



World Road Congress – Mexico 2011

The next World Road Congress is being held in Mexico City from 26 to 30 September 2011.

The Austroads national office will be coordinating the delegation to the Congress from Australia and New Zealand. This will include coordinating hotel accommodation and arranging events for the Australasian delegates.

The theme of the Congress is Mobility, Sustainability and Development. High profile key note speakers will be in attendance and ministers from all 118 member countries have been invited to participate in the Congress.

In conjunction with the Decade of Action for Road Safety 2011-2020, the Congress will have a strong focus on Road Safety. It will be a forum aimed at assembling ideas and experiences from across the globe to enhance Road Safety innovation into the future.

Information is available from the World Road Association [website](#). Anyone planning to attend the Congress should advise Austroads by email to austroads@austroads.com.au to be included in arrangements for the Australasian delegation.

New Austroads Publications

Accessing Austroads publications

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

Impact of Light Commercial Vehicles/Rigid Trucks in Urban Networks – Scoping Study (AP-R376-11)

This study recommends an ongoing Austroads research programme that is focussed on the impacts of the increasing volume of light commercial vehicles and rigid trucks on the urban traffic network in terms of their contribution to urban congestion, environmental considerations and road safety.

Innovative Road Safety Measures to Address Fatigue: Review of Research and Results from a Treatment Trial (AP-R379-11)

Identifies innovative treatments that have potential as fatigue countermeasures, examines their effectiveness, and provides information to practitioners about where they might be used.

Effectiveness and Selection of Treatments for Cyclists at Signalised Intersections (AP-R380-11)

This report focuses on the safety impacts of providing cycle facilities, in combination with a number of other features, such as width of approach kerbside lane, at traffic signals.

Understanding the Impacts of Road Pricing Factors on Future Road Use and Network Wide Effects (AP-R381-11)

This report extensively reviews international literature to examine the impacts of road pricing factors on future road use and network wide effects.

DSRC Interoperability Study (AP-R382-11)

This report looks at the issues to the incumbents now and into the future, and what changes are needed for ITS to function as required in a High Availability Low Latency (HALL) setting.

Examination of Major Policy Issues Relating to Introduction of Cooperative ITS to Australia (AP-R383-11)

This report provides decision-makers with broad advice to assist them in their policy decision-making on cooperative ITS by identifying and examining the main policy issues of cross-jurisdictional scope involved with the introduction and roll-out of cooperative Intelligent Transport Systems (cooperative ITS) in Australia.

Network Performance Indicators – Next Generation (AP-T176/10)

This project attempts to define a relevant, feasible and comparable set of network performance indicators (NPIs) that can be used for benchmarking asset management performance across member authorities (MAs) based on a review of existing information.

Review of Skid Resistance and Measurement Methods (AP-T177/11)

This report provides a review of research and developments in skid resistance measurement methods with up-to-date information on the major issues (e.g. variability) involved in skid resistance measurement.

Austroads Publication feedback:

If you would like to provide feedback on any of the Austroads publications you can do this by clicking [here](#).

Mapping previous Austroads 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, including 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 table that allows you to cross reference the previous publications with what new publication replaces it. Please click [here](#) or visit the Austroads website.

Road Bridges into the Future – WRA Technical Committee

By Erica Smith, Main Roads Western Australia

The World Road Association (WRA) Technical Committee D.3 (Road Bridges) deals with assessment of bridge condition, innovative maintenance and rehabilitation techniques with the aim of improving the quality of road infrastructure through the effective management of assets.

The committee held a meeting recently with the primary purposes being to deliver presentations on sub-committee reports as a preliminary run for the Mexico Congress, finalise review of papers received for the Mexico Congress with decisions made on paper acceptance, presentation papers and prize nominations, finalise the program of the Road Bridges technical session of the Mexico Congress and propose Strategic Themes for the 2012-2015 cycle.

The main issues identified by the committee were:

- Climate Change – adaptation to climate change and how this affects the inspection and management of the bridge stock;
 - Inspection and Condition Assessment – innovations in inspection techniques for improved safety, innovation in testing techniques, and training and qualifications of inspectors; and
 - Large Scale Structures – methodologies for assessing large scale structures and innovative maintenance techniques that can be applied to these structures.
-

The following projects have been approved by WRA for this committee work cycle:

- Management of Bridge Stock and Adaptation to Climate Change – Leader, Borre Stensvold (Norway).
- Inspector Accreditation, Non-Destructive Testing and Condition Assessment for Bridges – Leader, Erica Smith (Australia).
- Large Road Bridges - Management, Assessment, Inspection and Innovative Maintenance Techniques – Leader, Thierry Kretz (France)

The primary objective of this Technical Committee is to contribute to the capture of leading edge research and practices in the field of bridge engineering and disseminate this information to member countries. All projects being pursued by the committee have direct relevance to Austroads members as they are aligned with current strategies and core technology. Final presentations will be delivered by the sub-committee leaders at the XXIV World Road Congress to be held in Mexico City in September 2011. All outputs of the committee can be found on the [Austroads website](#).

Asia – Pacific Cycle Congress 2011

The inaugural Asia-Pacific Cycle Congress will be held in Brisbane, Queensland from 18-21 September 2011 with the support of the Queensland Government. The congress will provide a valuable forum for cycling experts, researchers and enthusiasts from around the world to share expertise and develop effective methods for raising the profile of cycling.

The congress will feature top-tier international keynote speakers and industry specialists presenting on themes of cycleway planning, innovation and infrastructure; cycling promotion and travel behaviour change; culture, community and choices.

For more information on the event please visit [here](#).

8th Austroads Bridge Conference 2011

The 8th Austroads Bridge Conference will be held in Sydney from **31 October to 5 November 2011** at the Sydney Exhibition and Convention Centre, Darling Harbour. The Theme of the conference is '**Sustainable Bridges - The Thread of Society**'. The Conference is the primary bridge conference in Australasia and is held every two or three years bringing together professionals with interest in bridge engineering.

The conference will showcase the achievements from many of the world leader's in the specialist field of bridge engineering. There will also be associated social activities and many opportunities for networking sessions.

The Roads and Traffic Authority of New South Wales is hosting this conference, providing the opportunity to create a forum for bridge engineering information exchange and networking.

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@austrroads.com.au

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

Copyright © 2011 Austroads
