

[Austroads Guide to Pavement Technology](#)

The new Austroads Guide to Pavement Technology is currently under development. It will consist of 22 parts and sub-parts. Seven parts are already available through the [Austroads publications website](#). The new Guide will provide detailed knowledge of pavement technologies and techniques that have been derived from the experience of Australasian road authorities. Recently completed Parts 2 and 5 were launched at the ARRB conference earlier this month with six more parts coming out in the next few weeks. The seven parts of the Guide to Pavement Technology already available include:

Part 1: Introduction to Pavement Technology

- general information on the purpose and function of pavements, pavement types, components and pavement materials.

Part 2: Pavement Structural Design

- advice for the structural design of sealed road pavements and covers the assessment of input parameters needed for design, design methods for flexible and rigid pavements, and guidance on the economic comparisons of alternative pavement designs.

Part 4: Pavement Materials

- an overview of the assessment criteria for pavement materials.

Part 4B: Asphalt

- an overview of the principal types of asphalt, selection of asphalt mix type, selection of component materials, asphalt mix design, performance characterisation, and manufacture and placing.

Part 4D: Stabilised Materials

- details the types of stabilisation undertaken in improving pavement materials and subgrades, types of binders used in stabilisation and their suitability to types of materials, type and quantity of binder required to achieve a particular type of stabilised material (mix design).

Part 5: Pavement Evaluation and Treatment Design

- advice on existing sealed road pavements and the selection and design of pavement strategies/treatments, pavement investigation, testing and evaluation, identification of causes and modes of distress, and description of treatment options.

Part 9: Pavement Work Practices

- a quick reference to technical notes produced by various road authorities and industry organisations within Australasia.

Six additional parts will be released in the next few weeks. They are:

- Part 4A: Granular Base and Subbase Materials
- Part 4C: Materials for Concrete Road Pavements
- Part 4F: Bituminous Binders
- Part 4H: Test Methods
- Part 4J: Aggregate and Source Rock
- Part 6: Unsealed Pavements

Register for RoadWatch on the [Austroads publications website](#) to be advised of their release.

The remaining parts and sub-parts are all scheduled for completion by June 2009. For more details of each part and the scheduled completion dates visit the pavement technology section of the [Austroads website](#).

World Road Association technical committees

The World Road Association's 2008-2012 work cycle has begun and with it comes a new round of technical committees including committee B.1 – Good Governance of Road Administrations. The Australian representative and English speaking secretary is Brendan Nugent, RTA NSW.

The focus of the committee is on:

- Good governance
 - successful governance structures
 - performance measurement
 - institutional integrity.
- Customer service
 - targeted services
 - customer feedback
 - evaluation and measurement of improved services.
- Human resources
 - addressing skill shortages
 - promotion of employment in the road sector
 - training and education in developing countries.

The committee has already held its first two meetings, established working groups and a draft work program, developed a plan for the committee's outputs and a dissemination plan that will include seminars in various locations.

Brendan says, "The exposure to other professionals working in the area of governance will really add value to my work in the RTA and on the Austroads Capability Task Force. It is a great opportunity to compare methods that are used in the area of governance overseas with the methods we are utilising in Australia".

Regular reports on the committee's work are available on the [Austroads website](#). For more information about all the technical committees, the four strategic themes and details of the technical committee representatives, visit the [World Road Association website](#).

Austroads publications

Development of the Austroads guides is continuing with a further five parts published since the last newsletter, in addition to the Bituminous Materials Safety Guide and 17 new research and technical reports. The parts of the guides recently released include:

- Guide to Pavement Technology – Part 2: Pavement Structural Design
- Guide to Pavement Technology – Part 5: Pavement Evaluation and Treatment Design
- Guide to Traffic Management – Part 2: Traffic Theory
- Guide to Asset Management – Part 5D: Strength
- Guide to Project Delivery – Part 3: Contract Management

For more information about the content of each part, or to order a copy, visit the [Austroads publications website](#). There are also over 400 other publications available on the website, covering subject areas such as asset management, bridge technology, pavement technology, project delivery, project evaluation, road design, road safety, traffic management and road transport planning.

All research and technical reports are available to download for free in PDF. Additionally, Austroads members can download all guides for free in PDF.

Future publications

A further six parts of the Guide to Pavement Technology are due for release in the next few weeks. Part 4 of the Guide to Project Delivery will be released this month. When Part 4 is released the entire Guide to Project Delivery will be complete.

A service is available which provides an email notification when new publications are released. You can register for this service, called RoadWatch, and nominate to receive alerts about specific publications and/or subject areas, or all publications and subject areas. An email is sent to subscribers when new publications are released, or whenever changes are made to existing publications. For more information or to register, visit the [Austroads publications website](#).

Feedback about publications

Austroads is always seeking feedback about its publications. Users can provide feedback about technical content, format, layout, style, or whether the publication met expectations. The feedback allows us to develop publications that are relevant and informative, easy to use and are likely to be recommended for use by others. There is an electronic feedback form available on the [Austroads publications website](#) that only takes a couple of minutes to complete. Feedback is also appreciated about the usability of the publications website, downloading publications, or the ordering and payment process.

Update to test methods

The Austroads website contains a number of test methods that relate to asset management and pavement technology. The test methods complement some of the information that is published in guides and research/technical reports. The test methods are listed in tables on the website under 'specialist areas' then 'asset management' or 'pavement technology'. Recently, pavement technology test method *AGPT/T102 Protocol for Handling Polymer Modified Binders in the Laboratory* was updated. The latest version is now available on the website.

For more information, or to download any of the test methods, visit the [Austroads website](#) and follow the links to either asset management or pavement technology.

New Zealand Transport Agency

On 1 August 2008, Transit New Zealand and Land Transport New Zealand were officially merged and became the New Zealand Transport Agency. New Zealand's membership of Austroads is not affected. The functions previously performed by Transit New Zealand are now conducted by the New Zealand Transport Agency. For more information about the New Zealand Transport Agency visit their website: www.transport.govt.nz

Forthcoming events

CPEE Workshops – Managing the Road Environment

2 – 4 September 2008, Melbourne

23 – 25 September 2008, Sydney

21 – 23 October 2008, Brisbane

The Centre for Pavement Engineering Education (CPEE) is providing a new three day workshop in Melbourne, Sydney and Brisbane for road engineers to examine the environmental impacts generated by the construction and operation of road networks. The workshop is based on an existing CPEE post graduate distance learning unit – Managing the Road Environment. The emphasis of the workshop will be on air quality, traffic noise, green house gases, water quality, recycling and pavement construction. More information is available from: www.pavementeducation.edu.au

2008 Australasian Road Safety Research, Policing and Education Conference

10 – 12 November 2008, Adelaide

The Australasian Road Safety Research, Policing and Education Conference provides a forum for the exchange of information about current and future road safety initiatives. The 2008 conference will present the latest findings from road safety research and discuss innovative road safety practice in policing, education, policy development and program management. A main objective of the conference is to reduce road crash trauma by ensuring that decision makers are adequately informed about the likely effectiveness of various road crash countermeasures. More information is available from: www.roadsafetyconference2008.com.au

The newsletter is developed and distributed every two months.
Contributions for future newsletters are always welcome. Please send via email to the Communications Manager:
darmstrong@austrroads.com.au

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

Copyright © 2008 Austroads
