



# ITEANZ NEWSLETTER JULY 2015

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## PRESIDENT'S COLUMN

### Infrastructure Victoria

In June, Jacinta Allan Minister for Public Transport introduced the INFRASTRUCTURE VICTORIA BILL 2015 to the Victorian State Parliament. This is a very important piece of legislation for our profession. In Ms Allan's own words: "Independence, expertise, transparency and consensus have been sorely lacking in Victoria's recent infrastructure debate." There is an article about this Bill below. I think we should all take a keen interest in it and exert any influence we can to ensure its safe and quick passage and implementation.

### The Uninformed Purchaser

Another area that has been "sorely lacking in Victoria" is the inadequate maintenance of engineering expertise in government departments. At first there was downsizing of departments then the baby boomers started to retire but the efforts to maintain a strong level of expertise have not been very successful.

Professionals Australia (PA) should be given credit for raising this issue at the highest levels. PA recently stated that "There is wholesale agreement among industry that widespread outsourcing of engineering capacity to the private sector means that government doesn't even know what it is buying – they've become uninformed purchasers."

Whilst it appears that there has been some indication that the Victorian Government may appoint a Chief Engineer to advise it, I believe it is incumbent on all areas of government that rely on engineering advice to maintain appropriate levels of expertise.

**Nick Szwed, ITEANZ President**



## NEW WEBSITE

We have just updated our website! Please have a look at it by clicking on this link – [www.ite.org.au](http://www.ite.org.au)

We would appreciate any feedback you may wish to give us. Please send your comments to [iteanz@gmail.com](mailto:iteanz@gmail.com)

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## ITE COMMUNITY

### Monash University Student Chapter

During the SWOT VAC, the ITEANZ Student Chapter held a committee meeting. General business was discussed and the committee made a plan for student chapter committee election in next semester. The current committee decided to seek broader representation from student members and will be encouraging new members to stand at the upcoming committee election event to be held in August. Ahmed Mirza, Student chapter President, is preparing a speech for the upcoming event and the rest of the committee are busy working on obtaining financial sponsorship and organising the event. After the busy exam and relaxing semester break, the Student Chapter will look forward to welcoming new student members in the new semester.

#### Monash University Student Chapter Committee

### New Zealand

As discussed in the International District Director's report, preliminary arrangements are being made for the visit of John Kennedy (ITE International President) to NZ in mid-September. It is expected that the president and some 12-15 other ITE members will visit the three main urban centres Auckland, Wellington and Christchurch to see and discuss major and innovative transport issues and solutions.

As part of the on-going collaboration with other professional organisations and institutions, I recently met with the national chairman of the IPENZ Transportation Group Pravin Dayaram to discuss future shared activities and efforts between the Transportation Group and ITE. There is a strong international focus provided through ITE membership and we are hopeful of continuing to grow the strength of such collaboration for the benefit of both Transportation Group and ITE members in New Zealand.

Plans are being formulated for (slightly) more regular ITE networking events for those members based in (or able to visit) Auckland. As the centre in NZ with the greatest number of ITE members who are either resident or professionally active, it is initially hoped that a quarterly networking and short technical presentation format will be help on a rotating basis across ITE members' firms thereby spreading the responsibility. If you are keen to participate in this type of event please let me know ([don.mckenzie@tdg.co.nz](mailto:don.mckenzie@tdg.co.nz) or +64 21 656 191) – I am anticipating the first such event will occur during August – in part helping to refine some of the details for the President's visit here in mid-September.

**Don McKenzie**

### Victoria

#### Infrastructure Victoria

In June, Jacinta Allan Minister for Public Transport introduced the INFRASTRUCTURE VICTORIA BILL 2015 to the Victorian State Parliament. This is a very important piece of legislation for our profession. In Ms Allan's own words: "Independence, expertise, transparency and consensus have been sorely lacking in Victoria's recent infrastructure debate."

The second reading of this bill can be seen in full at this [link](#).

Here are a few more quotes from Ms Allan's speech to whet your appetite:

- Transparency must underpin infrastructure decision-making
- Finally, Infrastructure Victoria will publicly release the strategy without government approval and will self-initiate any updates. These updates may occur no earlier than three and no later than five years after the latest release. Under this bill, no government will be able to influence the content or timing of Infrastructure Victoria's strategy.



- the bill will require the government to provide a public response within 12 months
- The government will be required to prepare a five-year infrastructure plan which responds to the strategy and the projects identified as a priority, including any funding commitments
- Infrastructure Victoria will publish an annual assessment of the government's progress against this five-year infrastructure plan

**Nick Szwed**

## New South Wales

### The Future of 'Point to Point' Transport

Taxis and hire cars are no longer seen as the sole method of point to point travel, with the recent emergence and success of ridesharing services such as UberX. Transport for New South Wales (TfNSW) has begun consultation, as part of an independent review into the future of the taxi, hire car and ridesharing market.

Earlier in July, the NSW Government announced an independent taskforce lead by Professor Gary Sturges AM and Tom Parry AM, who are scheduled to report back to government by the end of October. Their role will involve looking at a range of issues facing the 'point to point' transport market; examining current regulations facing taxi businesses to ensure there is a more even playing field; and examining the role of new ridesharing technology.

TfNSW has begun consultation with key stakeholders and regional visits are scheduled to take place over the coming weeks. The taskforce will release a discussion paper next month. Have your say [here](#).

### Sydney Metro – Barangaroo Station

Sydney Metro is Australia's largest public transport project, delivering more rapid transit rail services across Sydney. NSW Premier Mike Baird and Minister for Transport and Infrastructure Andrew Constance announced a new underground railway station at Barangaroo will be part of the plans for the Sydney Metro. The station is expected to serve as a new east-west connection across the CBD, connecting the new financial hub at Barangaroo with the existing financial centre at Martin Place. The station will also service the Walsh Bay arts precinct, King Street Wharf and Barangaroo headland park, estimated to attract 10,000 visitors each day. Find out more [here](#).

**Sahan Wijyaratna**

## Queensland

Last financial year, the Australian Government delivered the biggest infrastructure investment in Queensland's history by jointly funding a number of world class projects like the multi-billion dollar Bruce Highway upgrade and the Toowoomba Bypass. In July they announced the preferred tenderer to deliver the \$1.6 billion Toowoomba Second Range Crossing project and in the same month they announced that they had awarded a contract for the Gateway Upgrade North project to Lend Lease Engineering to design and construct a large component of this jointly-funded \$1.162 billion project.

The **Queensland Transport and Roads Investment Program 2015–16 to 2018–19 (QTRIP)** details the current transport and road projects that the Queensland Government plans to deliver over the next 4 years to meet the infrastructure needs of our rapidly growing state. The Department of Transport and Main Roads is hosting an industry briefing to provide an overview of the QTRIP program on **28<sup>th</sup> July 2015**. The Queensland Transport and Roads Investment Program (QTRIP) 2015-16 to 2018-19 outlines a plan to invest \$18.8 billion in transport infrastructure over the next four years. In collaboration with both the federal and local governments, the Queensland Government is planning to deliver the following major transport infrastructure works:



- \$8.5 billion program to fix the Bruce Highway over 10 years (2013-14 to 2022-23)
- \$635 million Warrego Highway Upgrade Program over five years (2014-15 to 2018-19)
- \$260.5 million Cape York Region Package over five years (2014-15 to 2018-19)
- \$988 million Moreton Bay Rail Link
- \$1.606 billion Toowoomba Second Range Crossing,
- \$1.162 billion Gateway Upgrade North
- \$30 million over three years (2015-16 to 2017-18) to extend the Marine Infrastructure Fund to support small marine projects
- \$60 million in funding to 2015-16 and 2016-17 for transport infrastructure delivered through the Transport Infrastructure Development Scheme (TIDS), a new regional infrastructure funding program to provide funding for critical infrastructure in regional areas of the State.
- \$160.7 million over three years for a package of transport infrastructure works on the Gold Coast in the lead up to the 21st Commonwealth Games in April 2018.

Additional projects earmarked for the planning, management and delivery of Queensland's integrated transport solutions for road, rail, air and sea have been included in the recent release of the **2015-16 Transport Systems Planning Program (TSPP)**. To make sure that they involve as many organisations as possible in this shared initiative, the Department of Transport and Main Roads has arranged for a TSPP Industry Briefing to be held in Brisbane on the Tuesday the **4<sup>th</sup> August 2015**. This briefing will provide an overview of the TSPP program, the type of skills required, the method of procurement, and timing of works to be released to Industry during the 2015-16 financial year. Funding included in the program of works is indicative only and subject to change without notice but what is very useful is that the proposed procurement method, estimated consultant budget, expected duration of commission and expected time to market is declared using the following categorisation:

Internally Delivered	Delivered by internal TMR resources.
Internal + Support in Key Disciplines	Project Managed by internal TMR resources, engaging market for specialist services or discrete tasks.
Restricted Tender	ITO released to a small number of consultants with known experience relevant to commission.
Restricted Tender (Trial Verbal Briefing Process)	Trial of a partially verbal procurement process to provide a small number of consultants the opportunity to interact confidentially with TMR to refine their offer.
Multistage Invitation	Using an open market Expression of Interest to shortlist to a small number of consultants.
Open Tender	Traditional open market approach to consultants meeting prequalification requirements.

One additional project of significance, although not included in QTRIP, is the \$10 billion Melbourne to Brisbane Inland Rail project (MBIR) being delivered by the Australian Rail Track Corporation (ARTC). The MBIR Alignment Study was announced by the Minister for Infrastructure, Transport, Regional Development and Local Government, the Hon Anthony Albanese MP on 28 March 2008. Since then, the Department of Transport and Main Roads (TMR) in conjunction with the Department of State Development (DSD) and Queensland Rail (QR) have been working collaboratively with the ARTC to provide advice in relation to the proposed route for the MBIR project. The Federal Government has allocated \$300 million (2014/15 – 2017/18) to progress the project, and has formed an Implementation Group to confirm the alignment, prioritise an order of works (to commence during the current Federal Government term) and consider funding and financing arrangements.

All in all, a healthy program of work and one that I am happy to be part of.

**Derrick Hitchins**



## Tasmania

### 10-Year Road Safety Strategy

Tasmanians have been asked to contribute to the Liberal Government's 10-Year Road Safety Strategy which will be based on the 'Towards Zero' goal. The 'Towards Zero' Goal aims to reduce the number of deaths or serious injuries on Tasmanian Roads to Zero.

The current Road Safety Strategy is nearing the end of its life having directed Road Safety Levy funding to support a range of initiatives including safer road projects across Tasmania, the Learner Driver Mentor Program, Electronic Speed Limit Signs in school zones and the Australasian New Car Assessment Program.

The new program will continue to invest in similar types of safe systems projects as well as looking for new and innovative measures to drive the states road toll towards zero. The program is due for implementation in 2017 following the end of the current program in 2016.

More details can be found [here](#).

### \$500M Action Plan for Midland Highway

The Australian and Tasmanian Governments have released a 10-year, \$500M action plan to improve safety on the Midland Highway, the main passage between Launceston and Hobart, the two largest cities of Tasmania.

A report by AusRAP, a program run by the Australian Automobile Association and State and Territory automobile clubs dedicated to saving lives through advocating for safer road infrastructure, found that 86% of the highway is currently rated 1 or 2-stars out of a possible 5-stars for safety. The \$500M action plan aims to lift the highway to a minimum 3-star rating, helping to prevent 'catastrophic' casualty crashes.

The investment will include installation of safety barriers, wider medians, removing roadside hazards, junction upgrades, lane widening and adding additional overtaking opportunities.

More details can be found [here](#).

**Aaron Hargraves**

## SA, WA, NT, ACT

We are looking for correspondents from other jurisdictions to let everyone know what is happening. If you can help out please contact us via the contact details at the bottom of this newsletter.

## ITE international

The next International Board of Direction meeting will be held in a few days' time in the days just prior to the ITE Annual Meeting being held in Hollywood Florida. If there is a matter you would like to raise at the International Board please don't hesitate to contact me ([don.mckenzie@tdg.co.nz](mailto:don.mckenzie@tdg.co.nz) or +64 21 656 191). I would also like to promote good news items either through my reports to the Board or through the various ITE publications – I'd love to hear from you.

The July Board meeting will be the first to be attended by the new ITE Executive Director Jeff Paniati. During the first quarter of 2015 the ITE Board's Executive Committee and their advisors identified a range of candidates before selecting Jeff as the Executive Director/CEO to succeed Tom Brahms who, as many of you will be aware, will be retiring at the end of 2015 after some 40 years' service to ITE. Jeff has been (and will remain until mid-October) Executive Director for the US Department of Transportation - Federal Highway Administration (FHWA). There will be both farewell and welcoming functions for Tom and Jeff at the Annual Meeting in Florida.



Next week several International District and ITEANZ Section representatives will be presenting papers and leading/participating in discussions at the Annual Meeting in Florida. They will be presenting on topics ranging from international perspectives on professional ethics, lessons from the 2014 President's Study Tour to England, Australian experience with roundabout construction and operation, and the emergence of the Integrated Transport Assessment process for impact assessment.

During mid-September International President John Kennedy and Executive Director Tom Brahms will lead an ITE delegation to look at a wide range of transport issues and innovative solutions as part of a two-week visit to Australia (week commencing 7 September) and New Zealand (week commencing 14 September). They will meet with ITE members and transport officials and advisers within the major urban centres on both sides of 'the ditch' and will also bring with them some perspectives of similar issues from experiences elsewhere in the ITE world. Look out for further information both within ITE publications and through other communications for a chance to hear from and speak with John. This is real chance for us to showcase the wide range of activities and innovative solutions being applied by our fantastic ITE members here in Australasia. If you're interested in joining in the tour itself see the invitation in the latest ITE Connect ([ITE COMMUNITY](#)) For everyone else please show your support for ITE and attend the technical meeting with Tom and John and the delegation when they visit a city near you!

**Don McKenzie**

**District 8 Representative**

## RECENT EVENTS

### Sustainable Transport – Walking – 28<sup>th</sup> May 2015

Walking is arguably the most sustainable means of transport. It is part of every trip. Walking also has great health, social and environmental benefits. So how do we support walking?

Presenters:

- Hywel Rowlands – City of Boroondara
- Ben Rossiter – Executive Officer, Victoria Walks
- Duane Burttt – Senior Advisor, Victoria Walks.



Hywel Rowlands



Ben Rossiter



Duane Burttt

This seminar was proudly hosted by RMIT University, School of Business IT & Logistics.

More details on what speakers said can be found [here](#).



## Container Port for Melbourne – 30th April 2015

This seminar was held at Victoria University on 30 April 2015. It was run in conjunction with the Institute for Supply Chain and Logistics (ISCL) at Victoria University.

Presenters:

- Dr Hermione Parsons – Director and Associate Professor ISCL
- Dr Darrell Bowyer – Post Doctoral Research Fellow at ISCL.

Mr Peter van Duyn – Maritime Expert at ISCL also attended and helped to answer questions

More details on what speakers said can be found [here](#).



Dr Hermione Parsons



Dr Darrell Bowyer

## UPCOMING EVENTS

### Gender Issues in the Transport Profession – 30<sup>th</sup> July 2015

GHD Theatre, Level 8, 180 Lonsdale St, Melbourne

4:30-6:00pm on Thursday the 30<sup>th</sup> of July.

Three leading women will talk about gender issues in the engineering profession. They will talk about their own personal experience and about programs and initiatives which they have been involved in to facilitate a fairer gender balance in the workplace.

- Anita Curnow - Executive Director, Policy and Programs, VicRoads
- Nerina Di Lorenzo - CEO, Moreland City Council
- Laurice Temple - CEO, National Association of Women in Construction

This event is proudly hosted by GHD. To see the event flyer and register, please click [here](#).

### Bendigo Forum – 28th August 2015

We have eminent speakers who will cover the Bendigo Integrated Transport and Land Use study and the Calder Freeway, Ravenswood Interchange.

As the meeting is on a Friday, stay over and enjoy the weekend in Bendigo!

Please hold the date in your diary. A flyer with full details will be sent out soon.

**Date:** Friday 28 August 2015

**Time:** 5:00 pm to 6:30 pm

**Venue:** Latrobe Visual Arts Centre, View Street, Bendigo

More details on the event can be found on the ITEANZ [website](#) as they become available.



## PROFESSIONAL RECOGNITION

The following ITEANZ awards are granted each year:

- GHD Student Award
- SIDRA SOLUTIONS Postgraduate Award
- Emerging Professional of the Year Award
- Sustainable Transport Award
- Contribution to the Transport Profession Award
- Contribution to the ITE Award

Submissions are now open for the Emerging Transport Professional, Sustainable Transport, & Contribution to Transport Profession Awards and close on 1st September. Please make a submission or nominate someone you think deserves recognition for their good work.

Details are on the [website](#).

### **Swinburne University - Research scholarship in disruptive mobility**

As part of Swinburne University's involvement in the [CRC for Low Carbon Living](#), Swinburne is offering a PhD research scholarship in low carbon mobility. Details on how to apply can be found [here](#).

This is one of 5 scholarships available through the Swinburne Node of Excellence covering a number of topics in Low Carbon Built Environment. More scholarship details can be found [here](#).

Submissions close: 5pm on the 10th of August 2015.

## TECHNICAL

### **Registration of Professional Engineers**

Professionals Australia (previously APESMA) has introduced a registration scheme for professional engineers. Registered Professional Engineer (RPEng) is a new scheme in addition to the current Chartered Professional Engineer (CPEng) scheme run by Engineers Australia. Registration schemes aim to achieve greater respect, recognition and reward for engineers. They encourage professionals to maintain standards of practice, professionalism and competency.

The eligibility criteria are published on the new RPEng [website](#). In summary, they are:

1. an engineering degree
2. at least 5 years relevant work experience
3. a minimum of three professional referees
4. 150 hours of continuing professional development over the past three years

Eligibility is automatic if you already hold accreditation as CPEng, CP or RPEQ.

In Queensland, there is a requirement for professional engineers to be registered. This registration is called RPEQ. The Victorian government proposes to introduce similar legislation requiring professional engineers involved in decision making to be registered. Professionals Australia will be lobbying other state governments to do likewise.

RPEng is only available to members of Professionals Australia. If at any time you cancel your Professionals Australia membership, your RPEng status will also be cancelled.



Initial registration costs \$300. You will need to renew your registration every three years at a cost of approximately \$150.

Professionals Australia launched the new scheme in Melbourne on 9 June 2015.

Further information is available at <http://rpeng.org.au/>.

## ITEANZ EXECUTIVE BOARD APPOINTMENT

ITEANZ welcomed two new members to the ITEANZ Executive Board this quarter. Russell Webb joined in June and Nirosha Kariyawasam joined in July. Russell Webb's profile can be found below.

### Russell Webb



Russell, hailing from the United States, has nearly twenty years of experience in transport and traffic project planning, design, and management in both consultancies and government. His engineering background extends across three continents to include projects in Australia, the United States, Jordan, and Iraq, and his expertise encompasses all aspects of urban and rural roadway planning and design. Specialties include traffic signal and management design, bicycle and pedestrian enhancements, and Intelligent Transportation Systems (ITS) / Commercial Vehicle Operations (CVO) integration.

Currently, Russell is continuing to contribute to the community through his position within Strategic Transport at Moreland City Council in Melbourne, providing contextually sensitive, and technically-based traffic management solutions to enhance all transport modes.

Russell is a registered Professional Engineer and holds a Bachelor of Science degree in Civil Engineering from the University of Maine. He joined ITE in 1994 and has actively participated in Sections in the Northeastern and Southern Districts as well as within the Pedestrian and Bicycle Council. Additionally, Russell has presented papers at both the Technical Conference and Annual Meeting forums at the National level. He joined the ITE Australia and New Zealand Section Executive Board in 2015.

## MEMBERSHIP

As a member of ITE, you join a dynamic, interactive group of more than 17,000 transportation professionals spanning more than 90 countries dedicated to solving today's transport challenges. Join ITE to increase your professional marketability and stand out from the crowd. ITE provides a wealth of resources for the transport professional.

Did you know that individual membership with ITE costs only US\$220 a year? For students, membership is free in the first year and then \$30 per year. Retired members pay \$122.50. Young Members up to age of 30 now receive reduced dues in 2015 at this webpage - [Young Professionals](#).

The general rule for ITE membership is as follows. To be eligible for admission or transfer to the grade of Member, an applicant:

1. Shall be a graduate from a transportation related program at a school of recognized standing and in the active practice of transportation or traffic work; or shall have had:



2. If not a graduate from a transportation related program at a school of recognized standing shall have five years of professional experience and shall be in transportation or traffic engineering work.

You can join up directly online through this webpage - [ITE MEMBERSHIP](#).

## ITEANZ NEWSLETTER

If you would like to contribute something of interest to transport professionals in a future newsletter, please send it to us at the contact details below.

If you do not wish to receive future newsletters, send an email with the subject "*Unsubscribe Newsletter*" to the email address below:

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