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VICTORIA

1. Introduction

This document aims to assist practitioners in finding standards and guidelines relating to traffic management where a practitioner may be unsure where to start.

2. How to Use this Guide

This document lists general topics relating to traffic management, (e.g. Traffic Signals, Pavement Markings, Bicycle Facilities, Signs, etc.) and provides references to where particular aspects of these topics can be located in the Austroads Guide to Traffic Management (AGTM), Australian Standards relating to traffic management (AS), and Additional Network Standards and Guidelines (ANSG) from VicRoads. Particular aspects of traffic practice are given under the general topic headings.

All VicRoads Supplements shall be read in conjunction with the relevant parent document.

A. SIGNS	
Topic	Relevant Clause or Section
A1. Direction Signs	
GENERAL	
Presentation of information on direction signs	VSupp to AS 1742.15 Clauses 1.6.1 and 1.6.2
Letter series to use on signs	VSupp to AS 1742.15 Clause 1.6.8
Direction sign sizes	VSupp to AS 1742.15 Clause 1.6.8
Driving instruction messages	VSupp to AS 1742.15 Clause 1.6.3
Distances on direction signs	VSupp to AS 1742.15 Clause 1.6.4
Colouring and reflectivity	VSupp to AS 1742.15 Clause 1.6.10
Non-standard direction signs	AS 1742.15 Clause 1.6.11 + VSupp
Planning direction sign signing schemes	AGTM 10 Section 3.5
NON-FREEWAY ROADS	,
(inc. ARTERIAL ROADS)	
Required signs at an intersection	VSupp to AS 1742.15 Clause 2.1
Typical arterial road direction sign treatments	VSupp to AS 1742.15 Clause 2.6
Destinations to use on non-freeway signs	VSupp to AS 1742.15 Clauses 1.6, 2.2.3
	VSupp to AS 1742.15 Attachment A
Advance direction sign details	AS 1742.15 Clause 2.1 + VSupp
Intersection direction signs details	AS 1742.15 Clause 2.4.2 + VSupp
Reassurance direction signs details	AS 1742.15 Clause 2.5 + VSupp
Destinations to use on reassurance signs	VSupp to AS 1742.15 Clause 2.5.2
	VSupp to AS 1742.15 Attachment A
Reassurance direction sign placement	VSupp to AS 1742.15 Clause 2.5.3
Lane designation direction signs	AS 1742.15 Clauses 2.3, 2.3.1, 2.3.2 + VSupp
Road name signs	VSupp to AS 1742.15 Clause 2.4.3
Use of road names on non-freeway signs	VSupp to AS 1742.15 Clause 1.6.5
FREEWAYS	
Required signs at a freeway interchange	VSupp to AS 1742.15 Clause 2.1
	VSupp to AS 1742.15 Clause 3.2
Use of road names on freeway signs	VSupp to AS 1742.15 Clause 3.3.2
Destinations and road names on freeway	VSupp to AS 1742.15 Clause 3.3.2
signs	
Freeway exit numbering	VSupp to AS 1742.15 Clause 3.3.4
Tollway / toll road signs	VSupp to AS 1742.15 Clause 3.8
Freeway advance exit sign details	VSupp to AS 1742.15 Clauses 3.4, 3.4.1, 3.4.2
Freeway exit direction sign details	VSupp to AS 1742.15 Clauses 3.4, 3.4.3
Typical freeway direction sign treatments	VSupp to AS 1742.15 Clause 3.9
ROUTE NUMBERING	T
Statewide Route Numbering Scheme (MABC)	VSupp to AS 1742.15 Clause 4.2.1
Metropolitan Route Numbering System	VSupp to AS 1742.15 Clause 4.2
Free standing route number signs	VSupp to AS 1742.15 Clause 4.4.3
Information signs	AS 1742.15 Section 5
(bridge, stream, cross road, town name signs)	VSupp to AS 1742.15 Clause 5.1.5
Kilometre plates	VSupp to AS 1742.15 Clauses 5.2.2, 5.2.3
Administrative kilometre posts	VSupp to AS 1742.15 Clause 5.2.1
Installation and location of signs	AS 1742.15 Appendix D
A2. Regulatory Signs	V0 to A0.4740.0 Olour
Responsibility and authority for installation on	VSupp to AS 1742.2 Clause 1.6
public roads	Traffic Engineering Manual Volume 3 2.2
Stop Signs Requirements for installation of STOP signs	AS 1742.2 Clause 2.5
Requirements for installation of STOP signs	AS 1742.2 Clause 2.5.4
Give Way signs	AS 1742.2 Clause 2.5
Roundabout Control signs	AS 1742.2 Clause 2.6
One Way signs	AS 1742 2 Clause 2 9 2 1 VSupp
One Way signs	AS 1742.2 Clause 2.8.2 + VSupp AS 1742.2 Clause 4.13.3
Keep Left / Keep Right signs	AS 1742.2 Clause 4.13.3 AS 1742.2 Clause 2.8.3 + VSupp
Neeh Feit / Neeh Viiliit Siiliis	70 1742.2 Clause 2.0.3 + Voupp

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No Left Turn / No Right Turn signs	AS 1742.2 Clause 2.8.5 + VSupp
No Entry Signs	AS 1742.2 Clause 2.8.4, 3.4.2
Hook Turn Signs	AS 1742.14 Clause 6.1.2 (d) + VSupp
No Truck Signs	AS 1742.12 Clause 5.7 + VSupp
Pedestrians prohibited	AS 1742.2 Clause 2.8.9
Exception and Supplementary plates	AS 1742.2 Clause 2.8.10 + VSupp
Electronic signs (including VMS)	AGTM 10 Section 5
Signs on freeways	AS 1742.2 Section 3
Wrong Way Go Back signs	AS 1742.2 Clause 3.4.2
Typical signs at freeway interchanges	AS 1742.2 Clause 3.8 + VSupp
Typical signs at intersections	AS 1742.2 Clause 2.12 + VSupp
Bridge related signs	AS 1742.2 Clause 4.6.6.1 + VSupp
	AS 1742.2 Clause 4.6.6.2 + VSupp
Median turning lane	AS 1742.2 Clause 4.13.4 + VSupp
Keep Left Unless Overtaking signs	AS 1742.2 Clause 4.13.5 + VSupp
Installation and location of signs	AS 1742.2 Appendix D
A3. Warning Signs	
Intersection Warning Signs	AS 1742.2 Clause 2.9
Cross Road sign	AS 1742.2 Clause 2.9.2.2 + VSupp
Side Road Intersection sign	AS 1742.2 Clause 2.9.2.2 + VSupp
Staggered Side Road Intersection sign	AS 1742.2 Clause 2.9.2.2 + VSupp
T intersection sign	AS 1742.2 Clause 2.9.2.3 + VSupp
Roundabout	AS 1742.2 Clause 2.6
Curve Warning signs	AS 1742.2 Clause 4.5.1
Road Hump signs	AS 1742.2 Clause 4.5.4.3
Railway Level Crossing signs	AS 1742.7 Clause 2.2
Bicycle Warning signs	AS 1742.9 Clause 2.2, 3.2
Animal Warning signs	AS 1742.2 Clause 4.11.2.7 + VSupp
Substandard horizontal curve signs	AS 1742.2 Clause 4.4, 4.4.7 + VSupp
Substandard vertical curve signs	AS 1742.2 Clause 4.5, 4.5.4 + VSupp
Bridge and road narrows related signs	AS 1742.2 Clause 4.6.6.3 + VSupp
Physical road hazards	AS 1742.2 Clause 4.11.2
(e.g. gravel road, slippery)	7.6 17 12.2 0.0000 11112
Fallen rocks sign	VSupp to AS 1742.2 Clause 4.11.2.18
Temporary warning signs	AS 1742.2 Clause 4.11.3
Concealed entrance signs	VSupp to AS 1742.2 Clause 4.11.2
Flashing lights on warning signs	AS 1742.2 Appendix E
Tricoming lights on warming signs	VSupp to AS 1742.2 Clause 4.14
A4. Information Signs	Toupe to the Trible oldes in t
Project Information signs	VSupp to AS 1742.15 Additional Information
Roadside notice signs	VSupp to AS 1742.15 Additional Information
Signs to VicRoads depots, project and	VSupp to AS 1742.15 Additional Information
regional offices	1 Supplier to 17 12.10 / taditional information
Safety camera related signs	VSupp to AS 1742.15 Additional Information
Municipal Boundary and Welcome to	VSupp to AS 1742.15 Additional Information
Township signs	Toup to no 17 12.10 / taditional information
Signs for or requested by other organisations -	VSupp to AS 1742.15 Additional Information
requirements	Todapp to No 17-12.10 Additional Information
A5. Hazard markers and sightboards	
Types of hazard markers	AS 1742.2 Clause 4.6.7.2 + VSupp
Types of flazard flarkers Types of sight boards	AS 1742.2 Clause 4.0.7.2 + VSupp
i ypos di signit boards	no 1772.2 Olause 2.11.2 7 Voupp

B. PAVEMENT MARKINGS	
Topic	Relevant Clause or Section
B1. Linemarking	
Lane lines – types and uses	VSupp to AS1742.2 Clause 5.3.1
	VSupp to AS1742.2 Clause 5.3.4
Edge lines – types and uses	VSupp to AS1742.2 Clause 5.3.1
	AS1742.2 Clause 5.3.5 + VSupp
Dividing lines – types and uses	VSupp to AS1742.2 Clause 5.3.1
	AS1742.2 Clause 5.3.2
Barrier lines	VSupp to AS1742.2 Clause 5.3.3.1
	AS1742.2 Clause 5.3.3
Continuity lines	VSupp to AS1742.2 Clause 5.3.1, 5.3.4, 5.3.6
Give Way and Stop lines at unsignalised	AS1742.2 Clauses 5.4.1 to 5.4.4 + VSupp
intersections	
Linemarking at roundabouts	VSupp to AS1742.2 Clauses 5.4.1 to 5.4.4
Line marking at signalised intersections	AS1742.14 Clause 6.2
Turn lines at signalised intersections	VSupp to AS1742.14 Clause 6.2.4
Pedestrian cross walk lines	VSupp to AS1742.14 Clause 6.2.2
At no overtaking zones	AS1742.2 Clause 5.3.3.2
Temporary yellow linemarking	VSupp to AS1742.2 Clause 5.2.2
B2. Other Markings	
Pavement markings at signalised	AS1742.14 Clause 6.2
intersections	VSupp to AS1742.14 Clauses 6.2.1 to 6.2.4
Typical arrangement diagrams for	VSupp to AS1742.14 Clause 6.2.4
signalised intersections	VSupp to AS1742.2 Clause 2.12
Pavement markings at freeway	VSupp to AS1742.2 Clause 3.8
interchanges	
Keep Clear markings	AS1742.2 Clause 5.5.2.6 + VSupp
Retroreflective raised pavement markers	AS1742.2 Clause 5.6 + VSupp
Railway crossing pavement markings	AS 1742.7 Section 3

C. GUIDE POSTS AND DELINEATORS	
Topic	Relevant Clause or Section
Use and installation of guide posts	AS 1742.2 Clause 4.2.2 + VSupp
	AS 1742.2 Clause 4.2.4
Design of guide posts	AS 1742.2 Clause 4.2.4.2 + VSupp
Culvert marker posts	VSupp to AS 1742.2 Clause 4.2.4
Use of delineators on guide posts	AS 1742.2 Clause 4.2.5.4 (a) + VSupp
Use of delineators on guard fence, safety	AS 1742.2 Clause 4.2.5.4 (b) + VSupp
barrier or bridge rail	

D. TRAFFIC SIGNALS	
Topic	Relevant Clause or Section
Right turn treatments	VSupp to AGTM 9 Section 7.3.3
Pedestrian countdown timers	VSupp to AS 1742.14 Clause 2.4 (d)
Pavement arrows at signalised	VSupp to AS 1742.14 Clause 6.2.3
intersections	VSupp to AS 1742.2 Clause 5.5.2.3 + VSupp
Lane lines at signalised intersections	VSupp to AS 1742.2 Clause 5.3.4
Turn and crosswalk lines at signalised	VSupp to AS 1742.14 Clause 6.2.4
intersections	VSupp to AS 1742.14 Clause 6.2.2
Intersection type selection	VSupp to AGTM 6 Attachment A
Position of Signal Equipment	VSupp to AGTM 10 Section 8.4.4
	VSupp to AS 1742.14 Clause 4.2.1
Phasing design	VSupp to AGTM 9 Section 7.3.3
Pedestrian settings	VSupp to AGTM 9 Appendix H.5

E. LANE TRANSITIONS	
Topic	Relevant Clause or Section
Road narrows treatment	AS 1742.2 Clause 4.7.2 + VSupp
	AS 1742.2 Clause 4.7.3 + VSupp
Divided to undivided road treatment	AS 1742.2 Clause 4.7.4 + VSupp
Zip merge treatment	AS 1742.2 Clause 4.7.5.1 + VSupp
Lane change treatment	AS 1742.2 Clause 4.7.5.2 + VSupp
Lane drop on freeway	VSupp to AS 1742.2 Clause 4.7.5.2
Overtaking lanes	AS 1742.2 Clause 4.8.1 + VSupp
_	AS 1742.2 Clause 4.8.2 + VSupp

F. ROADWORKS	
Topic	Relevant Clause or Section
Use of signs and devices	AS 1742.3 Section 3
Mounting of roadwork signs	AS 1742.3 Clause 3.3
Typical roadwork signs	AS 1742.3 Clause 3.4
Detour signs	AS 1742.3 Clause 3.6
Cones, bollards and pavement markings	AS 1742.3 Clause 3.9
Vehicle mounted signs and devices	AS 1742.3 Clause 3.12
Signs and devices for pedestrian control	AS 1742.3 Clause 3.14
Signs and devices for vehicle height and	AS 1742.3 Clause 3.15 + VSupp
mass restrictions	
Variable message signs	AS 1742.3 Clause 3.16.6 + VSupp
Worksite Traffic Management Sign Spacing	VSupp to AS 1742.3 Additional Information
and Taper Lengths Guide	

G. PEDESTRIAN TREATMENTS	
Topic	Relevant Clause or Section
At railway crossings	AS 1742.7 Clause 6.1 to 6.5
DDA provisions for pedestrians	AS 1428.4.1 Section 3
Traffic signal display	AS 1742.14 Clause 2.4 + VSupp
	AS 1742.14 Clause 4.2.4
Pedestrian push buttons	AS 1742.14 Clause 5.6
Detection at traffic signals	AGTM 9 Section 7.6.10

H. PARKING FACILITIES	
Topic	Relevant Clause or Section
Regulatory control.	AS 1742.11 Clause 2.1
Guidelines for the signing of Off and On	AS 1742.11 Attachment A
street area parking control schemes	
Parking surveys	AGTM 3 Section 2.5.8
On road parking control.	AGTM 5 Section 4.3.5
Parking policy and planning.	AGTM 7 Section 2.3.7
Parking management	AGTM 7 Section 3.10
Schemes for parking signs on roads.	AGTM 10 Section 3.8
Off street car parking	AS 2890.1 + VSupp
Off street commercial vehicle facilities.	AS 2890.2 + VSupp
Bicycle parking facilities	AS 2890.3 + VSupp
On street parking	AS 2890.5 + VSupp
Off street parking for people with	AS 2890.6 + VSupp
disabilities.	
Parking management in Activity Centres.	AGTM 7 Section 3.10

I. BICYCLE FACILITIES	
Topic	Relevant Clause or Section
No hook turns by bicycle sign.	AS 1742.2 Clause 2.8.8
Bicycle excepted sign	AS 1742.2 Clause 2.8.10 (b)
Provision for pedestrian and bicycles at	AS 1742.3 Clause 2.3.7
road works	
Treatment at railway crossings	AS 1742.7 Section 6
Traffic signal bicycle display	AS 1742.14 Clause 2.5
Cyclist push buttons.	AS 1742.14 Clause 5.7
Guidance for the use of Sharrows	VSupp to AS 1742.9 Clause 2.3
Bicycle & Crossing Ramp Warning Signs	VSupp to AS 1742.9 Clause 4.2 (c)
Pedestrian and bicycle traffic surveys	AGTM 3 Section 2.5.5
Bicycle networks	AGTM 4 Section 4.6
Road space allocation for cyclists.	AGTM 6 Section 4.4
Shared path crossing of railways.	AGTM 6 Section 7.6.2
Pedestrian and cyclist crossing of roads.	AGTM 6 Section 8
Planning context for walking and cycling in	AGTM 7 Section 2.3.2
activity	
Bicycles in activity centres	AGTM 7 Section 3.8.3
Signs, line marking and other treatments for bicycle facilities.	AGTM 8 Section 7.5.7
Bicycle detection at traffic signals.	AGTM 9 Section 7.6.11
Use of coloured pavement for bicycle	AGTM 10 Section 6.6
lanes.	
Parking provision for bicycles.	AGTM 11 Section 7.8.5
Bicycles in Activity Centres.	AGTM 7 Section 3.8.3, 3.8.4
Signing of Rural Training Circuit	VSupp to AS 1742.9 Attachment A
Providing for Cyclist at Bus Stops	VSupp to AS 1742.9 Attachment B
Bicycle Direction Signs	VSupp to AS 1742.9 Clause 5.4

J. INTERSECTIONS	
Topic	Relevant Clause or Section
Types of intersection	AGTM 6 Section 2.2
Unsignalised	AGTM 6 Section 3
Roundabouts	AGTM 6 Section 4
Signalised	AGTM 6 Section 5
Interchanges	AGTM 6 Section 6
Rail Crossings	AGTM 6 Section 7, AS1742.7
Treatment at non expressway intersections	AS 1742.2 Section 2
Treatment at expressway interchanges and	AS 1742.2 Section 3
terminals	
Bicycle treatments at intersections.	AS 1742.9 Clause 2.5
Direction signs at and near intersections	AS 1742.15 Section 2 + VSupp
Pedestrian and cyclists crossing of roads	AGTM 6 Section 8
Typical arrangement diagrams.	AS 1742.2 Clause 2.12

K. ROAD LIGHTING	
Topic	Relevant Clause or Section
Ownership of Lighting Schemes	TCG 006: Guidelines for Street Lighting Design Section
	3.1
Responsibilities.	TCG 006: Guidelines for Street Lighting Design Section
	1.5
VicRoads Lighting Levels.	TCG 006: Guidelines for Street Lighting Design
Lighting of Freeways	TCG 006: Guidelines for Street Lighting Design Section
	3.1
Lighting of Arterial Roads	TCG 006: Guidelines for Street Lighting Design Section
	2.1
The use of Frangible and Rigid Poles	TCG 006: Guidelines for Street Lighting Design Section
	5.1
Lighting for Roads and Public Spaces	AS 1158.0-6 + VSupp
Guidelines for Street Lighting Design	TCG 006: Guidelines for Street Lighting Design

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First Edition

Previous versions of this document are available on request by contacting the VicRoads - Network Standards team.

For enquiries regarding this supplement, please contact the VicRoads - Network Standards team via tem@roads.vic.gov.au or 9854 2417.