RTA Traffic Management Document Reference List

Transport Roads & Traffic Authority

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Supersedes NIL
Amendments: Refer to Amendment Record

RTA Traffic Management Document Reference List

Purpose

The RTA Traffic Management Document Reference List has been provided to assist traffic practitioners in locating traffic topics using one central document.

Background

The RTA has adopted the Austroads *Guide to Traffic Management* and Australian Standards AS 1742, 1743 & 2890 as its primary traffic technical references. The RTA accepts the principles in the Austroads *Guide to Traffic Management* and the Australian Standards with variations documented in a series of Supplements.

The RTA Traffic Management Document Reference List provides information on the contents of:

1. Key traffic management documents used by the RTA. It provides a summary, including access details, of key reference documents.
2. Austroads *Guide to Traffic Management* via a summary of the table of contents for each Part of the Guide.
3. Australian Standards AS1742, AS1743 and AS2890 via a summary of the table of contents for each Part of each Standard.

The reference lists has been provided to assist traffic practitioners in locating a traffic topic by scanning this document or using the search feature within this document.

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Amendment record

Please note that the following updates have been made to this document.

Amendment No	Page	Description	Issued	Approved By
1	31 & 32	References for AS 2890 Part 5 & Part 6 corrected	June 2011	R O'Keefe Mgr Traffic Policies, Guidelines & Legislation

1.0 Key Traffic Management Documents

Austroads

- *Guide to Traffic Management.*
- *Guide to Road Design.*
- *Guide to Road Safety.*

For Austroads publications see www.austroads.com.au and click publications.

RTA staff have direct access to electronic versions of Austroads publications accessible through the following link:
http://home.rta.nsw.gov.au/org/tnsw/bsg/lfms/library/austroads_pubs.html

Australian Standards

- *1742 – Manual of Uniform Traffic Control Devices.*
- *1743 – Road Signs – Specifications.*
- *2890 – Parking Facilities.*

For Australian Standards publications see www.standards.org.au and use search engine.

RTA staff have direct access to electronic versions of Australian Standards accessible through the following link:
http://home.rta.nsw.gov.au/org/tnsw/bsg/lfms/library/standards.html

RTA documents

- **RTA Supplements**
  RTA Supplements for Guide to Traffic Management.
  RTA Supplements for Australian Standards.
  RTA Supplements for Guide to Road Design
  RTA Supplements for Guide to Road Safety

- **RTA Complementary Traffic Material**
  Manuals, Guidelines and Technical Directions.

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2.0 Austroads Guide to Traffic Management Contents

Guide to Traffic Management - Part 1: Introduction to Traffic Management

Contents — Introduction to the discipline of traffic management.
Breadth of the subject and the relationship between the various parts of the guide.

Guide to Traffic Management - Part 2: Traffic Theory

Contents — An introduction to the characteristics of traffic flow and the theories, models and statistical distributions used to describe many traffic phenomena.
Processes that practitioners should consider.

Guide to Traffic Management – Part 3: Traffic Studies and Analysis

Contents Traffic and transport data collection surveys and studies.
Traffic analysis for mid-block situations (including freeways/motorways).
Analysis of signalised and unsignalised intersections, including roundabouts.

Guide to Traffic Management - Part 4: Network Management

Contents

Broader issues and aspects of managing networks of roads to provide effective traffic management for all road users.

Network needs of freight, public transport, pedestrians, cyclists and private motor vehicles.

Network management objectives, operational objectives, network performance measures.

Guide to Traffic Management - Part 5: Road Management

Contents

Focus on managing mid-block traffic conditions.

Good practice for access management, allocation of space to various road users, lane management. Application of speed limits.

Guide to Traffic Management - Part 6: Intersections, Interchanges and Crossings

Contents

Types of intersection.
Selection of intersection type and appropriate use.
Traffic considerations in traffic management for intersections, interchanges and other crossings.

Guide to Traffic Management - Part 7: Traffic Management in Activity Centres

Contents Planning and traffic management of activity centres and associated transport nodes. Principles for various types of centre.

Guide to Traffic Management - Part 8: Local Area Traffic Management

Contents

Principles and processes.
Issues and resources.
Selection of schemes and treatments.
Design and implementation of schemes and devices.

Part 8 4.2 Applying Warrants in a Policy Context
Part 8 4.3 Warrant Systems in Use
Part 8 5 COMMUNITY PARTICIPATION AND INFORMATION
Part 8 5.1 The Role Of Community Involvement In Establishing Needs
Part 8 5.2 Objectives And Benefits Of Community Consultation In The LATM Process
Part 8 5.3 Basic Requirements For Community Participation
Part 8 5.4 Potential Difficulties
Part 8 5.5 Who Should Be Involved
Part 8 6 LEGAL ASPECTS AND DUTY OF CARE
Part 8 7 SELECTION OF LATM SCHEMES AND TREATMENTS
Part 8 7.1 Accepted LATM Devices
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Part 8 7.4 Diversion Devices
Part 8 7.5 Signs, Linemarking and Other Treatments
Part 8 7.6 Combination Devices
Part 8 8 DESIGN CONSIDERATIONS FOR LATM SCHEMES
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Part 8 8.3 Spacing of Devices
Part 8 8.4 Device Deflection
Part 8 8.5 Design Vehicles and Checking Vehicles
Part 8 8.6 Gradients
Part 8 8.7 Colours and Textures of Materials
Part 8 8.8 Lane Widths
Part 8 8.9 Sight Lines
Part 8 8.10 Conspicuity: Signs, Marking and Lighting
Part 8 8.11 Landscaping and Planting of Treatments
Part 8 8.12 Catering for Cyclists and Pedestrians
Part 8 8.13 Catering for Emergency Vehicles, Buses and Trucks

Guide to Traffic Management – Part 9: Traffic Operations

Contents

Applications used in traffic operations.
Current practice for common systems including traffic signals, congestion management, incident management and traveller information.
Manual systems used in these application areas.
Event management.
Information management issues and principles.
Related systems integration and interoperability issues.

Part 9 1 INTRODUCTION
Part 9 1.1 Scope and context
Part 9 1.2 Terminology
Part 9 2 OBJECTIVES AND PRINCIPLES
Part 9 2.1 Objectives
Part 9 2.2 Road User Support
Part 9 2.3 Role of ITS

Part 9 3 TRAFFIC OPERATIONS SERVICES
Part 9 3.1 Fields of Service
Part 9 3.2 Range of Services

Guide to Traffic Management - Part 10: Traffic Control and Communication Devices

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Signing and marking schemes.
Traffic signs, static and electronic.
Pavement markings and delineation.
Traffic signals and islands.

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Part 10 3.5 Route Plans for Direction Signs
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Part 10 9.1 Flush Medians and Islands
Part 10 9.2 Flush Islands with Pavement Bars
Part 10 9.3 Moveable Medians, Islands and Barriers

Guide to Traffic Management - Part 11: Parking

Contents

Parking policy.
Demand and supply.
Data and surveys.
On-street and off-street.
Types of parking and parking control.

Guide to Traffic Management - Part 12: Traffic Impacts of Developments

Contents

Relationship to road level of service and access management.
Development profile and trigger points for treatment.
Traffic impact assessment.

Guide to Traffic Management - Part 13: Road Environment Safety

Contents

Principles and management of the safety of road environments within a traffic management context.
Links to relevant sections of the *Guide to Road Design* and *Guide to Road Safety*.

3.0 Australian Standards Contents

1742.1 - 2003, Part 1: General Introduction and Index of Signs

1742.2 - 2009 Part 2: Traffic Control Devices for General Use

Part 2 5.6 Raised Pavement Markers
Part 2 5.7 Pavement Markings At Entrance And Exit Ramps
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Part 2 B. Sign Size Selection
Part 2 C. Illumination And Reflectorization Of Signs
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Part 2 E. Use Of Flashing Lights With Warning Signs
Part 2 F. Determination Of Advisory Speeds On Horizontal Curves
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Part 2 H. Signs For Wildlife Awareness
Part 2 WORD INDEX
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1742.3 - 2009, Part 3: Traffic Control Devices For Works on Roads

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1742.4 - 2008, Part 4: Speed Controls

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1742.5 - 1997, Part 5: Street Name and Community Facility Name Signs

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1742.7 - 2007, Part 7: Railway Crossings

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1742.9 2000, Part 9: Bicycle Facilities

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1742.11 - 1999, Part 11: Parking Controls

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1742.12 - 2000, Part 12: Bus, Transit And Truck Lane

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1742.13 - 1991, Part 13: Local Area Traffic Management

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1742.15 - 2007, Part 15: Direction Signs, Information Signs and Route Numbering

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