



email newsletter

July 2002

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Introduction

This email newsletter is produced as part of the membership benefits for AITPM. Members are encouraged to provide material for future editions. Members who have not received this edition electronically should advise the secretariat of their email address.

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The following companies/organisations are National Sponsors:



President's Message

Final reminder for the National Conference in Perth on 8-9 August with an additional workshop on 7 August. A registration form and technical program are available from our Website (www.aitpm.org.au). Sponsorship and trade opportunities still exist.

The Time to Grow, the Time to Learn

Straw poll: Two questions requiring just two quick answers from you.

1. Do you have the time allocated within your workplace to professionally grow and learn?
2. Does it matter?

Please email your comments to: jareid@austraffic.com.au. Your response to previous questions is influencing policy and strategic directions that your Institute considers is both your wish and in your best interest.

Key Players or Wise Virgins

Feedback from last month's newsletter, plus a stunning impromptu response at a one day conference in Adelaide on the 18 June, highlights the ongoing concern of our members to problems in the workplace, including poor workplace ethics, the lack of appreciation of technical skills and the limited time for professional development.

We can individually choose to ignore the problems and leave them for the "system" to rectify. Or we can engage with the issues, take a sense of responsibility for both the cause and effect and together grow traffic and transport skills and knowledge for sustainable transport.

As covered in past issues of the newsletter, AITPM is developing a strategy for its members so that we can be relevant and effective for our profession and the community we all serve. The goal is to harness the best of the ethical and hardworking attributes within our key asset, our people.

The upcoming Perth National Conference allocates a full session, including discussion, to these issues so that all delegates can return to their workplace with practical tools and thoughts for turning the tide.

It is about time the "system" is shown that we do care. It is time we are seen to offer more than mere negative commentary.

New Executive

Congratulations to the new executive of your National Council, elections were not required on this occasion as only one nomination was received for each position. Positions take effect during August 2002.

- **Richard Hanslip** National President (SA)
- **Garry Mason** National Vice President (WA)
- **Bill Cirocco** National Secretary (SA)
- **Bob Taylor** National Treasurer (Qld)

John Reid

National President e-mail: jareid@austraffic.com.au or Phone (03) 97350255

The following companies/organisations are Major Branch Sponsors

NSW

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- [Dept of Transport](#)
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Feature

AITPM Seminar – Transport for People With Disabilities

The AITPM held a one-day seminar in Adelaide on transport for the disabled. The seminar was an outstanding success and the content was discussed extensively in the media. Some of the challenging issues raised include:

- Who Has The Social Conscience?
 - Disabilities And Transport - What's The Problem?
 - What Are The Solutions?
- AITPM - Conduit for Change.

Link Seminar summary

http://www.aitpm.org.au/annex/0207_DisabilitySeminar.pdf

News

ITS Strategy Development Underway In Queensland

On 29 May 2002, the Directors-General of Queensland Transport and Main Roads opened a South East Queensland regional workshop to develop the Multi-modal Intelligent Transport Systems Strategy for Queensland. This workshop was the largest of the seven regional workshops held throughout the state, with over two hundred attending from various government departments, local councils, universities and the private sector.

The purpose of developing the strategy is to optimise the transport system using ITS, across all surface transport modes (road, rail, water and links to air). It has been estimated that Australia has the potential to gain in excess of \$1 billion p.a. from the use of ITS.

For further information, please contact John Oppes (07) 3834 9461 or David Edmiston (07) 3253 5847.

Link A more detailed analysis of this project

http://www.aitpm.org.au/annex/0207_QldITS.pdf

Bargo Wants to Be Australia's No1 Cycling Town

Bargo (located 84 km south-west of Sydney) wants to become Australia's number one cycling town. A proposal, prepared for the Department of State and Regional Development's Main Street/Small Towns Program, has been put on public exhibition.

Bargo is subject to increasing development pressures and this project gives the local stakeholders a chance to have a say in the preferred character and lifestyle of their town.

Link www.macarthurinformationcentre.au.com

Contact Sue Johnson; 02 4684 2956 or email arate@bocnet.com.au.



Rural Traveller Information – Flood Warning System

The Queensland Department of Main Roads (DMR) has developed a warning system to give its districts more time and information for emergency responses and quality road closure decisions before potential flooding. The new automated road flood warning system is being trialled at 3 locations in northern Queensland.

In an innovative and cost saving way the system sources river height observations and forecasts from the Bureau of Meteorology, which has more than 800 automatic river-height gauges in Queensland. Traffic managers will be able to view the latest river height observations and trends at a given location on a computer in their district office. The system will alert district offices and traffic managers via e-mail and SMS of potential flooding.

Steve Dove and Jack Yung, in DMR's Intelligent Transport Systems Unit, designed and developed the system. It is anticipated that road users will benefit from having access to better quality pre-trip information and consequently a safer, hassle free journey. *For further information, call Steve Dove on (07) 3834 2689.*

New Pedestrian Guidelines in Qld

Following a comprehensive literature review on pedestrian guidelines within Australia and overseas, a new set of warrants - *Queensland Pedestrian Facility Guidelines & Prioritisation Point System* - has been developed by Queensland Department of Main Roads, including new guidelines and a point allocation system based, primarily, on pedestrian waiting time.

The guidelines also take into account varying road widths, vehicular arrival patterns, and impact on the road network, community sizes, accident history, sight distances and other factors relevant to the provision of adequate pedestrian facilities.

The Priority Point System is an innovative quantitative and qualitative analysis, and involves the allocation of points to each of these factors, according to the conditions and characteristics of the selected site, allowing for the assessment and quantification of the pedestrian crossing difficulty at a particular location.

The new pedestrian guidelines will be presented at the AITPM National Conference in Perth later this year. *For further information, please contact David Stewart (07) 3834 2698 or Marisa Setter (07) 3834 9457.*

AITPM Gold Coast Local Group

Gold Coast based members of the Queensland branch are forming a local group. The inaugural meeting is planned for July at the Dept of Main Roads' Traffic Management Centre while a technical seminar will be held in September and the annual Gold Coast Dinner in October.

Cont.



With the blessings of the Queensland Committee, the Gold Coast committee know this is a new and exciting step for a growing organisation. Apart from a great tourist destination, the Tugun Bypass, Light Rail, Surfers Traffic Management Plan, Indy, upward trend in residential development and other traffic events would create many interesting technical sessions with a local flavour. Deva Naiker can be contacted for any further information on (07) 5583 8319.

Planning Gateway Bridge Duplication: Progress Report.

The June Technical Seminar in Queensland heard Phil Stay (Project Director – Special Projects - Main Roads) discuss the planning of the Gateway Bridge Duplication Project in Brisbane.

Australia Trade Coast is a unique public and private sector collaboration to develop a major global trading and investment hub on the east coast of Australia. Located in Brisbane with a modern deepwater port and a curfew-free airport the ATC offers a premier trade gateway to the Asia Pacific and beyond.

Essential to the success of this trade hub is the integration of the associated transport networks linking the port and airport to local, regional and interstate business and industry.

This forum provided an opportunity to gain an insight into how planning of a strategically important element of the road network – the Gateway Bridge and motorway - is being undertaken, with a focus on the relationship framework developed to deliver an outcome that meets the future planning demands of the many public and private organisations.

Link Project newsletter

http://www.aitpm.org.au/annex/0207_Gateway Update2-final.pdf

New Queensland State President

At the 2002 Annual General Meeting, the Queensland Division elected a new President, Jon Douglas who takes over from Mel Hallett who served the position well.

The Branch Committee is now:

- Jon Douglas President
 - Mike Carter Vice President
 - Mel Hallett Immediate Past President
 - Torry Crellin Treasurer
 - Sanjay Ram Committee Member
 - Deva Naiker Committee Member
 - David Stewart Committee Member
- Gerard Reardon Committee Member

Link Minutes and Reports from the AGM.

http://www.aitpm.org.au/annex/0207_AITPMQldAGMMinutes040602.pdf

http://www.aitpm.org.au/annex/0207_AITPMQldpresrpt040602.pdf



Book Review

A number of AITPM conferences and seminars have called for traffic problems to gain input from a wider range of professions.

A new book, edited by psychologists Ray Fuller from Trinity College Dublin and Jorge Santos from the University of Minho, Braga, Portugal, attempts to show how psychological insights and research can be applied to traffic engineering. The book is entitled “Human Factors for Highway Engineers” and is 325 page hardback published by Pergamon.

AITPM member Brian Smith has reviewed the book for our newsletter.

Link http://www.aitpm.org.au/annex/0207_BookReview.pdf

Discussion Points

Signs – Information or Distraction

Modern electronics has created variable message signs that traffic managers could use in many ways while advertising looks with delight at any device that will capture peoples’ attention.

Do we have a sufficient understanding as to what constitutes a good message and what constitutes a distraction with signs that are targeted at drivers? The AITPM newsletter is considering this issue. Do any members have photos of good and bad examples of signs, particularly variable message signs?

Are safer roads promoting risky driving?

Traffic planners and managers are sometime confronted with the theory that if you improve the conditions on the road then people will travel faster to try and reach the same level of risk. In medical terms this is call risk homoeostasis.

The British Medical Journal gives the “for” and “against” case.

Link

<http://bmj.com/cgi/lookup?lookupType=volpage&vol=324&fp=1149&view=short>

Recent Events

Institute of Transport Studies annual awards

The Institute of Transport Studies Annual Presentation of Awards 2002 was held in April at the University of Sydney. The function, attended by 100 people, was an opportunity for the industry, guests and the Institute to acknowledge the significant achievements of the students in the Institute’s Graduate Programs and Industry Program.

Cont.



Fred Gennaoui, President NSW Branch, presented the AITPM Award for Best Overall Performance by a Student in the Graduate Diploma of Transport Management 2001 to Frederic Horst. (See photo in right column).

Local road safety officers – Vic

The local council road safety officer is a focal point for actions at the practical level. Do we sufficiently understand their working situation and are we supporting them as much as we could?

Mark McGuire is the Community Road Safety Officer in the Shire of Yarra Ranges. Mark made a presentation about his council and his position at the Victorian Branch technical forum in June.

Link to an overview of this presentation.

http://www.aitpm.org.au/annex/0207_McGuire.pdf

AITPM National Conference

Perth – 8 and 9 August 2002.

Four weeks to go

It is now only four weeks to AITPM's 2002 National Conference in Perth, Western Australia. If you are intending to attend the conference, you are urged to register and book as early as possible to take advantage of cheap flight and accommodation offers that are currently available.

New Major National Conference Sponsor

AITPM would like to welcome TTS as a Major National Conference Sponsor for the forthcoming National Conference to be held in Perth in August 2002.

TTS Traffic and Transport Surveys Pty Ltd is an independent traffic research agency that has operated since 1979 with offices in Sydney, Brisbane, Melbourne and Canberra. Its first international office was opened in Bangalore, India in 2002.

TTS has completed projects in all states, for all levels of government, major consulting firms and private agencies. TTS provides research based practical aid, which enables customers to obtain improved value for money, generate competitive advantage and a better understanding of traffic and transport data.

You can visit TTS at their website at: <http://www.ttsurveys.com.au>



Cont.



Conference Sessions and Workshop

A wide variety of interesting papers have been selected for presentation at this year's conference. In fact, such a high calibre of submissions for presentation at the conference was received, that to accommodate additional papers, a one-day workshop on Designing for Trucks and Buses has been introduced for the day prior to the conference. For more information on the conference and workshop program, please visit our website at:

<http://www.aitpm.org.au/conference/index.html>

Abstracts for most papers can be viewed at the website.

Discount Accommodation at the Sheraton Hotel

Since the printing of the conference brochure, the Sheraton Hotel has announced a special rate of \$120 per night. Please call the Sheraton Hotel directly on 08 9224 7777 to take advantage of this offer.

Other Coming Events

Local Government's Role in Transport Choice – Viv - 20 July

The Metropolitan Transport Forum will hold a one day conference to establish a vision for transport and land use in 2020 and to determine what Local Government and other can do now to achieve this.

Contact: Andrew Korr Secretary Metropolitan Transport Forum Tel: 9 278 4539 Fax: 9 278 4512 akorr@boroondara.vic.gov.au

Operations & Partnerships – Brisbane - 22-23 July 2002

Transport Roundtable Australasia is organising a two day conference, followed by an optional one day short course, focusing on transportation operations and partnerships.

Contact Tina at OzAccom on 07 3854 1611 or download Registration Brochure from: <http://www.transportroundtable.com.au/smart2002>

Mobility & Safety Of Older People – Melbourne – 26-27 Aug

http://www.monash.edu.au/oce/older_mobility

Contact: Ms Irene Thavarajah

Phone: +61 3 9905 1344 **Fax:** +61 3 9905 1343

Email: irene.thavarajah@adm.monash.edu.au

Minister's Address – Brisbane – 28 Aug

The annual joint AITPM and IEAUST meeting will allow the Minister for Roads to address members from both organisations with his view of transport and traffic issues in Queensland. *Further information and registration details will be released shortly.*



Outside The Square – Vic - 12–13 September, 2002

The Institute of Transportation Engineers (ITE) is holding a conference in Melbourne entitled “Outside The Square – Operations, Transport and Safety”.

Link to brochure http://www.aitpm.org.au/annex/0207_FlyerITE.pdf

Contact: Ms Irene Thavarajah, fax 03 9905 1343;

Email irene.thavarajah@adm.monash.edu.au

Our highway to a sustainable future – Carins - 18-23 May 2003

ARRB Transport Research and REAAA (Road Engineering Association of Asia and Australasia) are co-hosting a conference entitled “Transport - Our Highway To A Sustainable Future”. Papers are now invited.

Link to details <http://www.arrb.com.au/conf21/21about.htm>

Letters

Pedestrian Crossings

Good to see issues such as this being discussed. However they are not being discussed in the full context as the Yeppoon case illustrated.

The fact is that a pedestrian crossing is an intersection. It is far too easy for those responsible to "opt out" by providing nothing (ie removing a zebra) rather than addressing the equity issues ... assuming that walking and cycling are in fact valued modes of urban transport rather than empty rhetoric in transport policy to be ignored by those designing the real world.

What Moses and other studies fail(ed) to address in the Australian context is the 60km/h is 10km/h faster than the "comparable" urban speed limits in say the USA. So of course it is more dangerous here!

But the answer is not to then remove the crossing! The requirement is to get the peds and cyclists across the street ... safely in conditions arguably considerably worse than in the USA.

Of course I can almost hear the "here we go again" being mumbled ... but facts are facts. It appears Australian road managers are quite happy to support 60km/h on urban main roads (a notable exception being the RTA in 1995-6 ... see "Towards a safe urban speed limit" (BFA, 1996) of which I was the principal author) ... BUT NOT THEN PROVIDE THE FACILITIES NEEDED FOR PEDS AND CYCLISTS TO CROSS THE ROAD ... OR FOR CYCLISTS TO TRAVEL ALONG THE ROAD.

So watch the equity issue ... it may not be long before a road authority or consultant is held liable for not including pedestrian and/or cycling safety in their design or safety audit.

I would be interested for example to know whether the new Main Roads Qld "Pedestrian Facilities Guidelines" (see the Travelator programme) includes for cyclists, and given that this issue was pointed out a number of times, if not, why not?

Cont.



I would be delighted if this issue was the subject of further debate within (and outside) AITPM as it is clear that the children are still being killed in the safe(r) 50km/h residential/local streets and many of the road authorities still baulk at endorsing the presence of cyclists on 60km/h roads ...!

Michael Yeates

Convenor Cyclists Urban Speedlimit Taskforce
An initiative of the Bicycle Federation of Australia Inc

Useful Links

Road Maintenance and the Legal Duties of Road Authorities

The Victorian Department of Infrastructure has a discussion paper on Road Maintenance and the Legal Duties of Road Authorities.

Link www.doi.vic.gov.au/transport under "what's new".

Submissions on this discussion paper can be made to Mark Miller, Manager Legislation, Denmark St KEW, mark.miller@roads.vic.gov.au by 5 July 2002.

Job Spot

Traffic and transport professionals

GTA Consultants provides a comprehensive range of transport planning and traffic engineering related services including development impact assessments, road safety, intersection analysis and design, transport modelling and major event traffic management. Located in Hawthorn (Melbourne) we are planning to increase staff in response to a wide range of diverse and new projects:

Project Managers

These senior positions would suit experienced professionals, with modelling, planning or traffic analysis experience.

Transport Planner/Engineers

You will be in the early stages of your career with a strong interest in traffic engineering and transport planning.

Remuneration packages will be negotiated according to skills and experience to attract the best people.

Visit our web site at www.gta.com.au for more information.

Email application and CV to careers@gta.com.au or mail to
GTA Consultants PO Box 902, HAWTHORN VIC 3122



Land Transport Safety Authority of New Zealand

The Land Transport Safety Authority (LTSA) is a Crown owned entity set up under the Land Transport Act 1993 to promote safety in land transport at reasonable cost. A Board of five members heads the LTSA, which reports to the Minister of Transport. The Chief Executive Officer of the LTSA is the Director of Land Transport Safety.

Senior Engineer Policy, Safer Roads

The Senior Engineer Policy reports to the Manager Safer Roads and is responsible for providing high level policy advice and technical advice across road engineering and traffic management areas to assist in ensuring that the section's policy advice is of the highest quality in relevance and detail. The role includes policy development, implementation and monitoring in consultation with regional and local authority staff, and is to ensure that road environment safety policies and programs are effectively communicated and delivered to other agencies and authorities via safety management systems.

To be considered for this role you must be able to demonstrate competency in the following:

- Technical and professional aspects of road and traffic engineering
 - Major policy and program development and management in the public sector
 - Road safety engineering principles and practices
 - relationship management with a broad ranging audience
 - safety risk management
 - public policy development and the regulatory environment
 - major program and project management, planning and reporting
 - public sector awareness and sound judgment
- staff management, development, and mentoring

To be successful you should be comfortable with operating in a multidisciplinary and complex policy/regulatory environment where liaison, co-operation and pragmatism are critical to success.

You should be competent using standard office computer software suites and have a relevant tertiary qualification. Postgraduate training or qualifications in road, traffic or transport engineering, or management, would be an advantage.

A [job description](#) is available by phoning Patricia Grant on (04) 494 8626, email , pmg@ltsa.govt.nz.

Please apply in writing including your CV to Human Resources, Land Transport Safety Authority, P.O. Box 2840, Wellington by **Monday 1 July 2002**.

The LTSA has an Equal Employment Opportunities policy, and operates a smoke free workplace.

Cont.



Road Safety Engineer, Safer Roads

The Road Safety Engineer reports to the Manager Safer Roads and is responsible for providing technical advice on road and traffic engineering matters related to the development of policy initiatives for regulating the safe operation of the road network. The role will involve undertaking projects to develop solutions and programs to improve the safety of the road environment, in consultation with key regional and head office staff.

To be considered for this role you must be able to demonstrate competency in the following:

- Technical and professional aspects of road and traffic engineering
 - Road safety engineering principles and practices such as road safety auditing
 - Risk management
 - Research and analytical techniques
 - Project planning, management and supervision
- public sector awareness and sound judgment

To be successful you should be comfortable with operating as a team member in a complex policy/regulatory environment where liaison, co-operation and pragmatism are critical to success.

You should be competent using standard office computer software suites and have a relevant tertiary qualification in engineering. Post graduate training or qualifications in road, traffic or transport engineering would be an advantage.

A [job description](#) is available by phoning Patricia Grant on (04) 494 8626, or email pmg@ltsa.govt.nz.

Please apply in writing including your CV to Human Resources, Land Transport Safety Authority, P.O. Box 2840, Wellington by **Monday 1 July 2002**.

The LTSA has an Equal Employment Opportunities policy, and operates a smoke free workplace.



Traffic & Safety Engineer - (12 months contract)

South Australia's premier motoring organisation, the RAA, has a vacancy for a suitably qualified person to work within the Traffic and Safety Department on a full-time basis for 12 months.

The successful applicant will possess a degree in civil engineering (or similar) with a proven ability to apply the discipline to matters of a traffic engineering nature. Graduates should not be discouraged from applying if they possess these qualities.

To achieve your objectives you will need to be highly proficient in research, analysis and communications, as the position involves assisting the RAA perform its highly effective public affairs advocacy role on behalf of over 614,000 members.

Duties of the position include surveys of SA national highway network and rural arterial roads; assisting with development and review of RAA policies; traffic investigations and liaison with road authorities.

Confidential applications in writing by Tuesday 23rd July 2002 to:

Human Resources Consultant
RAA of SA
41 Hindmarsh Square
Adelaide SA 5000

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