

## **Communiqué**

### **Austrroads Board Meeting No. 15**

#### **Darwin, 4 July 2013**



---

The Austrroads Board met on 4 July in Darwin. Andy Milazzo, Austrroads Chair and Deputy Chief Executive, Transport Services, Department of Planning, Transport and Infrastructure South Australia, chaired the meeting.

There was one new Board member, Clare Gardiner-Barnes, Chief Executive Department of Transport Northern Territory, attending the meeting. Neil Scales, the Director General of Transport and Main Roads Queensland is also a new Board member but was unable to attend.

The Board acknowledged the awarding of Queen's Birthday Honours to the following:

- Peter Duncan AM, Chief Executive, RMS NSW
- Lyn O'Connell PSM, Deputy Secretary, DIT
- Andrew Wall PSM, VicRoads
- Antoinetta Cavallo PSM, VicRoads

#### **Review of Austrroads Research Procurement and Delivery**

The Board considered the preliminary findings and suggested actions arising from the review of Austrroads research procurement and delivery. The importance to road agencies of the work undertaken by ARRB in partnership with Austrroads was recognised. It was agreed that the relationship between Austrroads and ARRB should be one of collaboration, with Austrroads being an informed partner, to produce high quality, cost effective research outputs which can be utilised by Austrroads members to improve their business operations.

A new approach to research priority setting including the determination of program shares will be explored.

The Safety Program will initiate discussions with university based research organisations and ARRB to establish a collaborative process to develop the Austrroads road safety research program and participate in the delivery of that research.

The national office will work with program managers and ARRB to prepare proposals for consideration at the next meeting on a number of other potential changes to improve the overall value of the research program.

#### **Austrroads ARRB Partnership Agreement**

Dr Richard Yeo gave a presentation overviewing the past ten years of the Austrroads ARRB partnership agreement.

## Research Program

### **2012-13 work program**

Progress with the work program for 2012-13 is summarised in the table below.

	Assets	Freight	Network	R & L	Safety	Technology	Other	Total
Complete	1	3	7	6	10	13	1	41
Deferred/cancelled	3		1		1			5
Active	17	8	22	9	28	36	0	120
<b>Total approved</b>	<b>21</b>	<b>11</b>	<b>30</b>	<b>15</b>	<b>39</b>	<b>49</b>	<b>1</b>	<b>166</b>

Details of the projects in the 2012-13 work program are available on the Austroads website.

### **2013-14 work program**

The Board agreed to the proposed 2013-14 research work program, outlined in Attachment one.

### **Program Management Arrangements 2013 to 2016**

The Board confirmed program management arrangements for the next three years. There are six programs.

- Assets– David Darwin, NZTA
- Freight – Michael Sutton, Commonwealth Department of Infrastructure and Transport
- Network – Craig Moran, Roads and Maritime Services NSW
- Registration and Licensing – Peter Welling, VicRoads
- Safety – Iain Cameron, Main Roads Western Australia
- Technology – John Spathonis, Department of Transport and Main Roads Queensland

### **International Activities**

Austroads continues to have strong involvement with the World Road Association (WRA) primarily through its technical committees. Australia and/or New Zealand are represented on 15 of the 17 technical committees. There are full members on 14 of the 17. Australian representatives chair two of the technical committees and there are English speaking secretaries from Australia or New Zealand for four technical committees. The Australian and New Zealand representatives prepare reports on technical committee meetings attended which are published on the Austroads website and distributed to the relevant Austroads groups.

Austroads also performs the role of the WRA national committee for Australia and New Zealand. DIT and NZTA are national government members. The eight Australian road agencies are collective (i.e corporate) members as well as Austroads, ARRB, RACV, NTC, Norman Disney Young, GHD International and Connect East). There are also ten individual members. The Board discussed options for promoting more extensive engagement with industry and educational organisations in the work of the WRA. In Australia the primary forum for industry engagement on road matters is Roads Australia. Its membership includes all the state road agencies, as well as the major constructors, consultants, materials and equipment suppliers, service providers, other key industry associations, and representatives of the freight sector, motoring associations and the union movement. Roads Australia has indicated a willingness to facilitate communication between Austroads and Roads Australia members on WRA matters. The Australian Chapter of REAAA is an association of road industry professionals. Austroads national office provides the secretariat for the REAAA Australian Chapter. The national office will utilise the REAAA Australian Chapter membership to promote WRA and keep members informed about the work of WRA technical committees.

## Reports

Austrroads also considered reports from the following organisations:

- ARRB Group
- Australian Local Government Association
- Bureau of Infrastructure, Transport and Regional Economics
- National Transport Commission
- Transport Certification Australia Ltd

## Austrroads Awards

Austrroads awards are intended to recognise the contribution of individuals to the work of Austrroads. The awards are important because Austrroads operates on the basis that the people doing work for Austrroads, usually staff of Austrroads member organisations, are doing that work in addition to their regular work for their own organisation. The success of Austrroads is heavily dependent on the efforts and commitment of these individuals and the awards are a way of publicly acknowledging that.

*Austrroads Achievement awards were made to the following:*

Tye Anthonisz – Roads and Maritime Services, NSW

Heather Bishop – VicRoads

Anthony Barton - VicRoads

Graham Bradshaw – ABC member representing Retail Cycle Traders Association

John Bright – Department of Transport and Main Roads, Qld

Julie Cooper – VicRoads

John Esnouf – VicRoads

Deborah Evans – Department of Transport and Main Roads, Qld

Richard Fanning – VicRoads

Simon Grieve – Main Roads, WA

Mick Lorenz – Department of Planning, Transport and Infrastructure, SA

Marianne Robertson – VicRoads

Andrew Wall – VicRoads

Kamal Weeratunga – Main Roads, WA

*Special Commendations were made to:*

Wije Ariyaratne – Roads and Maritime Services NSW

Jane Fitzgerald – Department of Planning, Transport and Infrastructure, SA

*Outstanding Service awards were made to:*

Chris Harrison – Roads and Maritime Services, NSW

Julie Holmes – Department of Planning, Transport and Infrastructure, SA

## Future meetings

The next Austrroads Board meeting will be in Canberra on 30 October 2013.

## Attachment one: 2013-14 research work program Assets Program

CONTINUING PROJECTS 2013-14	
No.	Title
AT1064	Long-Term Performance Monitoring to Develop Consistent Performance Models
AT1484	Review of standard methods for measuring road condition
AT1490	Improving the estimation of the cost of accelerated road wear due to possible increases in axle mass limits
AT1534	Management of Road Assets (including electrical and electronic)
AT1536	Good Practice Reseal Management
AT1537	Bridge Management through Performance Models
AT1539	Application of New Technologies to Improve Risk Management
AT1540	Understanding the impact on pavement surfaces from next generation freight vehicles and developing practical network prediction models and responses
AT1730	Benefits and Risks of Investing in Network Level Deflection Data Collection
AT1732	Defining asset management LOS requirements for freight on rural arterial roads
AT1733	Analysing dynamic wheel loading and its Effects on the Network
AT1734	Refine and deploy the road wear modelling methodologies
AT1736	Economics of Materials Availability and Recycling
NEW PROJECTS 2013-14	
AP1900	Update the Austroads Guide to Asset Management – including Parts 5A, 5F, 7 and other parts
AT1735	Guidelines for the Development of a Framework for the Asset Management of Road Reserves
AT1737	Define LOS requirements of non freight customers
AT1738	Data requirements for improved statistical analysis of the relationship between road surface char's & crashes
AT1899	Maintenance of a WIM Users Website
AT1907	Update of Road Condition Monitoring Specifications, Test Methods and Commentaries
AT1920	Developing the Data and Cost Information Required to Support the Heavy Vehicle Charging and Investment Reform

## Freight Program

CONTINUING PROJECTS 2013-14	
No.	Title
FS1701	Harmonisation of Pilot and Escort Vehicle Driver Requirements
FS1703	Light Freight – Understanding its role in Urban Logistics
FS1804	Review of PBS standards for Level 3 and Level 4 vehicles
FS1805	Quantification of benefits resulting from use of High Productivity Vehicles
FS1807	Best practice guidelines for planning and development of industrial estates in Local Government areas
FS1808	Moving freight in emergency situations
FS1812	Use of Auxiliary Brakes in Heavy Vehicles
NEW PROJECTS 2013-14	
FS1806	Development of a policy framework to support safety, efficiency, and productivity of light freight in the urban context
FS1814	Publish a manual for Austroads jurisdictions on bridge assessment processes and procedures – FS1580 – Stage 2 (Rec. 1)
FS1891	Expansion of PBS RAT (Route Assessment Tool) – Specifically to Include Bridge Assessment
FS1892	Improving Access through Direct Private Investment in Public Road Infrastructure
FS1893	Management of Over Size and Over Mass Movements
FS1894	Address Process Gaps/Lack of Details in Access Management Ministerial Guidelines
FS1923	Improving High Productivity Vehicles (HPV) Access through Potential Charging Regimes

## Network Program

CONTINUING PROJECTS 2013-14	
No.	Title
NP1676	Guide to Traffic Management Review – Part 9
NS1696	Development of ITS Architecture (Stage 1) – Reference Architecture
NS1697	Development of ITS Architecture (Stage 2) – Logical Architecture
NS1722	Assessment of On-Road Bicycle Lanes at Roundabouts
NS1780	Urban Cycling Infrastructure Design Resource
NS1790	NBN Coordination
NT1789	Development of Guide Content on Managed Motorways
NT1589	Operational Management of Arterial / Motorway Interfaces for Network Optimisation
NT1782	Ability to absorb information through electronic and static signs
NT1785	Cooperative ITS (Stage 2)
NT1786	Guide to Traffic Management – Parts 1, 2 and 13: Minor Guide Review
NT1787	Harmonisation of Practices
NT1788	Level of Service Metric
NT1792	Cycling Aspects of Austroads Guides Review
NT1795	Guide to Traffic Management – Part 4: Minor Guide Review
NT1796	Guide to Traffic Management – Part 5: Guide Review
NT1797	Guide to Traffic Management – Part 7: Minor Guide Review
NT1798	Guide to Traffic Management – Part 8 Guide Review
NT1802	Procurement of ITS (international practice)
NT1803	Development of Product Acceptance Techniques for Network Devices
NEW PROJECTS 2013-14	
NS1779	Low Coat Interventions to Encourage Increased Cycling
NS1912	Pedestrian Facility Selection Tool
NT1783	Improving accessibility with network operations planning
NT1909	Techniques for Signal Management to Support Network Operations
NT1913	ITS Performance Benchmark
NT1919	National Traffic Control at Worksites - Implementation Plan
NT1926	Impact of Network Operations Planning on Austroads Guides

## Registration and Licensing Program

CONTINUING PROJECTS 2013-14	
No.	Title
RS1689	National Arrangements for Managing a Pending Licence Sanction
RS1731	National Alternative Vehicle Policy Framework - Power Assisted Pedal Cycles (PAPCs) and motorised mobility devices
RS1744	Indigenous Licensing - Being Assessed to Obtain a Learner Licence
RS1745	Indigenous Licensing - Tracking Forward to a Provisional Licence
RS1746	Development of Electronic Logbook Standards for Learner Drivers
RS1747	Review of Minimum Evidence of Identity Requirements Guideline (NTC)
RS1852	Investigation of Levers Which Influence People's Choice of Vehicle
RO1748N	Strategic Direction for NEVDIS
RO1749N	Review of NEVDIS Participation Agreement
NEW PROJECTS 2013-14	
RS1750	National Alternative Vehicle Policy Framework - Segways
RS1751	National Arrangements for Managing the Transfer of Driver Licence Conditions
RS1853	Minimum Security Standards for Driver Licences
RS1854	Research Into the Adoption End of Life Vehicles Continuous Registration
RS1911	Motorcycle Specific Hazard Perception Test (HPT)

## Safety Program

CONTINUING PROJECTS 2013-14	
No.	Title
SS1494	Road crash injuries - cost and prevention
SS1650	Providing for road user error in the safe system
SS1707	Development of a best practice model Graduated Licensing Scheme for car drivers
SS1708	Development of a national Graduated Licensing Scheme for motorcycle riders
SS1710	Motorcycle in-depth crash study
SS1753	Review of BAC limits in Australia and New Zealand
SS1754	Options to extend coverage of alcohol interlock programs
SS1755	Options for rehabilitation in interlock programs
SS1761	Improving safety for disadvantaged groups
SP1705	Recommended Safe System Practice Amendments to the Guide to Road Design
ST1426	Methods to achieve overall reductions in operating speeds in rural areas
ST1427	Improving roadside safety
ST1571	National Risk Assessment Model, Program Development and Trials (SSWG project)
ST1647	Safety, Operational and Environmental Impacts of Reduced Speed Limits
ST1706	National Guidelines for Setting Speed Limits at Higher-Risk Locations
ST1762	Towards the Harmonisation of Best Practice Speed Limits
ST1763	Crash Analysis – Australian and New Zealand data
ST1764	Investigation of Key Crashes Types – Head-on and Run-off-road crashes in urban areas
ST1766	Safe system in the Planning Process
ST1767	Improving the Performance of Safe System Infrastructure
ST1768	Achieving Safe System Speeds on Urban Arterial Roads
ST1769	Safe System Roads for Local Government
ST1771	Road Safety Audit & Road Safety Engineering Toolkit – Further development & website maintenance
ST1774	Revision of Austroads Guide to Road Safety- Part 6: Road Safety Audit
ST1776	Revision of Austroads Guide to Road Safety- Part 8: Treatment of Crash Locations
ST1863	Development of a Detection and Advanced Warning System for at-risk Heavy Commercial Vehicles on Steep Descents
NEW PROJECTS 2013-14	
SS1758	Development of a model safety management system for a road authority
ST1765	Investigation of Key Crashes Types – Rear-end Crashes in Urban and Rural Areas
ST1770	Investigation of treated black spots that did not achieve expected safety benefits
ST1773	Revision of Austroads Guide to Road Safety - Part 9: Roadside Hazard Management
ST1870	Infrastructure improvements to reduce motorcycle casualties
ST1888	Strategic Review of the Austroads Guide to Road Safety

## Technology Program

CONTINUING PROJECTS 2013-14	
No.	Title
TS1543	Road geometry study for improved rural safety – Stage 1
TS1606	Standardise Drawing Presentation
TS1607	Road design for heavy vehicles
TS1834	Realising 100 year design life in an aggressive environment
TS1835	Specification and use of geopolymer concrete in the manufacture of structural and non-structural components
TS1837	Improved Bridge Deterioration Models, Predictive Tools and Costs
TS1843	Grade Corrected Acceleration Lengths for Motorway Entrance Ramps
TS1877	National Prequalification System - Additional Specialist Categories
TP1668	Review Guide to Road Design Part 6: Roadside Design, Safety and Barriers

TP1681	Review of the ASMS 1994 and the BAG Guidelines for Bridge Load Capacity Assessment 1997
TP1718	Update to the Guide to Road Design – Part 4
TP1670	Updating Externalities Unit Values
TP1846	Review of Guide to Road Design Part 6A - Pedestrians and Cyclist Paths
TP1885	Update the National Guidelines for Transport System Management (NGTSM) in Australia
TT1353	Asphalt Properties and Mix Design Procedures
TT1601	Standardise Bridge Barrier Designs
TT1614	Pavement Wear Effects of Heavy Vehicle Axle Groups
TT1664	Cemented Materials Characterisation
TT1665	Polymer Modified Binder Sprayed Seal Trials
TT1715	Validation of Enhanced Pavement Design Model
TT1546	Safety Provisions for Floodways over Roads
TT1817	Maximising the use of reclaimed asphalt pavement in asphalt mix design
TT1818	Development and validation of a new long-term aging test for bitumens and PMBs
TT1819	Characterisation and performance evaluation of granular bases
TT1820	Maximising the performance of sprayed seals
TT1824	Strategic Review of Pavement Design Practice
TT1823	Binder characterisation properties for enhanced performance
TT1825	Mix design and field evaluation of foamed bitumen stabilised pavements
TT1826	Improved design procedures for asphalt pavements
TT1849	Review of Guide to Pavement Technology Part 4B
TT1881	Investigating Key Performance Measures and Predictions on Unsealed Roads
<b>NEW PROJECTS 2013-14</b>	
TS1878	Review of Overseas Tunnels
TP1844	Guide to Road Design - Revision of Part 1 Introduction to Road Design and Part 2 Design Considerations
TP1847	Review of Guide to Road Design Part 6B - Roadside Environment
TP1623	Updating Austroads RUE Unit Values (Guide to Project Evaluation Part 4 - Project Evaluation Data)
TP1840	Revision of Austroads Guide to Road Tunnels - Part 2: Planning, Design and Commissioning
TP1845	Review of the Guide to Road Design - Part 3
TP1903	Bitumen Materials Safety Guide - 4th Edition
TT1545	Speed Reduction Devices for High Speed Environments
TT1821	Long-term environmental impact on the performance of aging hot mix asphalt
TT1838	Traffic Impact Estimation Tool for Small Intersection Projects Including Safety Initiatives
TT1898	Delivery of a Robust Pavement Design Software Tool
TT1905	Accelerate evaluation of the effectiveness of supplementary cementitious material to suppress damaging AAR expansion in concrete structures
TT1906	Monitoring National Sprayed Seal Trials
TT1908	High Modulus High Fatigue Asphalt (EME) Technology Transfer
TO1889	Full review of existing CPEE distance learning unit – Flexible Pavement Construction
TO1890	Minor review of existing CPEE distance learning units – Pavement Design, Project Evaluation, Road Engineering Fundamentals and Road Maintenance