



www.austroads.com.au

NEW CHAIR FOR AUSTRoadS

On 12 November 2009 Austroads held its first Board meeting as Austroads Ltd. Gary Liddle the Chief Executive of VicRoads was appointed Chair. Michael Bushby the Chief Executive of RTA NSW was appointed Deputy Chair. In assuming the Chair, Gary Liddle acknowledged the contribution of Alan Tesch, from Queensland Transport and Main Roads, who had been Chair of Austroads Inc for the previous two years.

ASSET MANAGEMENT, BRIDGE TECHNOLOGY AND TRAFFIC MANAGEMENT GUIDE DISCOUNT

Austroads is offering a 50 per cent discount to customers who purchase all parts of the Guide to Asset Management, Bridge Technology or Traffic Management in hard copy. Instead of paying over \$1000 for all parts of the Guide to Asset Management you will now be paying only \$500. All parts of the Guide to Bridge Technology in hard copy will now cost you only \$420 instead of over \$840 and you will pay only \$680 for all parts of the Guide to Traffic Management as opposed to \$1300.

Please visit www.austroads.com.au to access this great deal. Price does not include postage and handling.

NEW AUSTRoadS PUBLICATIONS

Guide to Road Design – three new parts published

Guide to Road Design Part 3: Geometric Design

This part provides road designers and other practitioners with information that is common to the geometric design of road alignments. Road designers have to consider many factors and disciplines that may affect the design of roads and intersections. Part 3 covers topics that are common to geometric design such as operating speed, sight distance, horizontal and vertical geometry, including the coordination of those two elements and consideration of cross-section elements. It also provides relevant information relating to the design of on-road cyclist and parking facilities.

Guide to Road Design Part 6A: Pedestrian and Cyclist Paths

Part 6A provides guidance for road designers and other practitioners on the design of paths for safe and efficient walking and cycling. The guide provides a brief introduction to planning and the need for a path, describes the types of paths and covers the requirements of path users. However, the main focus of Part 6A is the geometric design of paths and related facilities such as intersections between paths, and terminal treatments. Detailed guidance is provided on path location, alignment, width, clearances, crossfall, drainage and sight distance requirements.

Guide to Bridge Technology – final two parts published

Guide to Bridge Technology Part 2: Materials

The Guide to Bridge Technology Part 2: Materials covers all aspects of the common building materials available to the engineer including concrete, metallic and non-metallic materials and timber. It also discusses material characteristics, their properties, durability, construction issues when using such materials, and protection and preservation treatments. A detailed section on concrete reinforcing materials is also included.

Guide to Bridge Technology Part 3: Typical Superstructures, Substructures and Components

Part 3 of the Guide to Bridge Technology discusses the need for the bridge designer to address the specific requirements such as the transporting of goods and services, development of flood free routes, navigational clearances, longer spans, construction methods to reduce costs and reduced construction times. Topics covered include the various types of bridges by their building material, ranging from timber to prestressed concrete construction, and a range of cable type bridges, including pedestrian facilities. There is also discussion on foundations, bearings, decks and deck joints.

New Second Edition Part 1's published

Guide to Asset Management Part 1: Introduction to Asset Management

This document introduces the Austroads *Guide to Asset Management*, which offers guidance on how to best manage physical road infrastructure. The guide covers various aspects of asset management including how to determine and plan to accommodate stakeholder/community expectations, formulate and review asset strategies, develop works programs, assess asset performance and undertakes asset valuation and audit.

Guide to Road Safety Part 1: Road Safety Overview

This document is an overview of the Austroads *Guide to Road Safety*. It commences with a discussion of road crash costs and road authorities' duty of care to provide safe travel. The advantages and disadvantages of different ways of measuring road safety are discussed. The Safe System approach as a conceptual framework for road safety management is explained, along with the merits of an evidence-based approach to countermeasures.

Guide to Traffic Management Part 1: Introduction to Traffic Management

Part 1: Introduction to Traffic Management provides an introduction to the discipline of traffic management and an overview of the structure and content of the guide. It outlines the breadth of the subject, the distribution of content among the various parts of the guide, and the relationship with other guides such as those for Road Design, Road Safety and Road Transport Planning.

Accessing Austroads publications

All Austroads publications are available in PDF and hardcopy through the Austroads website www.austroads.com.au

Research Reports released:

Best Practice for Variable Speed Limits: Literature Review (AP-R342/09)

Best Practice for Variable Speed Limits: User Perception and Comprehensive Study (AP-R343/09)

Best Practice for Variable Speed Limits: Best Practice Recommendations (AP-R344/09)

Heavy Vehicle Sight Distance Requirements at Rail Crossings (Stage 2) (AP-R347/09)

This and other Austroads technical and research reports are available free as PDFs from the Austroads website. Please sign up for [RoadWatch](#) to be alerted all Austroads publications as they become available.

Research and Technical Reports in PDF only

Austrroads Research and Technical reports are now only available in electronic format. No hardcopies will be printed or available for purchase on the Austrroads website. All Research and Technical Report PDFs can be downloaded from the Austrroads website as usual.

Austrroads Guide feedback:

If you would like to provide feedback on the Austrroads guides you can do this by clicking [here](#).

Mapping previous Austrroads publications to the new:

As a consequence of the new guides being released there is a number of our previous publications which have been superseded, particularly in the Guide to Traffic Engineering Practice series. To keep track of these changes and to know which parts/guides replace the previous guides we have developed a user friendly table that allows you to cross reference the previous publications with what new publication replaces it. Please click [here](#) or visit the Austrroads website.

ATRF Call for Papers

The Australian Transport Road Forum is recognised by both the public and private sectors as the main transport planning and policy forum in Australasia. It is hosted annually by Australian jurisdictions and New Zealand.

The 2010 forum will be hosted by the Bureau of Infrastructure, Transport and Regional Economics and the Australian Capital Territory Department of Territory and Municipal Services at the National Convention Centre in Canberra. Prospective contributors are now invited to put forward papers.

Abstracts of up to 200 words are requested by 29 January 2010. Papers may deal with any aspect of transport, including work in progress, and should be research-based. Relevant research papers which are directly related to the development of policies or strategies are especially encouraged. Instructions for paper preparation will be sent to authors as soon as their abstracts have been accepted.

The Planning and Transport Research Centre (PaTReC) of the Western Australian universities provides an electronic repository of ATRF papers from the previous 32 events, which can be found at: <http://www.patrec.org/atrf.aspx>

Abstracts can only be submitted electronically. Abstracts, and questions, can be sent to ATRF2010@infrastructure.gov.au.

Further information on ATRF 2010 is available at www.bitre.gov.au/ATRF2010.

ARRB Group Conferences 2010

ARRB Group, in recognition of its breadth of experience across the roads and transport industry, is offering two consecutive conferences in 2010: the 2nd International Sprayed Sealing Conference and the 24th ARRB Conference. To celebrate ARRB Group's 50th Year Anniversary, both conferences will be held in Melbourne, Australia. The 2nd International Sprayed Sealing Conference theme is sustaining sprayed sealing practice. The 24th ARRB Conference will be held immediately after the conclusion of the 2nd International Sprayed Sealing Conference. Both will be at the Sebel Hotel, Albert Park, Victoria. The theme of the conference is building on 50 years of road and transport research.

The call for abstracts for both conferences is now open! Please visit www.arrb.com.au/conferences for more information or to submit an abstract.

The newsletter is developed and distributed every two months.

Contributions for future newsletters are always welcome. Please send via email to the Communications Manager at:

apaton@austroads.com.au

Austroads
Level 9, 287 Elizabeth Street, Sydney NSW 2000
T: (02) 9264 7088
F: (02) 9264 1657

Copyright © 2009 Austroads
