDARD INFORMATION SIGNS	68
APPENDICES	
A DETERMINATION OF LETTER SIZES FOR SIGNS	70
B GUIDELINES FOR THE LAYOUT OF LEGEND ELEMENTS ON DIRECTION SIGNS	71
C ILLUMINATION AND REFLECTORIZATION OF SIGNS	74
D INSTALLATION AND LOCATION OF SIGNS	75
INDEX	81

STANDARDS AUSTRALIA

Australian Standard
Manual of uniform traffic control devices

Part 15: Direction signs, information signs and route numbering

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements and gives recommendations for the design and use of direction signs and related navigational aids including route numbering for all roads including expressway type roads. It also covers general information signs but not street name and community facility name signs or tourist or services signs.

NOTES:

- 1 Street name and community facility name signs are covered in AS 1742.5.
- 2 Tourist and services signs are covered in AS 1742.6.
- 3 Direction signs for bicycle facilities are covered in AS 1742.9.

1.2 REFERENCED DOCUMENTS

AS

1348	Roads and traffic engineering—Glossary of terms
1742	Manual of uniform traffic control devices
1742.2	Part 2: Traffic control devices for general use
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
1742.9	Part 9: Bicycle facilities
1742.14	Part 14: Traffic signals
1743	Road signs—Specifications
1744	Forms of letters and numerals for road signs
2342	Development, testing and implementation of information and safety symbols and symbolic signs

AS/NZS

1906	Retroreflective materials and devices for road traffic control purposes
1906.1	Part 1: Retroreflective materials

Austroads

Rural Road Design: *A Guide to the Design of Rural Roads: Austroads 2003*

1.3 DEFINITIONS

For the purposes of this Standard the definitions in AS 1348 and the following apply.

1.3.1 Expressway type roads

A divided highway for through traffic with full or partial control of access and generally with grade separation at intersections. The term includes expressways, freeways, tollways and motorways (as defined in AS 1348).