

# Communiqué

## Austrroads Board Meeting No. 31 5 July 2018 | Darwin



The Austrroads Board met on 5 July 2018 in Darwin, Northern Territory and was chaired by Neil Scales, Director-General, Queensland Department of Transport and Main Roads.

### Strategic Projects

An update on the strategic priority projects identified by the Board is provided below.

- **Data Harmonisation** | Stage 1 Data Standard pilots conducted with five Victorian councils and finalised early this year, produced some important findings. Stage 2 pilots are intended to further test and promote the data standard and priority data sets by road managers, at a national level.

A key element of the development of the Data Standard, running in parallel with the work program, is Austrroads leadership role in setting harmonised standards for digital engineering and Building Information Modelling (BIM) as it applies to the roads/infrastructure sector. Austrroads is continuing to partner with BuildingSMART in the development of standards for the open exchange of information to support application of digital engineering and BIM.

- **National Technical Specifications** | Harmonising technical specifications will also require harmonisation of contracts and test methods which may include general terms and conditions of contracts, pavement marking, fabrication of steelwork, and signage in tunnels. A report was provided which included a comparison of existing agency specification frameworks and three alternatives for moving forward. It was agreed that Jurisdictional views on the best way to move forward with this project be sought outside the meeting as soon as possible by the Austrroads National Office and the Assets Program.
- **Safety at Road Worksites** | Work continues to progress well on this project. It was agreed by the Board that the 11 parts of the Code of Practice for Temporary Traffic Management be published at the project's completion as a complete set, rather than incrementally as initially proposed. This may require a review and retiming of the project work program.
- **Congestion Management and Network Operations Opportunities** | This project is undertaking multiple streams of research to support road agencies in the optimisation of their networks, manage congestion and improve the movement of people and goods. A progress report for the project was noted.
- **Cross Section Design for Road Stereotypes and a Safe System** | The key output from this project will deliver a world-first performance-based road design standard. The project will support jurisdictions in the implementation of components of the National Road Safety Action Plan. The acceleration of Intersection Stereotype Tables to complement the Mid-block Tables are currently being finalised for consultation and publishing. Consultation with iRAP has occurred to ensure alignment with global standards and confirmed the project direction is world-leading and will directly contribute to the next evolution for international practice.
- **Infrastructure Changes to Support Automated Vehicles** | This project is investigating the level of investment in public infrastructure including physical and digital infrastructure required to support the operation of connected and automated vehicles across key highways in Australia and New Zealand. When appointed, the Austrroads Connected and Automated Vehicles Program Manager will undertake a strategic review and build on the current work program and projects.
- **Australia and New Zealand Roads Capability Analysis 2017-2027** | This project, which focuses on the traditional and future skills required by road agencies, has been completed. The final report is being prepared for publication and project webinar is scheduled for September.

- **Austroads Online** | The new website is progressing well and is due to be delivered by the end of August. Website design and architecture testing has been completed. Most of the Guides have been ingested and a team of proof readers has been engaged to check the html versions of the Guides. The migration of the publication and corporate website is well progressed. The user acceptance testing plan is being developed. This will be implemented throughout late July to the third week of August.

### Research Work Program Overview

There were 114 projects approved in the 2017-18 work program, with 78 projects continuing from previous financial years and 36 new projects commencing in 2017-18.

The table below details the status of the Austroads projects as at 14 June 2018.

Status	Assets	Connected & Automated Vehicles	Network	Safety	Other	Total
Complete	15	3	9	13	-	40
Cancelled / Abandoned	-	-	1	-	-	1
Deferred	-	-	-	-	-	-
Active	30	6	14	21	2	73
<b>Total approved</b>	<b>45</b>	<b>9</b>	<b>24</b>	<b>34</b>	<b>2</b>	<b>114</b>

Proposed work programs for 2018-19 were also considered and endorsed by the Board. The table below provides a work program overview for 2018-19

Status	Assets	Connected & Automated Vehicles	Network	Safety	Other	Total
Continuing	28	6	13	21	2	70
New	8	2	8	10		28
<b>Total approved</b>	<b>36</b>	<b>8</b>	<b>21</b>	<b>31</b>	<b>2</b>	<b>98</b>

### New Projects 2018-19

#### Assets Program

##### Assets

- AAM6143 Prolonging the Life of Assets under Increasing Demand
- AAM6144 Sustainable Roads Through Fit for Purpose Use of Available Materials
- AAM6165 Improve Asset Management, Safety and Project Efficiencies Through Balanced Telecommunications Legislation Changes (White Paper)

##### Bridge Technology

- ABT6111 Bridge Assessment Beyond AS5100 Deterministic Methodology

##### Pavement Technology

- APT6157 Maximising the Use of Sustainable Rehabilitation Treatments
- APT6150 Standards Australia – Bitumen and Related Materials for Roads
- APT6158 Improving the Cost Effectiveness of Asphalt Surfaced Gravel Roads

##### Road Tunnels

- ART6122 Dangerous Goods in Tunnels – Stage 2 – Towards Implementation of Risk Assessment Process

## **Connected and Automated Vehicles (CAV) Program**

- CAV 6119 Pavement Markings for Machine Vision
- CAV6138 Integrating Advanced Driver Assistance Systems in Driver Education

## **Network Program**

### *Network*

- NEG6114 Improving the reliability of Heavy Vehicle Parameters to support more accurate traffic modelling in Australia / New Zealand
- NEG6019 National ITS Architecture and Framework (NIA/F) – Stage 3: National Content and Governance
- NEG6120 Building Transport Modelling Management Capability in Australasian Road and Transport Agencies
- NEG6121 Security Vulnerability of Existing Intelligent Transportation Systems and Electrical Devices

### *Freight*

- NEF6113 Harmonisation of Measurement and Mass Assessment Procedures for Special Purpose Vehicles (SPVS) in Australasia
- NEF6116 Exploration of Heavy Freight Vehicle Dimensions: productivity, safety and other considerations
- NEF6133 Investigation and Development of Bridge Formulae for Inclusion in the Performance Based Standards Network Classification Guidelines

### *Traffic Management*

- NTM6118 Updating Austroads pedestrian planning and design guidance in line with international good practice

## **Safety Program**

### *Road Safety*

- SAG6126 An Australian Drink Driving Policy and Regulatory Framework
- SAG6127 Local Government Guidance Document and Webinars
- SAG6129 National View on Regional and Remote Road Safety
- SAG6130 Integrating Safe Systems with Movement and Place for Vulnerable Road Users
- SAG6132 A National Approach to Measuring Non Fatal Crash Outcomes – Stage 2
- SAG6145 Review of the Guide to Road Safety and Structure for Online Access

### *Registration and Licensing*

- SRL6134 Overseas Driver Licensing Policy Review
- SRL6140 National Heavy Vehicle Driver Competency Framework Stage 2 Implementation Guidance

### *Road Design*

- SRD6107 Update to the Guide to Road Design Parts 1, 2 and 8 and Minor Updates to Other Parts (for example part 6)
- SRD6108 Road Cross Section Design for Road Stereotypes – Review of Use in Corridor Safety Planning, Update Research Based on Operational Learnings

## National Exchange of Vehicle and Driver Information System (NEVDIS)

NEVDIS collects, collates and distributes vehicle, licence, and registration data on behalf of the eight State and Territory road authorities and the Australian Criminal Intelligence Commission. It services 135 million+ transactions each year. Major projects are progressing well including:

- The National Heavy Vehicle Registration System was successfully delivered for the NHVR on 1 July 2018, on time and on budget.
- The NEVDIS Re-platform project is progressing well with a number of activities running in parallel. All current NEVDIS services remain on the existing platform until end to end testing can be performed by NEVDIS followed by User Acceptance Testing by the Road Authorities.
- The NEVDIS Re-write project is well in to the development phase. The project scope has been extended to include the delivery of Data Warehousing capabilities which will facilitate the development of new Analytics and Historical data capabilities and services.

## Austrroads Awards

Austrroads awards recognise the contribution of individuals to the work of Austrroads. The awards are important because Austrroads' success relies on the efforts of member organisation staff who take on projects in addition to their regular day-to-day work. Board members were very impressed with the calibre of nominees for 2017-18 and all nominations were endorsed.

Awards for work undertaken in 2017-18 are to be presented to:

### Outstanding Service

<b>Assets Program</b>	John Esnouf (VicRoads)	
<b>CAV Program</b>	Philip Blake (ex DPTI SA)	Stuart Ballingall (VicRoads)
<b>Safety Program</b>	Daniel Cassar (VicRoads)	

### Special Commendation

<b>Safety Program</b>	Richard Fanning (VicRoads)	James Hughes (NZTA)
	Colin Brodie (NZTA)	Peter Ellis (RMS NSW)

### Achievement

<b>Assets Program</b>	Nigel Casey (RMS NSW)	Mick Savage (IPWEA)
	Ron Koorengevel (MRWA),	Mahes Rajakaruna (MRWA)
	Graham Hobbs (TMR QLD)	Mandi Mees (NTC – ex Roads Australia)
	Andrew Papacostas (VicRoads)	Mike Pickering (TMR QLD)
	Shane Tepper (DIPL NT)	
<b>Network Program</b>	Kamal Weeratunga (MRWA)	Jason Venz (TMR QLD)
	Pawel Potapowicz (Canberra City Services ACT)	Dave Landmark (MRWA)
	Warwick Norton (NHVR)	Cameron Lee (VicRoads)
	Natalie Lockwood (Austrroads)	Iain McAuley (NZTA)
	Thang Nguyen (TfNSW)	Chris Ray (RMS NSW)
	Christian Chong-White (RMS NSW)	Peter Frauenfelder (Transport for Victoria)
	Glenn Bunting (NZTA)	
<b>Safety Program</b>	Geoff Hughes (NMVTRC)	

## Next Austrroads Meeting

The next Austrroads Board meeting will be held on Thursday 22 November 2018 in Brisbane, Queensland.