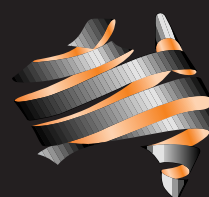


Austroads

Annual Report 2004-05



Austroads
promoting improved road transport outcomes



Austroads Annual Report 2004-05

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Designed and typeset by Julieann Humphrey

Austroads

Austroads is the association of Australian and New Zealand road transport and traffic authorities whose purpose is to contribute to the achievement of improved Australian and New Zealand road transport outcomes by:

- undertaking nationally strategic research on behalf of Australasian road agencies and communicating outcomes
- promoting improved practice by Australasian road agencies
- facilitating collaboration between road agencies to avoid duplication
- promoting harmonisation, consistency and uniformity in road and related operations
- providing expert advice to the Australian Transport Council and the Standing Committee on Transport.



Austroads membership

Austroads membership comprises the six state and two territory road transport and traffic authorities and the Australian Department of Transport and Regional Services, the Australian Local Government Association and Transit New Zealand. It is governed by a Council consisting of the chief executive officer (or an alternative senior executive officer) of each of its eleven member organisations:

- Roads and Traffic Authority New South Wales
- Roads Corporation Victoria (VicRoads)
- Department of Main Roads Queensland
- Main Roads Western Australia
- Department for Transport, Energy and Infrastructure South Australia
- Department of Infrastructure, Energy and Resources Tasmania
- Department of Planning and Infrastructure Northern Territory
- Department of Urban Services Australian Capital Territory
- Australian Department of Transport and Regional Services
- Australian Local Government Association
- Transit New Zealand

The success of Austroads is derived from the collaboration of member organisations and others in the road industry. It aims to be the Australasian leader in providing high quality information, advice and fostering research in the road sector.

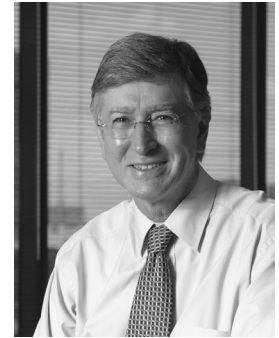
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Chairman's Message

Austroads aims to be the Australasian leader in providing high quality information, advice and fostering research in the road sector. We have continued to work towards that aim in the past twelve months.

In our last report we outlined the development of a new strategic plan covering the period 2004–07. The strategic plan provided an outline of the work to be undertaken in the three year period. This 2004-05 report covers the first year of the implementation of that new strategic plan. I am pleased to report that we have made good progress. Work has commenced on most of the specific actions proposed and a number of significant actions have already been completed. In total, 49 projects have been completed and 37 new or revised high quality guides and research reports have been published.



The transfer of knowledge generated through Austroads' work is fundamental to the operation of Austroads. In November 2004 Austroads launched its new publications website. Users can access over 400 publications including guides and research reports which assist road agencies in the planning, design, construction, maintenance, operation and stewardship of roads.

This new website has been a great success. Awareness and use of Austroads publications has increased. It will also assist in achieving greater consistency in practice between different jurisdictions.

Austroads operates on a decentralised model with much of the work undertaken by the staff of member organisations. Austroads work is divided into six program areas with each managed by a senior executive from a member organisation.

On behalf of the Austroads Council I acknowledge the work of all Austroads program managers and support staff, project managers and participants in jurisdictional forums, who have contributed to the success of the Austroads program. Without their support and commitment Austroads would not be able to achieve its current and future outputs.

During the year there were a number of changes to Austroads program managers. I would also like to express my thanks particularly to four people who for different reasons finished their involvement as program managers during the period. They are; Sean Kennedy (Freight); David Rolland (Registration and Licensing); Andrew Hearn (Safety) and Peter Balfe (Technology). I thank all of them for their significant contributions to their respective programs.

We will continue to work towards promoting improved transport outcomes for our members and the community during the next twelve months.

A handwritten signature in black ink, appearing to read 'P. Forward', followed by a period.

Chairman

Paul Forward, Chief Executive
Roads and Traffic Authority New South Wales



Highlights from 2004-05

- **Publications website**

Austroads launched a new publications website accessible via www.austroads.com.au. The new publications website is easy to use and contains all Austroads publications. Visitors to the website can access over 400 publications including; guides and research reports.

- **Guide to Project Evaluation**

A significant milestone is the substantial completion of the Austroads Guide to Project Evaluation which is the first of the new Guides to appear on the Austroads publications website. The eight parts of the Guide assemble knowledge on project evaluation methods, parameters and tools into a readily available and accessible resource for planners and decision-makers. Parts 1 to 7 have been completed.

- **Pavement Technology**

Two major publications in this subject area were released.

- Pavement Design - A Guide to the Structural Design of Road Pavements
This guide is intended to assist those required to plan and design new pavements.

- Pavement Rehabilitation - A Guide to the Design of Rehabilitation Treatments for Road Pavements
This Guide provides advice for the investigation of existing sealed road pavements and the selection and design of pavement rehabilitation strategies/treatments.

- **Improved access to local government**

In conjunction with the establishment of the new publications website, free access to electronic format of all Austroads publications was made available to all Australian councils. This will be extended to New Zealand local authorities in 2005-06.

- **Intelligent Access**

The Austroads work on Intelligent Access has been successfully completed. There has been a commitment from jurisdictions to move to a national certification and audit for intelligent access service providers. A new entity, Transport Certification Australia Limited is being established for this purpose.

- **World Road Association**

Austroads continues to work closely with the World Road Association (PIARC), with strong representation on technical committees and an officer secondment arrangement to the PIARC secretariat.



Structure and Programs

Governance

Austroads is governed by a Council consisting of the chief executive (or alternative senior executive officer) from each member organisation. The Council meets three times a year. During 2004-05 the Council met in October 2004, April and July 2005. The Austroads national office provides secretariat support to the Council.

Operational model

Austroads' operations are heavily dependent on the utilisation of staff and other resources of member organisations to undertake or manage a significant part of the work. The benefits of this operational model are that it:

- provides opportunities for the staff of member organisations to participate in the operation of Austroads and the development and delivery of projects
- promotes professional development for staff of member organisations
- encourages a collegiate, collaborative approach
- facilitates a high level of consistency across jurisdictions
- creates opportunities for networking and information exchange between staff of road agencies.

Member Organisations	Council Members (as at 30 June 2005)
Roads and Traffic Authority New South Wales	Paul Forward, Chief Executive
Roads Corporation Victoria (VicRoads)	David Anderson, Chief Executive
Department of Main Roads Queensland	Alan Tesch, Acting Director-General
Main Roads Western Australia	Menno Henneveld, Commissioner
Department for Transport, Energy and Infrastructure South Australia	Flett Steele, Director, Metropolitan Operations
Department of Infrastructure, Energy and Resources Tasmania	Peter Douglas, General Manager, Roads and Public Transport
Department of Planning and Infrastructure Northern Territory	Chris Bigg, Executive Director, Transport & Infrastructure
Department of Urban Services Australian Capital Territory	Hamish McNulty, Executive Director, City Management
Australian Department of Transport and Regional Services	John Doherty, First Assistant Secretary, Transport and Local Government Programmes
Australian Local Government Association	Ian Chalmers, Chief Executive
Transit New Zealand	Rick van Barneveld, Chief Executive

Observer Organisations	Representatives
ARRB Group Ltd	Gerard Waldron, Managing Director
National Transport Commission	Tony Wilson, Chief Executive
Bureau of Transport and Regional Economics	Phil Potterton, Executive Director
Department of Transport, Papua New Guinea	Henry Parakei, Secretary

National Office	Staff
Murray Kidnie	Executive Director
David Francis	Manager, Program Support
Julieann Humphrey	Communications Manager
Judi Sorbie	Office Manager
Jeannie Sanoo	Finance Officer

Program structure

Austroads work is divided into major areas, called programs, to make it more manageable and to share the work amongst Austroads member organisations. The program structure has six programs; five of the programs align with the strategic research priorities identified in the Austroads strategic plan, namely asset management, freight, network, registration and licensing and road safety. The sixth program, Technology, covers the production of guides in those areas not covered by other programs.

The programs, their objectives and the designated program manager and their organisation are as follows:

Program	Objective	Program Manager	Organisation
Assets	Minimising whole of life cost of road assets	Gary Norwell	MR WA
Freight	Addressing the future freight task	John Dudgeon	DMR Qld
Network	Optimising utilisation of the network	Dennis Walsh	DMR Qld
Registration and Licensing	Improving the security and integrity of registration and licensing systems and promoting national consistency	Michael Bushby	RTA NSW
Safety	Improving road safety	Bill Frith	MoT NZ
Technology	Promoting improved practice in technology	Gary Liddle	VicRoads

Program managers

Each program is managed by a program manager who is a senior officer from a member or related organisation. Program managers are responsible to the Austroads Council for the development of project proposals, oversight of project delivery and reporting on the performance of their program. They work on Austroads activities for a proportion of their time in addition to their regular responsibilities. This is formally recognised in an agreement between Austroads, their chief executive and themselves. Austroads does not reimburse the member or related organisation for the time the program manager spends on Austroads activities, but contributes towards the cost of a support person for the program manager and to the direct program costs such as travel and accommodation.

Jurisdictional forums

An important aspect of Austroads' operation is the facilitation of jurisdictional forums, with representatives of member organisations or the responsible organisation in the jurisdiction to promote a collaborative approach to Austroads work and to draw on the expertise of the staff of various organisations. These forums also provide a valuable opportunity for the participants to share information and knowledge. The membership, as at 30 June 2005, of each task force and review panel is shown in the relevant program sections of this report.

Task forces

A task force has been established for each of the five programs aligned with a strategic priority. The role of each task force is to:

- develop the identified areas of interest into a program of research to be undertaken
- develop specific project proposals from the program of research and ensure their relevance to Austroads member and related organisations
- identify suitable project managers from member organisations and oversight the conduct of projects
- encourage member organisations to provide appropriate and timely inputs into projects and ensure that member organisations' concerns and views are adequately addressed
- champion the dissemination of the results of projects and research to road agencies and related organisations
- provide a forum for the exchange of information between Austroads member and related organisations.

Task force membership is made up of senior staff from the relevant area of member organisations. In general, the membership is limited to representatives of member organisations except in the case of the Safety and Registration and Licensing programs, where task force members may be from the responsible organisation in those jurisdictions where the road agency does not have responsibility for those functions. External stakeholders are engaged in accordance with a strategy developed by the task force.

Task forces meet two or three times a year to develop projects and review progress on approved projects.

Review panels

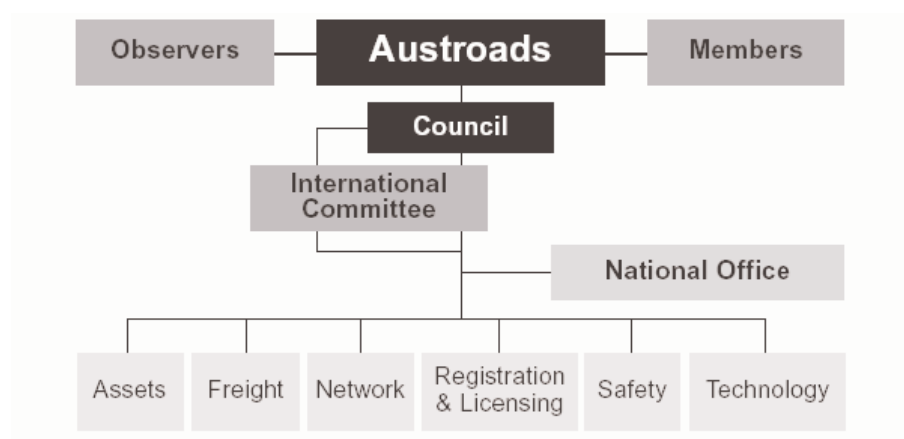
Review panels have been established to oversight the development of each publication series. In the case of the Safety and Asset programs this function is performed by the relevant task force. The membership of review panels comprises representatives of member organisations. External stakeholders may also be included.

Intelligent Access Program

In addition to the six program areas there has been an Intelligent Access Program (IAP) dealing with the application of vehicle telematics to monitor compliance. The IAP is managed by a steering committee chaired by a Council member who reports to the Austroads Council. The Austroads stewardship of the IAP concluded on 30 June 2005.

Austroads structure

As at 1 July 2005





Assets

Program Manager

Gary Norwell
Executive Director - Technology & Environment
Main Roads Western Australia

Program Support

Kathy Martin
Asset Management Planning and Policy Manager



Program overview

The program focuses on the following streams:

- optimal levels of service
- road user requirements
- monitoring and performance reporting.

The Assets program is supported by a task force comprising senior staff from the relevant areas of Austroads member and observer organisations. The primary objective of the task force is to develop and deliver a program of research that will assist road and transport agencies in their efforts to minimise the whole of life cost of road infrastructure assets.

An additional major responsibility for the Assets task force is to act as a review panel to promote best practice in asset management through the development and maintenance of the Austroads Guide to Asset Management.

Achievements 2004-05

The Assets program has developed a significant and structured research program comprising projects which address the assets strategy, projects to develop a Guide to Asset Management and projects of a long term nature under the technical research program.

In 2004-05, the Assets program completed 13 projects:

- Consistency in Bridge Condition Indices
- Develop National Data Set for Bridge Inventory and Condition
- Bridge Management Systems - Network Performance Models
- Evaluation of two Business Systems Projects
- Consistency of Data on Traffic Loading and Traffic Mix
- Valuation of Road Infrastructure - Stage 2
- Road Condition Monitoring Guidelines
- Benefit Cost Ratio for Use in Maintenance Evaluation
- Harmonisation of Road User Cost Models
- Improved Prediction for Resealing Intervention

- Guidelines for Minimising Friction Related Crashes on Road Networks
- Guidelines for Road Network Condition Monitoring - Parts 3 (Pavement Strength) and 4 (Pavement Cracking)
- Effects of Sealed Shoulders and Overtaking Lanes on Road User Costs.

The Assets program held the following workshops and tours during 2004-05:

- Developments in Road Condition Data Collection - a workshop was held as part of the 6th International Conference on Managing Pavements.
- Management of Road Surface Skid Resistance - a successful series of 18 workshops were held to disseminate the Austrorads Guidelines for the Management of Road Surface Skid Resistance.
- AASHTO Asset Management - a scanning tour was hosted in April 2005. VicRoads, RTA NSW, DMR Qld and Transit NZ welcomed members of the US scan team on Asset Management. The 12 members of the team visited Australia as part of a two week world study of Asset Management in Canada, New Zealand, Australia and UK.

Ongoing projects

The Assets program currently focuses on the research, development and completion of the following ongoing work areas:

Publication projects

- Guide to Asset Management:
 - Introduction to Asset Management
 - Part 5a: Pavement Inventory, Condition Monitoring and Performance Modelling
 - Part 5b: Bridge Condition Monitoring.

Strategic research projects

- Asset Management Tools for Unsealed Roads
- Framework for Road Maintenance Intervention Standards and Response Times
- Quantifying Community Expectations of Levels of Service on Road Networks
- Consistency in Approaches to Road Asset Investment Analysis.

Technical research projects

- Standardised Measurement of Road Condition
- Intervention Standards and Cost Models
- Maintenance Techniques to Reduce Social and Environmental Impacts
- Long Term Performance Monitoring to Develop Consistent Performance Models
- Establish Network Performance Profiles, Identify Under Performing Pavements and Establish Contributory Causes
- Management of Skid Resistance.

Future directions

A number of new projects designed to build on the strategic themes of optimal levels of service, road user requirements and monitoring and performance reporting, have been identified and are proposed to be undertaken over the period 2005-06 and 2006-07. These research areas include:

- Road Use Data - Harmonisation of Collection, Reporting and Access
- Communicating Strategic Decisions to Stakeholders
- Customer Expectations and Willingness to Pay
- Asset Replacement, Rehabilitation and Maintenance Treatments
- Guide to Asset Management Publications Series:
 - Part 2: Stakeholder/Community Requirements
 - Part 3: Asset Strategies
 - Part 4: Program Development and Implementation
 - Part 5: Asset Performance: this includes Pavement Condition Monitoring, Inventory and Performance Modelling Guidelines - (continuation of work commenced in 2004-05)
 - Part 6: Asset Valuation and Auditing.

During 2004-05 Austroads Council agreed to a new technical research program as a component of the Assets program and some of the original strategic research projects were subsumed into the technical research program. Four new project proposals were developed for the 2005-06 technical research program, which will enable longer term research into the following Asset Management issues:

- Service Life of Pavements
- Management of Road Surface Characteristics
- Managing the Impacts of Rising Water Tables and Salinity on Remaining Pavement Life
- Impact of PBS Vertical Loading Standard at the Network Level (following work to be completed in the first instance by the Technology program).

In addition, the Assets technical research program incorporates a number of ongoing projects aimed at improving the base knowledge about pavement performance:

- Long Term Performance Monitoring to Develop Consistent Performance Models
- Establishment of Network Performance Profiles, Identification of Under Performing Pavements and Establishment of Contributory Causes.

Assets task force

Gary Norwell (Chair)	Main Roads Western Australia
Geoff Clarke	Australian Department of Transport and Regional Services
Scott Cooper	Department for Transport, Energy and Infrastructure South Australia
Renny Duckett	Department of Infrastructure, Energy and Resources Tasmania
Ian Hickson	Department of Urban Services Australian Capital Territory
Peter Leyden	National Transport Commission
Mark Owen	Transit New Zealand
Bob Peters	Main Roads Western Australia
Ian Reeves	Department of Main Roads Queensland
Ken Russell	VicRoads
Bob Sharpe	Roads and Transport Authority New South Wales
Ernie Wanka	Department of Planning and Infrastructure Northern Territory



Freight

Program Manager

John Dudgeon
Director, Network Planning and Policy Branch
Department of Main Roads Queensland

Program Support

Russell Ingham
Program Advisor (Austroads Freight)



Program overview

The program focuses on the following streams:

- community attitudes
- network utilisation
- infrastructure investment
- data and forecasting
- compliance and enforcement.

The Freight program is supported by a task force comprising senior staff from the relevant areas of Austroads member, observer and stakeholder organisations. The primary objective of the task force is to develop and deliver a program of research that will assist road and transport agencies in their efforts to address the future freight task. The work of the freight task force is undertaken in the context of an increasing freight demand as the Australian, New Zealand and world economies grow, changed funding and regulatory arrangements for road and rail infrastructure, a recognised need for better integration of the road and other transport modes and changing international standards for freight movement and heavy vehicle manufacture.

Until April 2005 the Freight program was managed by Sean Kennedy of the Roads and Traffic Authority of New South Wales.

Achievements 2004-05

In 2004-05, the Freight program completed the following project:

- Heavy Vehicle Access Management Workshop - this national workshop was held in conjunction with the fourth Freight task force meeting in Melbourne, February 2005. Austroads and the National Transport Commission (NTC) jointly hosted the workshop to discuss practices in managing access (performance based standards, intelligent access, notices, permits) and consider options available to harmonise access management practices and procedures across jurisdictions.

Compliance and enforcement

The compliance and enforcement guidelines projects deal with the management of dimensions, load restraint, the application of powers along the chain of responsibility and the development of codes of practice for heavy vehicle operators. The most important feature of the management of the compliance and enforcement projects has been a concerted and persistent emphasis on consultation and transparency and to negotiate national consistency as far as practicable.

During the second half of 2004, the Freight program continued to progress the compliance and enforcement series of projects with three of the projects now at the final endorsement stage. These projects will provide best practice guidelines to support the consistent implementation of the Compliance and Enforcement Bill currently being finalised by the NTC.

Ongoing projects

The Freight program currently focuses on the research, development and completion of the following ongoing work areas:

Strategic research projects

- Community Attitudes to Road Freight Vehicles - Behavioural Research
- Vehicle Environmental Standards for Night Time Operations
- Guidelines for Identifying, Assessing and Managing the Environmental Impacts Arising from Trucks Using Metropolitan Road Links
- Review of Freight Data Collection and Generation Procedures and Opportunities (Scoping Project)
- Guidelines for the Practical Application of New Chain of Responsibility Provisions
- Guidelines for the Content, Development, Approval and the Use of Industry Codes of Practice
- Integration and Application of Compliance and Enforcement Guidelines
- ITS Technologies for Metropolitan Freight Vehicle Operations
- Community Attitudes to Road Freight Vehicles
- Use of Temporal Spare Capacity on Metropolitan Networks
- Guidelines for the Assessment of the Severity of Breaches of the Load Restraint Standards.

Future directions

A new project, designed to build on the strategic theme, data and forecasting has been identified and is proposed to be undertaken over the period 2005-06:

- Freight Forecasting and Analysis - Scoping Study.

Freight task force

John Dudgeon (Chair)	Department of Main Roads Queensland
David Ball	Queensland Transport
John Bessell	Department of Infrastructure, Energy and Resources Tasmania
Lloyd Binks	Australian Department of Transport and Regional Services
Don Hogben	VicRoads
Justin McGuire	Roads and Traffic Authority New South Wales
Lindsay Oxlad	Department for Transport, Energy and Infrastructure South Australia
Alex Rae	Department of Planning and Infrastructure Northern Territory
Paul Salter	National Transport Commission
Lynn Sleath	Transit New Zealand
Mark Walker	Main Roads Western Australia



Network

Program Manager

Dennis Walsh
Director - Network Operations and Performance
Department of Main Roads Queensland

Program Support

Philip Rankine
Principal Advisor (Austroads)



Program overview

The program focuses on the following streams:

- Operational performance
 - identification of best practice in the optimisation and measurement of traffic performance considering all categories of road users
 - research the use of new technological developments in Intelligent Transport Systems (ITS) to optimise traffic performance
 - investigation of analytical tools used to evaluate the performance of the network
 - identify and share best practice in managing incidents (planned and un-planned)
- Travel demand management
 - research the means by which road authorities can best influence travel demand by:
 - dissemination of real-time travel time information
 - application in Australia of international developments in electronic road pricing
- Improving levels of service to specific users
 - freight
 - public transport
 - emergency vehicles.

The Network program is supported by a task force comprising senior staff from the relevant areas of Austroads member and observer organisations. The primary objective of the task force is to assist road and transport agencies in their efforts to optimise utilisation of the road network.

Achievements 2004-05

In 2004-05, the Network program completed the following project:

- Bus and Bicycle Interaction with the Road Network.

Austroads Young Professionals Award

The Austroads Young Professionals Award recognises young professionals within Austroads member organisations who have the potential to make a significant contribution to their own

organisation and Austroads over a sustained period. At its meeting in April 2005, Austroads Council approved the Network program's proposal for the Austroads Young Professionals Award study tour for 2005-06. The tour, which is scheduled for October 2005, will review European best practice in traffic management and develop future capability in this increasingly important role for road agencies. Council members were invited in early June to submit nominations for the award.

Australian Bicycle Council

The Australian Bicycle Council (ABC) reports through Austroads to the Standing Committee on Transport (SCOT) and the Australian Transport Council (ATC). Its membership includes representatives from Austroads Network program, state and territory road transport and traffic authorities, the Australian Department of Transport and Regional Services, the Australian Local Government Association, Transit New Zealand and the bicycle industry. The ABC provides a forum for Austroads engagement with stakeholders on matters related to cycling.

During 2004-05 the ABC continued to implement strategies from "Australia Cycling: The National Strategy 1999-2004" and progressed a number of projects, including the Austroads funded projects "Pedestrian/Cyclist Conflict Minimisation on Shared Paths and Footpaths" and "Development of the National Cycling Strategy 2005-2010". The ABC also provided cycling-related input to reviews of relevant Austroads publications.

Ongoing projects

The Network program currently focuses on the research, development and completion of the following ongoing work areas:

Strategic research projects

- Development of the National Cycling Strategy
- Understanding Network Performance Provided to Road Users
- Review Recent Developments in Road Pricing, including Freight
- Understanding How Micro-Simulation Traffic Models can be Used in Improving the Performance of the Road Network
- Improving Incident Management
- Pedestrian/Cyclist Conflict Minimisation on Shared Paths and Footpaths
- TRARR (Traffic on Rural Roads) Software Program Upgrade.

Future directions

A number of new projects designed to build on the strategic themes of operational performance, travel demand management and improving levels of service to specific users, have been identified and are proposed to be undertaken over the period 2005-06 and 2006-07.

These research areas include:

- Understanding How Operational Changes Impact Network Performance
- Guidelines for Evaluation of Non-Pricing Travel Demand Management Measures
- Improving Levels of Service to Specific Users, including Freight, Public Transport and Emergency Vehicles.

Network task force

Dennis Walsh (Chair)	Department of Main Roads Queensland
John Erceg	Main Roads Western Australia
Tony Gill	Department of Urban Services Australian Capital Territory (also representing ALGA)
Ken Grattan	Department of Planning and Infrastructure Northern Territory
Phil Margison	Roads and Traffic Authority New South Wales
Barry Moore	National Transport Commission
Peter Swift	Department for Transport, Energy and Infrastructure South Australia
Ted Vincent	VicRoads



Registration and Licensing

Program Manager

Michael Bushby

Director - Road Safety, Licensing and Vehicle Management
Roads and Traffic Authority New South Wales

Program Support

Cheryl Richey

Project Manager R&L Task Force



Program overview

The program focuses on the following streams:

- development and promotion of national policy initiatives to achieve best practice in vehicle registration and driver licensing
- data integrity - national consistency and compliance through interoperability and accuracy
- using technology to improve data security
- data exchange
- managing access to information.

The Registration and Licensing program is supported by a task force comprising senior staff from the relevant areas of Austroads member, observer and stakeholder organisations. The primary objective of the task force is to assist road and transport agencies in their efforts to improve the security and integrity of vehicle registration and driver licensing systems and to promote national consistency. The work of the task force is undertaken in the context of an increasing focus on the security and integrity of registration and licensing information, and in particular client enrolment processes. The task force also provides strategic direction for the ongoing operation and enhancement of the National Exchange of Vehicle and Driver Information System (NEVDIS).

NEVDIS provides for the real time access to and exchange of driver and vehicle information between states, and territories in Australia.

Until April 2005 the Registration and Licensing program was managed by David Rolland of the Department of Planning and Infrastructure Northern Territory.

Achievements 2004-05

In 2004-05, the Registration and Licensing program completed the following project:

- Review of Administrative Arrangements for the Exchange of Demerit Points.

Ongoing projects

The Registration and Licensing program currently focuses on the research, development and completion of the following ongoing work areas:

Strategic research projects

- Effectiveness of Licence Sanction Transfers
- Review of Compliance with the Participation Agreement and NEVDIS Requirements including Privacy
- Uniform Set of National Enrolment Standards (Client) including Non Standard Evidence of Identity
- Uniform Set of National Vehicle Entry Standards
- Evaluation of Benefits and Risks Associated with the Access of Registration and Licensing Data.

SCOT/ATC projects

- National Identification of Heavy Vehicles
- Security and Identity Management - Driver Licence.

Future directions

No new projects have been identified for the 2005-06 period. However, it is recognised that more work will evolve from the National Vehicle Identifier and Driver Licence Identity Management projects referred to Austroads by SCOT and ATC. The focus of the program remains on the completion of the current project schedule.

Registration and Licensing task force

Michael Bushby (Chair)	Roads and Traffic Authority New South Wales
David Allen	Roads and Traffic Authority New South Wales
Lloyd Binks	Australian Department of Transport and Regional Services
Greg Forbes	Department of Planning and Infrastructure Western Australia
Richard Fowler	Department of Infrastructure, Energy and Resources Tasmania
Rod Frisby	Department for Transport, Energy and Infrastructure South Australia
Martin Hawthorne	Queensland Transport
Geoff Hughes	National Motor Vehicle Theft Reduction Council
Charmaine Berry	Land Transport New Zealand
Terry Moore	NEVDIS Administration Unit Austroads
David Quinlan	Department of Urban Services, Australian Capital Territory
Geoff Shanks	VicRoads
Donna Soo	National Transport Commission
Steve Wheelhouse	Department of Planning and Infrastructure Northern Territory



Safety

Program Manager

Bill Frith

Manager, Research and Statistics
Ministry of Transport New Zealand

Program Support

Grant Strachan

Senior Research Adviser Research and Statistics



Program overview

The program focuses on the following streams:

- safe system - framework for action
 - the key streams underlying the safe system are:
 - road risk assessment, treatment and standards
 - driver licensing
 - safer vehicles.

The Safety program is supported by a task force comprising senior staff from the relevant areas of Austroads member, observer and stakeholder organisations. The primary objectives of the task force are to develop and deliver a program of research that will assist road and transport agencies in their efforts to improve road safety, and to act as a review panel to develop the proposed Austroads road safety publication series.

Achievements 2004-05

In 2004-05, the Safety program completed the following projects:

- Revision of Austroads Crash Barriers Publication
- The Effect of Predictability of Speed Enforcement Activity on the Perceived Risk of Detection and Self Reported Behaviour
- Balance Between Harm Reduction and Mobility in Setting Speed Limits - A Feasibility Study
- Safety Impacts of Changes in Truck Use
- The Australian Road Safety Audit Advisory System
- Interventions to Prevent Intoxicated Pedestrian Crashes
- Older Model Driver Assessment Program - Phase 2
- Road Safety Engineering Risk Assessment - Stage 2
- Improving the Road Environment for Older Drivers
- Developing Sound Educational Practice in School Based Road Safety Education Programs
- Productivity Implications of Safe Heavy Vehicle Driving
- Older Driver Crashes - Responsibility and who is Involved.

Ongoing projects

The Safety program currently focuses on the research, development and completion of the following ongoing work areas:

Publication projects

- Updating the Australasian Road Safety Handbook
- Development of the Road Safety Publication Series.

Strategic research projects

- Balance Between Harm Reduction and Mobility in Setting Speed Limits - Stage 2
- Safer Vehicle Purchases: Developing Cost/Benefit Estimates for Fleet Managers and Others
- Review of Safety Practices Used by Commercial Vehicle Purchasers
- A Road Safety Engineering Toolkit
- Analysis of the Safety Benefits of Heavy Vehicle Accreditation Schemes
- Evaluation of Speed Limiting Locally Operating Warning Signs
- A Reliable, Low Cost Travel Exposure Index Plus Classification of Motorcycles as a Distinct Vehicle Class
- Road Safety in Rural and Remote Areas
- Further Development of GIS-Based Analysis of Crashes as a Road Safety Management tool.

Technical research projects

- Road Safety Engineering Risk Assessment - Stage 3.

Other projects

- Promotion and Dissemination of the Road Safety Risk Manager.

Future directions

A number of new projects have been identified and are proposed to be undertaken over the period 2005-08. These are designed to build on the strategic theme: safe system - framework for action, and to include the key elements underlying this strategic priority: safe system, road risk assessment, treatment and standards, driver licensing and safer vehicles. These research areas include:

- Safety Benefits of Improving the Interaction Between Heavy Vehicles and the Road System
- Older Driver Model Assessment Program - Phase 3 (Implementation and Evaluation of Improved Screening Procedures for Assessing Older Drivers' Performance Levels)
- Road Safety Engineering Risk Assessment - Stage 4
- Scoping of Future Strategic Road Safety Research.

Safety task force / review panel

Bill Frith (Chair)	Ministry of Transport New Zealand
Phil Allan	Department for Transport, Energy and Infrastructure South Australia
David Anderson	Australian Local Government Association
Jean Butler	Department of Urban Services Australian Capital Territory
Iain Cameron	Department of the Premier and Cabinet Western Australia
Angela Conway	Department of Infrastructure, Energy and Resources Tasmania
Dennis Davis	Transit New Zealand
Jon Douglas	Department of Main Roads Queensland
Tim Eaton	National Transport Commission
Eric Howard	VicRoads
Soames Job	Roads and Traffic Authority New South Wales
Gary Mahon	Queensland Transport
Joe Motha	Australian Department of Transport and Regional Services
Pam Palmer	Department of Planning and Infrastructure Northern Territory



Technology

Program Manager

Gary Liddle
Deputy Chief Executive
VicRoads

Program Support

Kristina Sikich
Austroads Program Executive



Program overview

The purpose of the Technology program is to promote improved practice in technology through the development and maintenance of the Austroads publications series.

Where the other programs align directly with the new strategic research priorities of the Strategic Plan, the focus of the Technology program is the development and maintenance of a more accessible and useable library of publications within the following seven of Austroads' nine new guides:

- Bridge Technology
- Pavement Technology
- Project Delivery
- Project Evaluation
- Road Design
- Traffic Management
- Transport Planning.

The Technology program is supported by review panels comprising senior staff from the relevant areas of Austroads member, observer and stakeholder organisations. The primary objective of the review panels is to support the development of these guides, including providing advice on the scope, structure and broad content of each publication and the development priorities.

In addition to the guides, the Technology program oversees several major technical research projects in the areas of surfacings and pavements.

Achievements 2004-05

A significant milestone was the substantial completion of the Austroads Guide to Project Evaluation Series which is the first of the new Guides to appear on the Austroads publications website. The Austroads Guide to Project Evaluation is a dynamic system of evaluation methods. It provides guidance on good practice, a consistent approach to key data used in analysis, and state-of-the-art tools to assist transport agencies and practitioners charged with the task of evaluating projects in the roads sector.

The eight parts of the Guide assemble knowledge on project evaluation methods, parameters and tools into a readily available and accessible resource for planners and decision-makers. The parts offer guidance to practitioners seeking advice for beyond the standard benefit-cost analysis or multi-criteria analysis evaluations, that is, project risk assessment, the national and regional impacts of projects, distributional (equity) effects of projects, and project post-evaluation analysis.

The Guide to Project Evaluation series includes:

- Part 1: Introduction to Project Evaluation
- Part 2: Project Evaluation Methodology
- Part 3: Models and Procedures
- Part 4: Project Evaluation Data
- Part 5: Impact on National and Regional Economies
- Part 6: Distributional (Equity) Effects
- Part 7: Post-completion Evaluation
- Part 8: Examples.

Part 8 of the Guide to Project Evaluation series is due for release late in 2005.

In addition to the Guide to Project Evaluation Parts 1 to 7, the Technology program completed the following projects:

- Revision of Guide to Traffic Engineering Practice:
 - Part 5: Intersections at Grade
 - Part 9: Arterial Road Traffic Management
 - Part 11: Parking
 - Part 16: On Road Public Transport
- Integrated Specifications for Bituminous Binders
- Guidelines for Strengthening Bridges
- Implementation of Austroads Asphalt Mix Design Procedure and Asphalt Framework Specification
- Utilisation of Recycled Asphalt
- Implementation of Austroads Sprayed Seal Design Method
- Development of Urban Road User Cost Models - Stage 3
- Review of NTC Performance Based Specification Vertical Loading Standard.

Ongoing projects

The Technology program currently focuses on the research, development and completion of the following ongoing work areas:

Publication projects

- Guide to Bridge Technology:

- Part 1: Overview of Bridge Technology
- Part 3: Bridge Design Procurement
- Guide to Road Design:
 - Part 1: Introduction to Road Design
 - Part 2: Design Inputs
- Guide to Traffic Management:
 - Part 5: Road Management
 - Part 6: Intersections, Interchange and Rail Crossings
- Guide to Pavement Technology:
 - Part 1: Introduction to Pavement Technology
 - Part 4c: Asphalt
 - Part 5: Project Level Pavement Management
- Guide to Project Delivery:
 - Part 2: Project Delivery Considerations
 - Part 6: Project Management Competencies
- Guide to Project Evaluation:
 - Part 8: Examples
- Updating Design Charts in Austroads Light Traffic Guide
- Modelling, Measuring and Mitigating Road Traffic Noise
- Issues Relating to the Management of Road Traffic Noise
- Revision of Austroads Guide to Stabilisation in Road Works
- Development and Management of Austroads Test Methods
- Review of 1995 Austroads Design Vehicles and Turning Path Templates
- Guidelines for the Collection and Discharge of Stormwater from the Road Infrastructure
- Revision of Guide to Traffic Engineering Practice Part 8 - Traffic Control Devices.

Technical research projects

- Influence of Vertical Loading on the Performance of Unbound and Cemented Materials
- Quantifying the Stresses at the Tyre/Surface Interface and the Resulting Performance Impacts
- Improved Sprayed Sealing Operations - Procedures and Guidelines
- Maximising the Benefits from Polymer Modified Binders
- Using Overseas Bitumen
- Delivering Better Quality Asphalt.

Future directions

A number of new projects designed to build on the Austroads Strategic Plan objectives have been identified and are proposed to be undertaken over the period 2005-08.

The publication projects include:

- Traffic Management
- Road Design

- Pavement Technology
- Bridge Technology
- Road Transport Planning
- Project Delivery

The research projects include:

- Project Evaluation - Update of Unit Values for Use in Calculating Road User Effects
- Optimum Use of Granular Bases
- Materials Innovation Management System
- Impact of PBS Vertical Loading Standard at the Network Level.

Bridge Technology review panel

Gary Liddle (Chair)	VicRoads
Geoff Bouilly	VicRoads
Gordon Chaplin	Department for Transport, Energy and Infrastructure South Australia
George Curran	Department of Planning and Infrastructure Northern Territory
John Fenwick	Department of Main Roads Queensland
Ian Hickson	Department of Urban Services Australian Capital Territory
Frank McGuire	Transit New Zealand
Geoff Mulcahy	Department of Infrastructure, Energy and Resources Tasmania
Jock Scanlon	Main Roads Western Australia
Warren Stalder	Roads and Traffic Authority New South Wales

Pavement Technology review panel

Gary Liddle (Chair)	VicRoads
Greg Arnold	Transit New Zealand
John Bethune	Australian Asphalt Pavement Association
Gavin Donald	Roads and Traffic Authority New South Wales
John Fischer	Main Roads Western Australia
Bruce Hansen	Brisbane City Council (ALGA)
Ian Hickson	Department of Urban Services Australian Capital Territory
Stephen Jackson	Department of Planning and Infrastructure Northern Territory
Allan Jones	Department of Main Roads Queensland
Chris Mathias	Department for Transport, Energy and Infrastructure South Australia
Andrew Papacostas	VicRoads
Charles Pashula	Australian Asphalt Pavement Association
Bryan Pidwerbesky	Roading New Zealand
Con Tsemitsidis	Cement Concrete and Aggregates Australia
George Vorobieff	Australian Stabilisation Industry Association
Barry Walker	Department of Infrastructure, Energy and Resources Tasmania

Project Delivery review panel

Gary Liddle (Chair)	VicRoads
Chris Allen	Transit New Zealand
Phil Cantillon	Department of Infrastructure, Energy and Resources Tasmania
Bruce Douglas	Mornington Peninsula Shire Council (ALGA)
Bruce Gidley	VicRoads
Gabriel Joseph	Department of Urban Services Australian Capital Territory
Pat Kenny	Roads and Traffic Authority New South Wales
Brian Noble	Main Roads Western Australia
Robert Pemble	Department of Planning and Infrastructure Northern Territory
Tim Warren	Department for Transport, Energy and Infrastructure South Australia
Dennis Wogan	Department of Main Roads Queensland

Road Design review panel

Gary Liddle (Chair)	VicRoads
Owen Arndt	Department of Main Roads Queensland
Peter Aumann	Monash City Council (ALGA)
Tom Brock	Association of Consulting Engineers Australia
John Cunningham	VicRoads
Dennis Davis	Transit New Zealand
Peter Ellis	Roads and Traffic Authority New South Wales
Rob Grove	Main Roads Western Australia
Ian Hickson	Department of Urban Services Australian Capital Territory
Graeme Nichols	Department of Infrastructure, Energy and Resources Tasmania
Noel O'Callaghan	Department for Transport, Energy and Infrastructure South Australia
Damien Smith	Australian Department of Transport and Regional Services
Peter Toll	Department of Planning and Infrastructure Northern Territory

Traffic Management review panel

Gary Liddle (Chair)	VicRoads
Steve Clark	Department for Transport, Energy and Infrastructure South Australia
Ray Cook	Transit New Zealand
Griff Davis	City of Whittlesea (ALGA)
Jon Douglas	Department of Main Roads Queensland
Peter Freeman	Standards Australia
Geoff Horni	Department of Planning and Infrastructure Northern Territory
David Johnson	Department of Infrastructure, Energy and Resources Tasmania
Dave Landmark	Main Roads Western Australia
Phil Margison	Roads and Traffic Authority New South Wales
Rifaat Shoukrallah	Department of Urban Services Australian Capital Territory
Greg Smith	Australian Automobile Association
Ted Vincent	VicRoads

Transport Planning and Project Evaluation review panel

Gary Liddle (Chair)	VicRoads
Lindsay Broadhurst	Main Roads Western Australia
Geoff Clarke	Australian Department of Transport and Regional Services
Ken Grattan	Department of Planning and Infrastructure Northern Territory
Mark Harvey	Bureau of Transport and Regional Economics
Kuga Kugathas	Department of Urban Services Australian Capital Territory
Allan Richmond	Department of Main Roads Queensland
David Silvester	Transit New Zealand
Peter Tisato	Department for Transport, Energy and Infrastructure South Australia
Andrew Van Emmerik	Department of Infrastructure, Energy and Resources Tasmania
Bruce Van Every	VicRoads
Brian Watters	Roads and Traffic Authority New South Wales



Intelligent Access Program

National Manager
Chris Koniditsiotis

Program overview

Intelligent access uses vehicle telematics capabilities and intelligent transport systems to monitor heavy vehicle compliance via the tracking of vehicle location and reporting of other associated parameters.



In 2003, the Australian Transport Council endorsed the results and recommendations of a project that assessed the feasibility of the intelligent access. A steering committee was established drawn from Austroads Australian member organisations, plus Queensland Transport and the National Transport Commission. Participating jurisdictions contributed direct funding for the delivery of the Intelligent Access Program (IAP).

Overview of the IAP

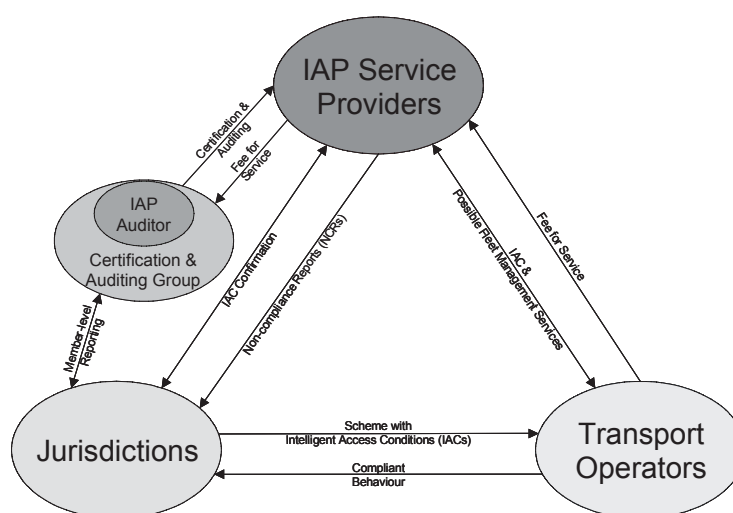
The IAP provides for heavy vehicles to have access, or improved access to the road network in return for monitoring, by vehicle telematics, of their compliance with specific access conditions. It is a voluntary program that state and territory road authorities will be able to apply as an operating condition to jurisdictional schemes, permits or applications that provide improved vehicle utilisation.

This ability to accurately monitor compliance provides new opportunities for both jurisdictions and transport operators to optimise performance of their business efficiency and safety outcomes, and also maximise the performance of the road infrastructure.

The key stakeholder parties in the IAP operating model are:

- IAP Service Providers - telematics companies providing the certified vehicle monitoring service
- Jurisdictions - road and transport agencies establishing schemes/permits/applications with an IAP compliance solution
- IAP Certification and Auditing Group (IAP C&AG) - the proposed public company established by jurisdictions that certify and audit IAP service providers
- Road Transport Operators - operators who will voluntarily enter schemes/permits/applications with an IAP compliance solution
- IAP Auditors - companies who will audit IAP Service Providers on behalf of the IAP Certification and Audit Group.

Road transport operator involvement in the IAP will be voluntary. Vehicle monitoring would be a condition that transport operators must fulfil in return for membership to a scheme, permit or application delivering improved access to the road network. Access conditions (to be known as Intelligent Access Conditions - IACs) will be negotiated by the relevant jurisdiction.



IAP operating model

The road transport operators must use an IAP service provider, which has been certified. A new entity, Transport Certification Australia Limited is being established to manage the certification and audit of service providers.

Achievements 2004-05

During 2004-05 the IAP developed and delivered the necessary national level building blocks for initial operation of the intelligent access. The most significant amongst these were:

- Austroads Council and SCOT endorsement to establish the national certification and audit regime, including a Memorandum of Understanding (Establishment Agreement) and Constitution consistent with the jurisdictionally agreed governance arrangements
- functional and technical specifications and associated testing protocols
- certification and auditing framework, including legal Deeds of Agreement, application and checklist documentation
- a series of operational guidelines
- acceptance and formal dissemination to the National Transport Commission of the NTC (Model Legislation - IAP) Regulation 2005 and associated Regulatory Impact Statement (RIS).

The framework and processes for intelligent access have been established without exposing the participants (transport and telematics industries) to significant additional risk associated with developing specialised compliance monitoring parameters and enhanced systems.

There has been significant interest in the adoption and use of intelligent access.

Future directions

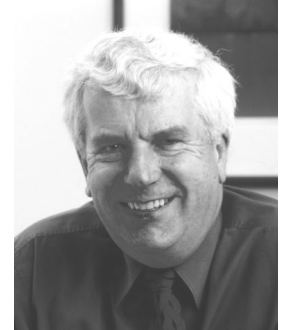
- Formally establish Transport Certification Australia Limited as a public company to administer the IAP and provide certification and audit services to service providers
- Austroads to transfer the stewardship of the IAP to Transport Certification Australia Limited
- The National Transport Commission to progress the NTC (Model Legislation - IAP) Regulation 2005 to ATC for consideration
- Jurisdictions to initiate schemes, permits and applications which provide industry productivity gains and use IAP as one condition.



International

International Committee Chairman

David Anderson
Chief Executive
VicRoads



Austrroads plays a coordinating role in relation to international involvement of its member organisations.

This includes:

- managing Australia's involvement in the World Road Association (PIARC) and coordinating it with that of New Zealand
- acting as a link for member organisations to overseas road agencies and organisations
- coordinating Austrroads' involvement with other international road organisations including the Road Engineering Association of Asia and Australasia (REAAA).

World Road Association (PIARC)

Austrroads continues to have a significant involvement in the activities of the World Road Association (PIARC). The World Road Association operates under its strategic plan with work being reported to the World Road Congress held every four years. The next World Road Congress will be in Paris in 2007. As part of the plan, technical committees are established with membership invited from member countries. There are currently 19 committees which were established in late 2003 to operate and undertake work within four strategic themes:

- Governance and Management of the Road System
- Sustainable Mobility
- Safety and Road Operations
- Quality of Road Infrastructure.

Australia and/or New Zealand have representatives on 17 of these committees. Their reports are included on the Austrroads website. Austrroads produces a PIARC newsletter covering latest news, outputs and meetings from the Australian and New Zealand involvement. Australia hosted two meetings of technical committees during the year. The Inter Urban Roads and Integrated Inter Urban Transport committee met in Adelaide in April and the Road Tunnel Operations committee met in Sydney in May.

Austrroads also supports the World Road Association by arranging the secondment of a staff member from a member organisation to work with the secretariat in Paris. Tegan Mitchell from Roads and Traffic Authority New South Wales commenced a secondment in February 2004 which concluded in October 2004 and Philip Tweddell from Main Roads Queensland commenced in November 2004 and concluded in July 2005.

Road Engineering Association of Asia and Australasia (REAAA) - Australian Chapter

REAAA is the Road Engineering Association of Asia and Australasia. The association, based in Kuala Lumpur, Malaysia promotes the science and practice of road engineering and related professions in the Asia Pacific region through the development of professional and commercial links within and between countries in the region. REAAA has about 1,000 members in 26 countries and holds regular events including a triennial international conference, technical visits and study tours, trade displays, seminars, forums and workshops.

There are chapters of REAAA established in both Australia and New Zealand. The Austroads national office provides secretariat support to the Australian Chapter of REAAA which provides opportunities for Australians to consult with other colleagues in other REAAA member countries and from time to time organises technical visits, seminars and information exchange in Australia and Asia. Regular newsletters are distributed by both REAAA and the Australian Chapter informing members of local and regional activities, major road engineering activities, appointments and other matters of interest.

Other International involvement

Austroads has an agreement with the American Association of State Highway and Transportation Officials (AASHTO) an association representing highway and transportation departments in the United States of America (USA). This involves the exchange of information and research results and publications. During the year a number of other specific initiatives were undertaken. These included hosting a scanning tour of USA officials on asset management and providing some specific information on road safety initiatives in Australia.

An agreement has also been established with the American Association of Motor Vehicle Administrators (AAMVA). AAMVA is the equivalent organisation of AASHTO which covers vehicle registration and driver licensing in the USA.

Austroads also has a partnership agreement with the Transportation Association of Canada (TAC), a Canadian association which has a broad transportation focus. The agreement provides for the exchange of information and possible cooperative and collaborative research on topics of mutual interest.

The Austroads Chairman and Executive Director attended the TAC annual conference in Quebec City in September 2004. It is expected that Austroads will host a group of TAC representatives in Australia in the later part of 2005.



Corporate

Executive Director
Murray Kidnie



National office

Austroads main objective is to act as a forum for road agencies to collaborate on strategic and practical issues to provide direction for the integrated development, management and operation of the Australian and New Zealand road systems. To achieve this goal, the Austroads national office:

- provides secretariat support to the Austroads Council
- provides overall coordination of the operation of Austroads
- provides support to programs and projects
- plays a role in relation to knowledge transfer
- manages Austroads international involvement
- oversees ATC/SCOT projects in conjunction with the road modal coordinator
- manages and produces certain national statistical publications including RoadFacts and National Performance Indicators as well as corporate documentation.

Staffing

The Austroads national office continues to operate with a small staff of five. During 2004-05 Jeremy Hyman, Communications Manager and Jenny Castle, Administrative Assistant left their respective positions. Austroads greatly appreciated the contribution they made during their time with the national office. In June 2005 Julieann Humphrey was appointed to the position of Communications Manager.

Newsletters

Austroads has continued to prepare a newsletter every two months for distribution online to over 3,000 subscribers, including all local councils in Australia. The newsletter is also accessible on the website and provides an effective way for Austroads to report on its activities and achievements.

Austroads also produces a PIARC newsletter three times a year and a newsletter twice a year for the REAAA Australian Chapter.

A special local government newsletter is also produced twice a year for distribution to councils. These newsletters are also available on the website, with the option to subscribe.

Website

The Austroads website www.austroads.com.au contains the latest news, events, publications and general information about Austroads. The number of monthly visits to the website for the 2004-05 period is shown in Figure 1.

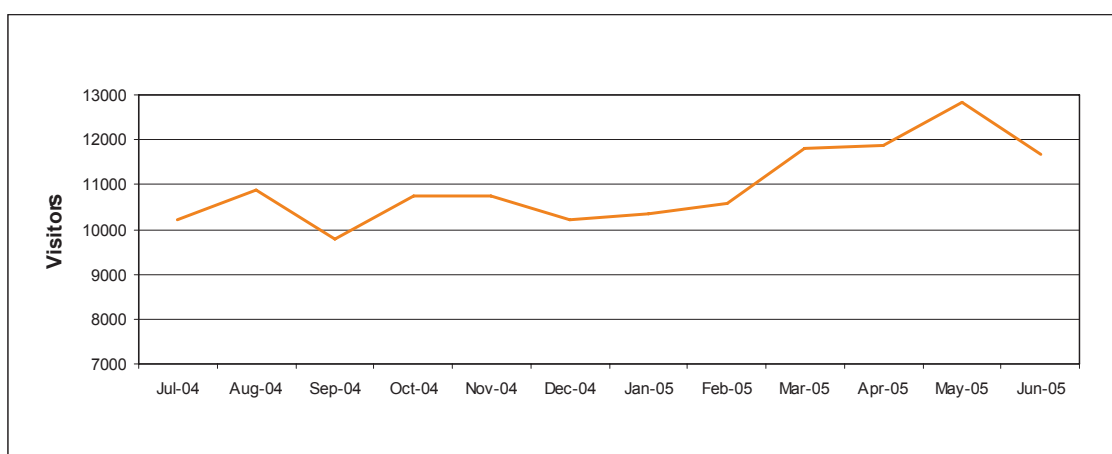


Figure 1: Number of monthly visits

Publications

Austroads is recognised as the producer of high quality guides which assist road agencies in the planning, design, construction, maintenance, operation and stewardship of roads. A comprehensive range of guides is to be produced over the next three years grouped into the following nine thematic areas:

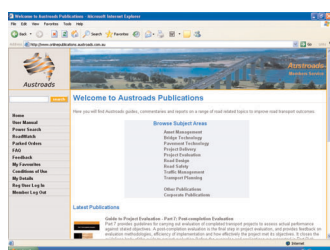
- Asset Management
- Bridge Technology
- Pavement Technology
- Project Delivery
- Project Evaluation
- Road Design
- Road Safety
- Traffic Management
- Transport Planning.

The publications produced in 2004-05 are shown later in this report.



Publications Website

In November 2004, Austroads launched a new publications website accessible through **www.austroads.com.au**. The new website is easy to use and contains all Austroads publications. Visitors can access over 400 publications including; guides and research reports.



Users are able to order publications online in electronic or hard copy format. Austroads research reports are available for free as a PDF download. Guides may be purchased as PDF or in hardcopy. Austroads members and observer organisations and Australian local councils can access all electronic publications, including guides free of charge. Other organisations can purchase a subscription service to obtain the same access.

The website also has advanced searching capacity and links between related documents. A feedback facility allows users to comment on publications. This information is used in the review and update of publications. Users can also register for RoadWatch: an email based notification service that provides users of the website with a customised news service. Registered users are able to nominate a list of individual publications and/or subject areas. They will then be advised by email of any changes in their listed publications or areas of interest. The service is available free to all visitors that register via the website.

Austroads free PDF downloads

Austroads research reports have been available for free electronic download since 2002. However, the launch of the new publications website has produced a substantial increase in the number of downloads.

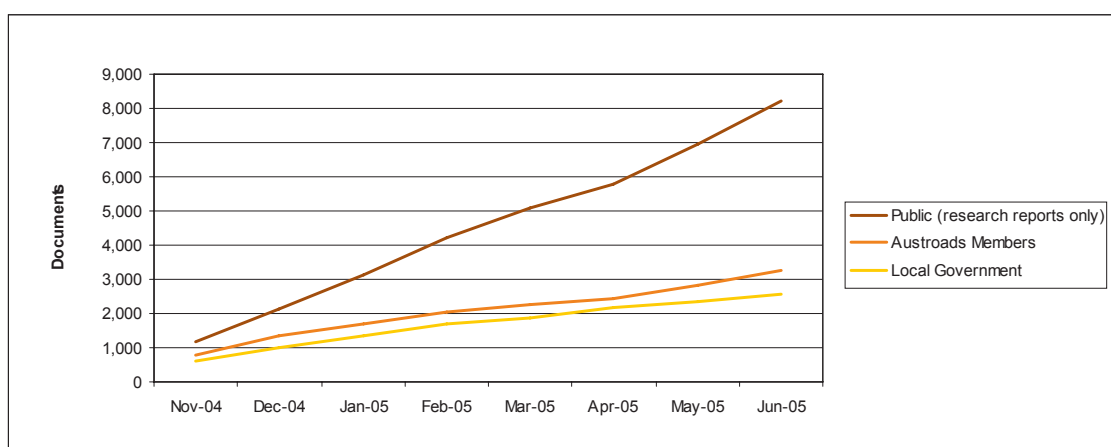


Figure 2: Free PDF downloads

Publications distributed through the website

There has been a steady increase in the volume of sales and downloads from the website since its commencement in November 2004, see Figure 3.

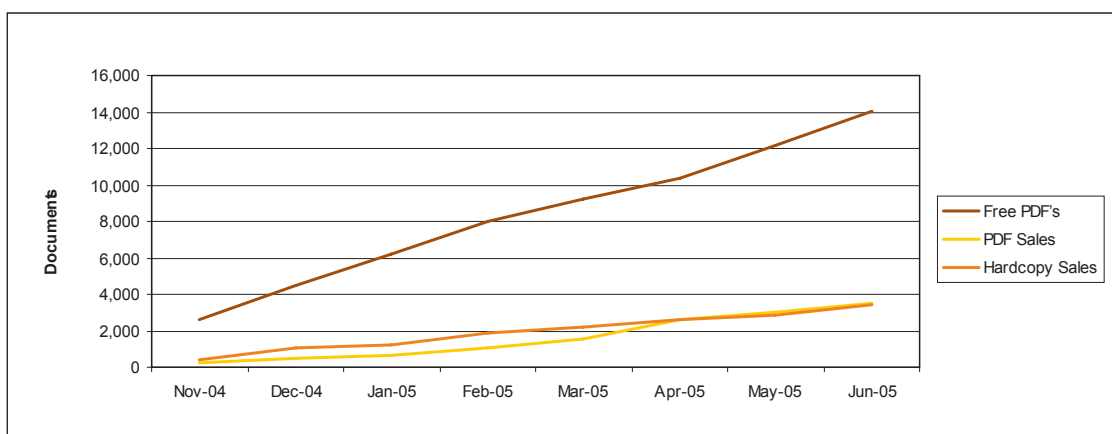


Figure 3: Publications distributed through the website

RoadWatch subscribers

Users of the publications website can register for RoadWatch: an email based notification service. Registered users can nominate individual publications and/or subject areas. The number of RoadWatch subscribers for the 2004-05 period is shown in Figure 4.

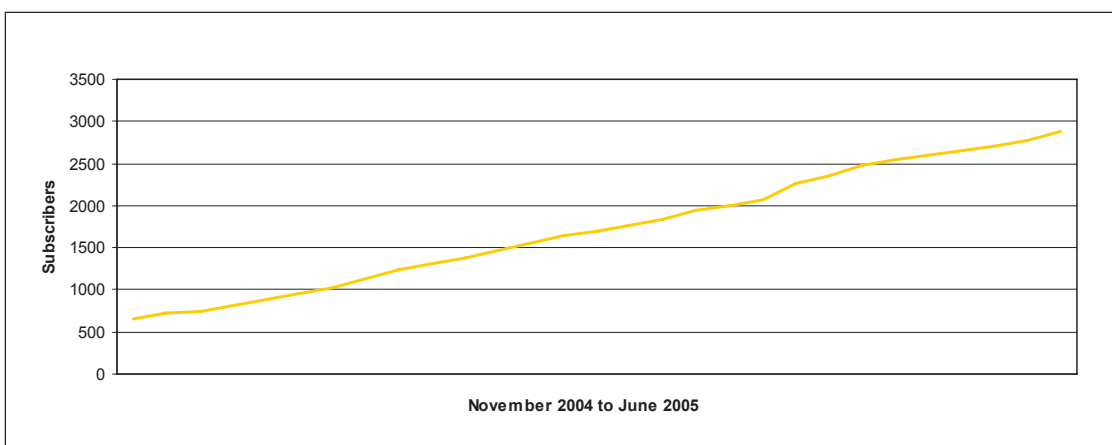


Figure 4: RoadWatch subscribers (cumulative)



Performance Review

The Austroads strategic plan 2004–07 identifies several performance measures for Austroads. These include:

Member satisfaction

A survey was undertaken of Austroads Council members in July/August 2004 to coincide with the commencement of the new strategic plan. It sought to establish the level of satisfaction with Austroads performance against several aspects of its operation. Surveys were also undertaken of users of Austroads outputs including local government users.

Ninety one percent of Council members expressed satisfaction with Austroads overall performance. Seventy five percent of internal users and 85% of external and local government users were either satisfied or very satisfied overall. A survey will be undertaken about the same time each year.

Strategic plan action completions

The activities proposed in the strategic plan have either been implemented or are in the process of being implemented. Further work needs to be undertaken to improve the dissemination of Austroads outputs both within member organisations and the wider audience.

Work program project completions

In 2004-05 there were 134 projects in the work program. Fifty five of these were new and 79 carried over from 2003-04.

Of the 55 new projects, 19 were scheduled for completion by June 2005 and the remaining 36 scheduled for various dates through to June 2007. Of the 19 projects scheduled for completion by June 2005, three were completed which equates to approximately 16%.

During 2004-05, a total of 49 projects were completed and two were cancelled, totaling 51. Forty eight of these completed projects had carried over from 2003-04.

At the end of 2003-04 there were 25 projects which were overdue by more than 12 months. Significant work has been undertaken by program managers to address this issue and at the completion of 2004-05 the number of projects overdue by more than 12 months has been reduced to 12. It is anticipated that this number will be further reduced during 2005-06.

A summary of the status of projects, by program, at the completion of the 2004-05 financial year is provided in Table 1 (see page 38).

In 2005-06, 83 projects will carry over from 2004-05 and there will be 30 new projects making a total of 113.

Council decision implementation

The decisions of Council are actioned following each meeting. The action is reported to the following meeting. All decisions were actioned as required in 2004-05.

Table 1: Project Status

	Assets	Freight	Network	Registration & Licensing	Safety	Technology	Corporate	Total
Complete	10	3	1		12	18	5	49
Cancelled				2				2
Deferred								
Active	13	11	7	9	14	20	9	83
Total approved	23	14	8	11	26	38	14	134



Publications

Publications released during the year ended 30 June 2005

Guides

- AP-G11.3/04 Guide to Traffic Engineering Practice Part 3: Traffic Studies
- AP-G11.5/05 Guide to Traffic Engineering Practice Part 5: Intersections at Grade
- AP-G11.10/04 Guide to Traffic Engineering Practice Part 10: Local Area Traffic Management
- AP-G11.12/04 Guide to Traffic Engineering Practice Part 12: Roadway Lighting
- AP-G17/04 Pavement Design - A Guide to the Structural Design of Road Pavements
- AP-G78/04 Pavement Rehabilitation - A Guide to the Design of Rehabilitation Treatments for Road Pavements
- AP-G83/05 Guidelines for the Management of Road Surface Skid Resistance
- AP-G84/04 Best Practice in Road Use Data Collection, Analysis and Reporting Guidelines
- AGPE01/05 Guide to Project Evaluation Part 1: Introduction to Project Evaluation
- AGPE02/05 Guide to Project Evaluation Part 2: Project Evaluation Methodology
- AGPE03/05 Guide to Project Evaluation Part 3: Models and Procedures
- AGPE04/05 Guide to Project Evaluation Part 4: Projects Evaluation Data
- AGPE05/05 Guide to Project Evaluation Part 5: Impact on National and Regional Economies
- AGPE06/05 Guide to Project Evaluation Part 6: Distributional (Equity) Effects
- AGPE07/05 Guide to Project Evaluation Part 7: Post-completion Evaluation

Research Reports

- AP-R253/04 Automatic Crash Notification Devices
- AP-R254/04 Intelligent Access Program: Operational Guidelines - Overview
- AP-R255/04 Environmental Management Tools for Road Maintenance Contracts
- AP-R256/04 Changes to the Austroads Mix Design Procedure to Incorporate Recycled Asphalt
- AP-R257/04 Austroads Asphalt Mix Design Implementation Workshops

- AP-R258/04 Sprayed Seal Design - 2003/04: Summary
- AP-R259/04 Model Licence Re-assessment Procedure for Older Drivers:
Stage 2 Research
- AP-R260/04 Preventing Crashes Involving Intoxicated Pedestrians: Stage 1 - The Extent
and Nature of the Problem; Stage 2 - An Analysis of Australian Coronal
Records, 1999-2001
- AP-R261/04 Environment and Design for Older Drivers: Stage II Volume 1 - Overview:
Volume 2 - Handbook of Suggestions for Road Design Changes
- AP-R262/04 Development of Austroads School Road Safety Education Check List
- Final Report
- AP-R263/05 Productivity Implications of Heavy Vehicle Safety Programs
- AP-R264/05 Economic Evaluation of Road Investment Proposals: Harmonisation of
Non-Urban Road User Costs Model
- AP-R265/05 Assessing Responsibility for Older Drivers' Crashes
- AP-R266/05 Bus-Bike Interaction within the Road Network
- AP-R267/05 Refinement of Road Deterioration Models in Australasia
- AP-R268/05 Australasian Road Safety Handbook: Volume 2
- AP-R269/05 Economic Evaluation of Road Investment Proposals: Overtaking Lanes
- An International Review
- AP-R270/05 Improved Distress Viscosity Model for Reseal Intervention
- AP-R271/05 Development of an Aggregate Size Term for a Reseal Intervention Model
- AP-R272/05 Balance Between Harm Reduction and Mobility in Setting Speed Limits:
A Feasibility Study

Technical Reports

- AP-T33/04 Technical Basis of Austroads Pavement Design Guide
- AP-T34/04 Technical Basis of the 2004 Austroads Design Procedures for Flexible
Overlays on Flexible Pavements



Austroads Awards 2004-05

The success of Austroads' operations is heavily dependent on the contributions of staff from member organisations and a small number of related organisations. Austroads awards are intended to recognise those individuals who have made particularly noteworthy contributions.

- **Achievement Award** recognises staff who have contributed to the successful completion of an Austroads project.
- **Fellowship Award** recognises up to two persons each year based on applications from staff of member organisations to undertake some international study or research of immediate relevance to Austroads and its priorities as identified in the Austroads strategic plan.
- **Outstanding Service Award** is awarded to up to two persons, each who have made an outstanding contribution to Austroads and its activities over a sustained period.
- **Young Professionals Award** recognises young professionals within Austroads member organisations who have the potential to make a significant contribution to their own organisation and Austroads over a sustained period.
- **Austroads Medal** is awarded for exceptional contributions to Austroads over an extended period.

Each award has a specific selection process and criteria.

Outstanding Service Awards

In 2004-05 they were awarded to:

- **Peter Balfe**, VicRoads
In recognition of his outstanding contribution and commitment towards Austroads and its activities over a sustained period:
 - Program manager for Austroads Road System Management program from August 2000 to March 2004
 - Program manager for Austroads Technology program from March 2004 to December 2004.

In addition, Peter was instrumental in the development of the new Austroads publication series and the more comprehensive use of electronic publishing.

- **Stephen Golding**, Department of Main Roads Queensland
In recognition of his outstanding contribution and commitment towards Austroads and its activities. Spanning from his involvement in committees under NAASRA, Austroads' predecessor organisation, to his retirement in February 2005 and includes:
 - Austroads Council member from July 2000 to February 2005
 - Austroads Chairman Intelligent Access program from October 2001 to February 2005
 - Austroads Executive Committee member from November 2003 to February 2005

- Austroads Deputy Chairman from November 2003 to November 2004
- Austroads International Committee member from November 2003 to February 2005.

In addition, Stephen served as an REAAA Executive Committee member from October 2000 to September 2004 and as Deputy Chairman from September 2001 to September 2004.

- **Ian Reeves**, Department of Main Roads Queensland

In recognition of his outstanding contribution and commitment towards Austroads and its activities spanning 17 years to date:

- Task force member and project manager for Austroads Asset Management Underperformance of the Infrastructure project from December 2003 to present
- Program manager for the Austroads Technology and Environment program from August 2000 to March 2004
- Chairman of Austroads Pavements Reference group from March 1998 to June 1999
- QDMR representative on Austroads Pavements Reference group from February 1995 to March 1998
- Austroads representative for World Roads Association (PIARC) Flexible Roads Committee from June 1994 to October 1999
- Austroads representative at US Strategic Highway Research program in 1998
- Co-authored Austroads Guide to the Use of Geotextiles in 1987.

Achievement Awards

In 2004-05 Achievement Awards were made to:

- **Robin Anderson**, Australian Local Government Association
In recognition of his significant contribution towards Austroads through his membership of the Road Safety task force, the Road Safety Strategy panel and the Research Co-ordination Advisory group which functioned as an Austroads reference group.
- **John Grinsell**, Roads and Traffic Authority New South Wales
In recognition of his valuable contribution to the Australian Bicycle Council and to Austroads particularly through his effective management of the Bus and Bicycle Interaction with the Road Network project.
- **Jim Langford**, Department of Infrastructure, Energy and Resources Tasmania
In recognition of his work on managing the successful completion of the Austroads projects on Developing Sound Educational Practice in School-Based Road Safety Education programs, Improving the Road Environment for Older Drivers - Stage 2 and Older Driver Model Assessment program - Stage 2.

- **Paul Magarey**, Australian Department of Transport and Regional Services
In recognition of his valuable contribution to the Australian Bicycle Council and to Austroads particularly in his role as Chair of the Australian Bicycle Council.
- **Michelle Smith**, Queensland Transport
In recognition of her work on managing the successful completion of the Austroads project on the Evaluation of Speed Limiting Locally Operated Warning Signs.



Abbreviations

AAMVA	American Association of Motor Vehicle Administrators
AASHTO	American Association of State Highway and Transportation Officials
ABC	Australian Bicycle Council
ALGA	Australian Local Government Association
ATC	Australian Transport Commission
DPI NT	Department of Planning and Infrastructure Northern Territory
DMR Qld	Department of Main Roads Queensland
GIS	Geographic Information Systems
IACs	Intelligent Access Conditions
IAP	Intelligent Access Program
IAP C&AG	Intelligent Access Program Certification & Auditing Group
ITS	Intelligent Transport Systems
MoT NZ	Ministry of Transport New Zealand
MR WA	Main Roads Western Australia
NCRs	Non-Compliance Reports
NEVDIS	National Exchange of Vehicle and Driver Information System
NTC	National Transport Commission
PBS	Performance Based Standards
PDF	Portable Document Format
PIARC	World Road Association
R&L	Registration and Licensing
REAAA	Road Engineering Association of Asia and Australasia
RIS	Regulatory Impact Statement
RTA NSW	Roads and Traffic Authority New South Wales
SCOT	Standing Committee on Transport
TAC	Transportation Association of Canada
Transit NZ	Transit New Zealand
TRARR	Traffic on Rural Roads
UK	United Kingdom
USA	United States of America
VicRoads	Roads Corporation Victoria



Austroads Financial Information

Income and Expenditure Statement for the year ended 30 June 2005

	2005		2004	
	\$	\$	\$	\$
Income				
Contributions				
Membership		773,900		751,548
Work Program		6,335,120		4,488,760
Special Programs and Projects				
R & L Identification of Heavy Vehicles	25,000		-	
IAP Expansion of the HML Network	205,000		-	
Safety Measures Study	18,500		-	
BS User Satisfaction Index	-		141,149	
Assessing Fitness to Drive	-		220,000	
Intelligent Access Project	391,000	639,500	786,832	1,147,981
Publications				
Gross Sales Revenue		285,871		267,967
Royalties		13,978		285
Interest Received				
Short Term Investments	214,930		182,562	
Rental Bond	1,588	216,518	1,517	184,079
Other Income		4,501		277
Income transferred from e-transport (Note 5)		-		69,968
Total Income		8,269,388		6,910,865

The accompanying notes form part of these Financial Statements

Income and Expenditure Statement for the year ended 30 June 2005 (continued)

	2005		2004	
	\$	\$	\$	\$
Expenditure				
Corporate				
Salaries and Related Charges	455,920		407,774	
Other National Office Expenses (Note 2)	269,793		226,180	
Projects	156,775		219,447	
Corporate Services	169,165		49,904	
Depreciation (Note 1b)	20,860		18,333	
Program Management	556,527	1,629,040	900,432	1,822,070
Work Program				
Intelligent Access	854,258		353,585	
Publications	-		31,000	
Safety Measures Study	18,500		-	
Assets	945,058		952,741	
Freight	208,952		43,308	
Network	470,021		20,000	
Registration and Licensing	159,412		28,244	
Safety	1,105,603		750,881	
Road Systems Management	-		32,750	
Road Use Management	-		50,550	
Road Safety	-		227,560	
Business Systems	-		194,245	
Technology and Environment	-		47,950	
Technology	2,675,037	6,436,841	802,356	3,535,170
Publications				
Cost of Sales	58,990		79,088	
ARRB Commission	45,849		78,931	
Stock Write Off	128,051		239,113	
Royalty Payments	1,959		2,512	
Production and Distribution	40,000	274,849	40,000	439,644
		<u>8,340,730</u>		<u>5,796,884</u>
Net (Deficit)/Surplus for the year		<u>(71,342)</u>		<u>1,113,981</u>

The accompanying notes form part of these Financial Statements

Balance Sheet as at 30 June 2005

	2005		2004	
	\$	\$	\$	\$
Assets				
Current Assets				
Cash	1,113,142		531,545	
Investments (Note 1d)	3,100,973		3,881,912	
Inventories (Note 3)	-		33,266	
Receivables (Note 4)	903,630		1,097,350	
Prepayments	21,154		58,408	
Other Debtors	449,857		208,163	
		5,588,756		5,810,644
Non-Current assets				
Office Furniture and Equipment at Cost	210,898		202,682	
Less: Provision for Depreciation	(189,293)		(172,541)	
	21,605		30,141	
Motor Vehicles at Cost	20,221		21,755	
Less: Provision for Depreciation	(3,191)		(4,339)	
	17,030		17,416	
Sundry Debtor	33,214		31,626	
		71,849		79,183
Total Assets		5,660,605		5,889,827

The accompanying notes form part of these Financial Statements

Balance Sheet as at 30 June 2005 (continued)

	2005		2004	
	\$	\$	\$	\$
Liabilities				
Current Liabilities				
Accounts Payable	2,335,795		1,234,736	
Contributions Received in Advance	182,117		929,490	
Subscriptions Invoiced in Advance (NEVDIS II)	-		1,140,714	
Unacquitted Funds (NEVDIS II) (Note 6)	664,351		49,195	
Provision for Annual Leave	42,873		37,187	
Provision for Long Service Leave	15,255		13,240	
		3,240,391		3,404,562
Non-current Liabilities				
Provision for Long Service Leave		23,587		17,296
Total Liabilities		3,263,978		3,421,858
Net Assets		<u>2,396,627</u>		<u>2,467,969</u>
Represented by:				
Members' Funds				
Net(Deficit)/Surplus		(71,342)		1,113,981
Cumulative surplus brought forward		2,467,969		1,353,988
Members' Funds		<u>2,396,627</u>		<u>2,467,969</u>

The accompanying notes form part of these Financial Statements

Statement of Cash Flows for the year ended 30 June 2005

	2005	Inflows (Outflows)	2004
	\$		\$
Cash flows from operating activities			
Receipts			
Member Contributions	5,367,679		6,003,109
Publication Sales	341,174		268,479
Interest Received	211,767		184,908
External Project Funding	639,500		1,147,981
e-transport Project Funding	4,636		69,968
Net GST Receipt	(184,868)		169,469
Total Receipts	6,379,888		7,843,914
Payments			
Salaries and Related Costs	(408,425)		(438,287)
National Office	(560,456)		(613,629)
Publications	(241,583)		(497,196)
Programs	(5,356,693)		(5,299,181)
Total Payments	(6,567,157)		(6,848,293)
Net Cash (Used in)/Provided by Operating Activities (Note 7)	(187,269)		995,621
Cash Flows from Investing Activities			
Proceeds from Sales of Fixed Assets	16,364		17,775
Payment for Purchases of Fixed Assets	(28,437)		(41,136)
Net Cash used in Investing Activities	(12,073)		(23,361)
Net (Decrease)/Increase in cash held	(199,342)		972,260
Cash at the beginning of the year	4,413,457		3,441,197
Cash at the end of the year (Note 8)	4,214,115		4,413,457

The accompanying notes form part of these Financial Statements

Notes to and forming part of the accounts for the year ended 30 June 2005

1. Statement of significant accounting policies

This financial report is a special purpose financial report prepared in order to satisfy the financial reporting requirements of the Associations Incorporation Act [NSW]. The Executive Committee has determined that the association is not a reporting entity.

The financial report has been prepared in accordance with the requirements of the Associations Incorporation Act [NSW] and the following Australian Accounting Standards:

AAS 5 Materiality

AAS 8 Events Occuring After Reporting Date

No other applicable Accounting Standards, Urgent Issues Group Consensus Views or other authoritative pronouncements of the Australian Accounting Standards Board have been applied.

The financial report has been prepared on an accruals basis of historical costs and does not take into account changing money values or, except where specifically stated, current valuations of non-current assets.

The following material accounting policies, which are consistent with the previous period unless otherwise stated, have been adopted in the preparation of this report:

a) Publications

During the year Austroads has ceased retaining levels of publications for resale. All inventories were written down to nil value and transferred to SAI Global. The association is uncertain what sales will be generated from such inventories. As sales are made, Austroads will receive the proceeds less a commission. These proceeds will then be brought to account as income. SAI Global have also commenced producing Austroads publications for which Austroads will receive royalty payments as sales are made.

b) Depreciation

Furniture and equipment and motor vehicles are depreciated on a straight line basis over their useful lives.

c) Provision for employee entitlements

Provision for long service leave and annual leave are made for all employees from the date of their commencement and are calculated at current pay rates.

d) Investments

Investments reflected on the balance sheet represents funds held with the National Australia Bank in short term investments. These funds are placed for varying periods up to 13 months, but may be withdrawn at short notice.

e) e-transport implementation

In 2003 Funding of e-transport implementation was recognised as income to the extent of expenditure incurred to balance date (refer Note 5). Funding in excess of expenditure was carried forward to the subsequent year as unacquitted funds in the balance sheet.

e-transport implementation stopped as at 1 July 2003. Funds amounting to \$362,911, were transferred across to Austroads to help fund the Intelligent Access project and has been shown as income during the prior year. The remainder was transferred to Austroads to use for its continued operations and was treated as a transfer to income in 2004 (see Note 5).

f) NEVDIS II

Austroads on behalf of Australian jurisdictional driver licensing and vehicle registration authorities has contracted with Fujitsu Australia Limited to operate and maintain the National Exchange Vehicle Driver Information System (NEVDIS) for the period ending 25 August 2008. This commitment involves a monthly subscription payment to Fujitsu for \$147,791 adjusted for CPI increases in future years.

Funding of NEVDIS implementation is recognised as income to the extent of expenditure incurred to balance date (refer Note 6). Funding in excess of expenditure was carried forward to the subsequent year as unacquitted funds in the balance sheet.

g) Income tax

The Association has been exempted from income tax under Section 50-5 of the Income Tax Assessment Act 1997.

	2005	2004
	\$	\$
2. Other National Office Expenses		
Other National Office Expenses includes the following		
- Remuneration of Auditor for Audit Services		
- Current year	8,500	9,250
- Prior year	<u>1,170</u>	<u>-</u>
	9,670	9,250
- Rental expense on operating lease	97,977	83,404

	2005	2004
	\$	\$
3. Inventories		
Publications		
- Finished goods (at Cost)	-	256,542
Less Stock Valuation adjustment	-	(234,511)
- Raw Materials (at Cost)	-	11,235
	<u>-</u>	<u>33,266</u>
4. Receivables		
Trade Debtors	254,511	74,873
NEVDIS Subscriptions Receivables	649,119	1,022,477
	<u>903,630</u>	<u>1,097,350</u>
5. e-transport implementation		
Income		
Interest Received	-	968
Total Income	<u>-</u>	<u>968</u>
Expenditure		
Total Expenditure	<u>-</u>	<u>-</u>
Net Surplus/(Deficit) for the year	<u>-</u>	<u>968</u>
Amount Unexpended Brought Forward	-	431,911
	<u>-</u>	<u>432,879</u>
Amount Unexpended transferred to Fund IAP (Note 1e)	-	(362,911)
Amount Unexpended transferred to Income (Note 1e)	-	(69,968)
Net Surplus/(Deficit)	<u>-</u>	<u>-</u>
6. NEVDIS II		
Income		
Members' Contributions	3,541,113	4,905,603
Work Request Recoveries	7,256	7,792
Transport SA Extract Charges	24,214	-
Recalls	164,989	150,767
Interest Received	43,408	31,409
Total Income	<u>3,780,980</u>	<u>5,095,571</u>
Expenditure		
Bank Charges	218	218
Fujitsu Upfront Fees	-	2,386,442
Enhancements	71,489	-
Fujitsu DPX	30,852	36,060

	2005	2004
	\$	\$
6. NEVDIS II (continued)		
Fujitsu Miscellaneous	13,725	60,230
Fujitsu Recalls	-	3,060
Fujitsu Subscriptions	1,761,745	1,451,910
RTA NEVDIS Administration Unit	574,849	745,150
RTA NEVDIS Salary	687,602	355,514
Jurisdiction Work Request	-	7,792
Transport SA Extract Charges	25,344	-
Total Expenditure	<u>3,165,824</u>	<u>5,046,376</u>
Net Surplus for the year	615,156	49,195
Amount Unexpended in prior year	49,195	-
Amount Unexpended transferred to Liabilities (Note 1f)	(664,351)	(49,195)
Net Surplus	<u>-</u>	<u>-</u>

7. Reconciliation of Net Cash used in Operating Activities to Operating Results

Operating Result	(71,342)	1,113,981
Depreciation	20,860	18,333
Net gain on disposal of plant and equipment	135	(277)
Decrease/(Increase) in inventories	33,266	183,248
Decrease/(Increase) in trade debtors	(179,638)	(5,806)
Decrease/(Increase) in prepayments and other debtors	167,330	2,337,990
Increase/(Decrease) in liabilities	(157,880)	(2,651,848)
Net Cash from Operating Activities	<u>(187,269)</u>	<u>995,621</u>

8. Reconciliation of Cash

For the purposes of the Statement of Cash Flows, the Association considers cash to include cash on hand and at banks and short term investments. Cash at the end of the reporting period as shown in the Statement of Cash Flows is reconciled to the related items in the Balance Sheet as follows:

Cash	1,113,142	531,545
Investments	3,100,973	3,881,912
	<u>4,214,115</u>	<u>4,413,457</u>

Statement by Members of the Executive Committee

The Executive Committee has determined that the association is not a reporting entity and that this special purpose financial report should be prepared in accordance with the accounting policies outlined in Note 1 to the financial statements.

In the opinion of the Executive Committee, the attached financial statements as set out on pages 45 to 52 present fairly the financial position of Austroads Incorporated as at 30 June 2005 and its performance for the year ended on that date.

At the date of this statement, there are reasonable grounds to believe that Austroads Incorporated will be able to pay its debts as and when they fall due.

This statement is made in accordance with a resolution of the Executive Committee and is signed for and on behalf of the Committee by:



Murray Kidnie
Executive Director



Paul Forward
Chairman

Dated this 7th day of October 2005

Independent Auditor's Report to the Members of Austroads Incorporated

Scope

We have audited the special purpose financial report of Austroads Incorporated for the year ended 30 June 2005 as set out on pages 45 to 53. The Executive Committee is responsible for the financial report and has determined that the accounting policies used and described in Note 1 to the financial statements which form part of the financial report are appropriate to meet the requirements of the Associations Incorporation Act [NSW] and are appropriate to meet the needs of the members of Austroads Incorporated. No opinion is expressed as to whether the accounting policies used are appropriate to the needs of the members.

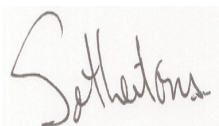
The financial report has been prepared for the purpose of fulfilling the requirements of the Associations Incorporation Act [NSW]. We disclaim any assumption of responsibility for any reliance on this report or on the financial report to which it relates to any person other than those members, or for any purpose other than that for which it was prepared.

Our audit has been conducted in accordance with Australian Auditing Standards. Our procedures included examination, on a test basis, of evidence supporting the amounts and other disclosures in the financial report and the evaluation of significant accounting estimates. These procedures have been undertaken to form an opinion whether, in all material respects, the financial report is presented fairly in accordance to the accounting policies described in Note 1 so as to present a view which is consistent with our understanding of the Association's financial position, and performance as represented by the results of its operations and its cash flows. These policies do not require the application of all Accounting Standards and other mandatory professional reporting requirements in Australia.

The audit opinion expressed in this report has been formed on the above basis.

Audit Opinion

In our opinion, the financial report of Austroads Incorporated presents a true and fair view of the financial position of Austroads Incorporated as at 30 June 2005 and the results of its operations and its cash flows for the year then ended in accordance with the accounting policies described in Note 1 to the financial statements.



SOTHERTONS - Sydney Partnership
Chartered Accountants



S Tzannes, Partner
28 September 2005
Sydney

Contact Information

If you would like further information about Austroads, its operations or publications, please visit the Austroads website: www.austroads.com.au

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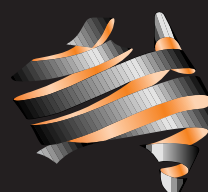
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promoting improved road transport outcomes