The Austroads Board met on 22 June in Brisbane. Gary Liddle, Austroads Chairman and Chief Executive of VicRoads chaired the meeting.

Strategic Planning

The Austroads Strategic Plan for 2012–16 has been finalised and is available on the Austroads website. In conjunction with the commencement of the new plan in July Austroads members will be invited to review their representation on all Austroads task forces and working groups. The national office will be writing to members in the next couple of weeks. As part of the Strategic Plan performance measures a range of surveys will be undertaken in coming months on various aspects of Austroads performance. These will be reported to the next Board meeting.

NTC Review

A review is being undertaken of the National Transport Commission (NTC) in the context of the emerging roles of the National Heavy Vehicle Regulator and the National Rail Safety Regulator. The review has a second part which will review the role of Austroads, ARRB Group, Transport Certification Australia and the Rail Industry Safety Standards Board. The review is to examine the collaborative and consultative mechanisms between the national transport regulators and these bodies and their role in support of the requirements of the Standing Council on Transport and Infrastructure (SCOTI). It is to include an assessment across the bodies as to whether enhancements can be made to improve clarity of relevant roles, functions and delivery arrangements. A Scoping Paper has been prepared and circulated early in June inviting submissions by 29 June.

Austroads will make a submission which explains the nature of Austroads, how it relates to the SCOTI agenda, the relationship with NTC and the anticipated relationship with the new National Heavy Vehicle Regulator. It will also indicate Austroads preparedness to take on additional functions if there is to be some restructuring as Austroads offers a well established and successful mechanism for undertaking projects and research assignments and for collaboration generally across jurisdictions.

Network Operating Plans

Andrew Wall, Manager Network Operations with VicRoads, made a presentation on Network Operating Plans, a decision making framework developed and implemented by VicRoads over the past few years. A copy of the presentation will be circulated to Board members.

Cooperative ITS

Stuart Ballingall, the recently appointed Cooperative ITS Project Director, made a presentation on the work being undertaken on this topic. A copy of the presentation will be circulated to Board members.

Performance measures for the Partnership Agreement between Austroads and ARRB

Performance measures for the Austroads ARRB Partnership Agreement were agreed. There are twelve measures across four areas: capacity, project management, technical competence and professional development and business benefit.
Approval of the work program for 2012-13

The Board approved a comprehensive work program for 2012-13. The projects which were approved for 2012-13 are shown in Attachment A.

Progress with the work program for 2011-12

Project status as at 31 May was:

<table>
<thead>
<tr>
<th>Program</th>
<th>Active</th>
<th>Completed/deferred</th>
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<td>Assets</td>
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<td>21</td>
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<td>Capability</td>
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<tr>
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<td>14</td>
<td>7</td>
<td>21</td>
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<td>R&amp;L</td>
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<td>6</td>
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<tr>
<td>Safety</td>
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<tr>
<td>Technology</td>
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<td>45</td>
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<td><strong>Total</strong></td>
<td><strong>97</strong></td>
<td><strong>40</strong></td>
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Details of the projects in the 2011-12 work program are available on the Austroads website.

Reports

Austroads 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

Future meetings

The next Austroads Board meeting will be in Adelaide on 15 November 2012.
### ASSETS

#### CONTINUING PROJECTS 2012-13

<table>
<thead>
<tr>
<th>No</th>
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<tbody>
<tr>
<td>AT1064</td>
<td>Long-Term Performance Monitoring to Develop Consistent Performance Models</td>
</tr>
<tr>
<td>AT1484</td>
<td>Review of standard methods for measuring road condition</td>
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<td>AT1490</td>
<td>Improving the estimation of the cost of accelerated road wear due to possible increases in axle mass limits</td>
</tr>
<tr>
<td>AT1534</td>
<td>Management of Road Assets (including electrical and electronic)</td>
</tr>
<tr>
<td>AT1536</td>
<td>Good Practice Reseal Management</td>
</tr>
<tr>
<td>AT1537</td>
<td>Bridge Management through Performance Models</td>
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<tr>
<td>AT1539</td>
<td>Application of New Technologies to Improve Risk Management</td>
</tr>
<tr>
<td>AT1540</td>
<td>Understanding the impact on pavement surfaces from next generation freight vehicles and developing practical network prediction models and responses</td>
</tr>
<tr>
<td>AT1612</td>
<td>Future Availability &amp; Increasing Cost of Bitumen or Alternative Surfacing Binders</td>
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<tr>
<td>AT1693</td>
<td>Using Financial Data in Asset Management Decision Making</td>
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<tr>
<td>AT1730</td>
<td>Benefits and Risks of Investing in Network Level Deflection Data Collection</td>
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#### NEW PROJECTS 2012-13

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<tr>
<td>AT1732</td>
<td>Defining asset management LOS requirements for freight on rural arterial roads</td>
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<tr>
<td>AT1733</td>
<td>Analysing dynamic wheel loading and its Effects on the Network</td>
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<tr>
<td>AT1734</td>
<td>Deploy and Refine the road wear modelling methodologies</td>
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<tr>
<td>AT1736</td>
<td>Economics of Materials Availability and Recycling</td>
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<tr>
<td>AP1739*</td>
<td>Update the Austroads Guide to Asset Management – Part 5A Inventory</td>
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<td>AP1740*</td>
<td>Update the Austroads Guide to Asset Management – Part 5F Skid Resistance</td>
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<td>AP1741*</td>
<td>Update the Austroads Guide to Asset Management – Part 7 Road Related Assets</td>
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### FREIGHT

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<td>FS1703</td>
<td>Light freight – understanding its role in urban logistics</td>
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#### NEW PROJECTS 2012-13

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<tr>
<td>FS1804</td>
<td>Review of PBS standards for Level 3 and Level 4 vehicles</td>
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<td>FS1805</td>
<td>Quantification of benefits resulting from use of High Productivity Vehicles</td>
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<tr>
<td>FS1807</td>
<td>Best practice guidelines for planning and development of industrial estates in Local Government areas</td>
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<td>FS1808</td>
<td>Moving freight in emergent situations</td>
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<td>FS1812</td>
<td>Use of Auxiliary Brakes in Heavy Vehicles</td>
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# NETWORK

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<tr>
<td>NS1697</td>
<td>Development of ITS Architecture (Stage 2) - Logical Architecture</td>
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<td>NT1789</td>
<td>Development of Guide Content on Managed Motorways</td>
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## NEW PROJECTS 2012-13

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<tr>
<td>NS1780</td>
<td>Urban Cycling Infrastructure Design Resource</td>
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<td>NS1781</td>
<td>Cost Benefit Analysis for Cycling Infrastructure</td>
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<td>NS1785**</td>
<td>Cooperative ITS (Stage 2)</td>
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<td>NS1790</td>
<td>NBN Coordination</td>
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<td>NT1589</td>
<td>Operational Management of Arterial / Motorway Interfaces for Network Optimisation</td>
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<tr>
<td>NT1782</td>
<td>Ability to absorb information through electronic and static signs</td>
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<td>NT1786</td>
<td>Guide to Traffic Management – Parts 1, 2 and 13: Minor Guide Review</td>
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<td>NT1787</td>
<td>Harmonisation of Practices</td>
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<td>NT1788</td>
<td>Level of Service Metric</td>
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<td>NT1792</td>
<td>Cycling Aspects of Austroads Guides Review</td>
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<td>NT1795</td>
<td>Guide to Traffic Management – Part 4: Minor Guide Review</td>
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<td>NT1796</td>
<td>Guide to Traffic Management – Part 5: Guide Review</td>
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<td>NT1797</td>
<td>Guide to Traffic Management – Part 7: Minor Guide Review</td>
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<td>NT1798**</td>
<td>Guide to Traffic Management – Part 8 Guide Review</td>
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<td>NT1800**</td>
<td>Guide to Traffic Management – Part 11 Guide Review</td>
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<td>NT1802</td>
<td>Procurement of ITS (international practice)</td>
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<td>NT1803</td>
<td>Development of Product Acceptance Techniques for Network Devices</td>
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## REGISTRATION & LICENSING

## CONTINUING PROJECTS 2012-13

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<td>RS1731</td>
<td>National Alternative Vehicle Policy Framework - Power Assisted Pedal Cycles (PAPCs)</td>
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<td>Access to Driver Licence Information</td>
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<td>Strategic Direction for NEVDIS</td>
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<td>RO1749N</td>
<td>Review of NEVDIS Participation Agreement</td>
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<tr>
<td>RS1743</td>
<td>Managing Long Stay Temporary Overseas Licence Holders in Australia</td>
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<td>RS1744</td>
<td>Indigenous Licensing – being assessed to obtain a learner licence</td>
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<td>RS1745</td>
<td>Indigenous Licensing - Tracking Forward to a Provisional Licence</td>
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<tr>
<td>RS1746</td>
<td>Development of Electronic Logbook Standards for Learner Drivers</td>
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<td>RS1852</td>
<td>Investigation of Levers Which Influence People's Choice of Vehicle</td>
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### SAFETY

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<td>SP1705</td>
<td>Recommended Safe System Practice Amendments to the Guide to Road Design</td>
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<td>SS1494</td>
<td>Road crash injuries - cost and prevention</td>
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<td>SS1710</td>
<td>Motorcycle in-depth crash study</td>
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<td>ST1706</td>
<td>National Guidelines for Setting Speed Limits at Higher-Risk Locations</td>
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#### NEW PROJECTS 2012-13

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<tr>
<td>SS1753</td>
<td>Review of BAC limits in Australia and New Zealand</td>
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<td>SS1754</td>
<td>Options to extend coverage of alcohol interlock programs</td>
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<td>Development of a model safety management system</td>
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<td>SS1756</td>
<td>Options for rehabilitation in interlock programs</td>
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<td>SS1757</td>
<td>Best practice interventions for high risk and repeat traffic offenders</td>
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<td>ST1759*</td>
<td>Development of Good Practice Enforcement Guidelines</td>
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<td>ST1761</td>
<td>Improving safety for disadvantaged groups</td>
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<td>ST1762</td>
<td>Towards the Harmonisation of Best Practice Speed Limits</td>
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<td>ST1763</td>
<td>Crash Analysis – Australian and New Zealand data</td>
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<td>Investigation of Key Crashes Types – Head-on and Run-off-road crashes in urban areas</td>
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<td>Safe system in the Planning Process</td>
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<td>ST1767</td>
<td>Improving the Performance of Safe System Infrastructure</td>
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<td>ST1768</td>
<td>Achieving Safe System Speeds on Urban Arterial Roads</td>
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<td>ST1769</td>
<td>Safe System Roads for Local Government</td>
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<td>ST1771</td>
<td>Road Safety Audit &amp; Road Safety Engineering Toolkit – Further development &amp; website maintenance</td>
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<td>Revision of Austroads Guide to Road Safety- Part 6: Road Safety Audit</td>
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<td>ST1776</td>
<td>Revision of Austroads Guide to Road Safety- Part 8: Treatment of Crash Locations</td>
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<td>ST1863</td>
<td>Development of a Detection and Advanced Warning System for at-risk Heavy Commercial Vehicles on Steep Descents</td>
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#### TECHNOLOGY

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<td>Harmonisation of General Conditions of Contract</td>
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<td>TS1543</td>
<td>Road geometry study for improved rural safety – Stage 1</td>
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<td>TS1606</td>
<td>Standardise Drawing Presentation</td>
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<td>TS1607</td>
<td>Road design for heavy vehicles</td>
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<td>TP1668</td>
<td>Review Guide to Road Design Part 6: Roadside Design, Safety and Barriers</td>
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<td>TP1681</td>
<td>Review of BAG Guidelines for Bridge Load Capacity Assessment 1997</td>
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<td>TP1718</td>
<td>Update to the Guide to Road Design – Part 4</td>
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<td>Asphalt Properties and Mix Design Procedures</td>
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<td>Standardise Bridge Barrier Designs</td>
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<td>Cemented Materials Characterisation</td>
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<td>Polymer Modified Binder Sprayed Seal Trials</td>
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<td>Review of existing CPEE distance learning unit - Pavement Wearing Surfaces</td>
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<td>TS1712**</td>
<td>Valuing Travel Time Savings for Freight in Australia</td>
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<td>TS1834</td>
<td>Realising 100 year design life in an aggressive environment</td>
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<td>TS1835</td>
<td>Specification and use of geopolymer concrete in the manufacture of structural and non-structural components</td>
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<td>TS1837</td>
<td>Improved Deterioration Models, Predictive Tools and Costs</td>
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<td>TS1843</td>
<td>Grade Corrected Acceleration Lengths for Motorway Entrance Ramps</td>
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<td>National Prequalification System - Additional Specialist Categories</td>
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<td>Updating Externalities Unit Values</td>
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<td>Guide to Road Design - Revision of Part 1 Introduction to Road Design and Part 2 Design Considerations</td>
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<td>Review of Guide to Road Design Part 6A - Pedestrians and Cyclist Paths</td>
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<td>TT1816</td>
<td>Revision of Guide to Pavement Technology Part 3, 4C, 4D and 4E</td>
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<td>Review of Guide to Pavement Technology Part 4F</td>
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<td>TT1846**</td>
<td>Review of Guide to Road Design Part 6A - Pedestrians and Cyclist Paths</td>
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<td>TT1817</td>
<td>Maximising the use of reclaimed asphalt pavement in asphalt mix design</td>
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<td>TT1818</td>
<td>Development and validation of a new long-term aging test for bitumens and PMBs</td>
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<td>Characterisation and performance evaluation of granular bases</td>
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<td>Maximising the performance of sprayed seals</td>
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<td>TT1824</td>
<td>Strategic Review of Pavement Design Practice</td>
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<td>TT1823</td>
<td>Binder characterisation properties for enhanced performance</td>
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<td>TT1825</td>
<td>Mix design and field evaluation of foamed bitumen stabilised pavements</td>
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<td>Improved design procedures for asphalt pavements</td>
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<td>Review of Guide to Pavement Technology Part 4B</td>
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<tr>
<td>TT1881</td>
<td>Investigating Key Performance Measures and Predictions on Unsealed Roads</td>
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* Approved subject to DoIT funding commitment
** Full funding subject to DoIT funding commitment