



ITEANZ NEWSLETTER OCTOBER 2015



PRESIDENT'S COLUMN

I wish to welcome the brand new ITE Student Chapter at RMIT University. I look forward working closely with you. We also have a new group who were elected at the AGM of the Monash Uni Student Chapter. There are now two ITE Student Chapters outside North America and they are both located in Melbourne! More details below.

For some time we have been planning to hold a forum on working in Asia. If you have strong experience in this area and would like to share it with others, please contact us. We are also looking for ways to grow our contacts and relationships into Asia. Our US HQ are trying to do this also. If you have any thoughts or suggestions on how we could go about this please let us know. If you know someone in Asia who would like to visit Australia and tell us about their work in transport we would be very happy to set up a forum for them.

I recently read that in Paris they are having a car free day to encourage cycling. They are also going to allow cyclists to turn right (left for us) at traffic lights and go straight ahead through a red light at the top of T-junctions provided they give way to pedestrians. It's great to hear that there are some places where positive initiatives are being taken to encourage cycling. Cycling is growing very quickly in Melbourne but the authorities seem reluctant to do anything as significant as these French initiatives.

I'm reading more and more articles about the development of driverless vehicle technology and I am getting the feeling that this is going to surprise us all with how quickly it is coming. The first stage will be the crash avoidance aspects and some of that technology is already on the road. I don't think the authorities in Victoria are taking it seriously enough and they will be found out soon. At least SA has decided to do some trials this year. More about this in the future.

Nick Szwed, ITEANZ President



ITE COMMUNITY

ITE Study Tour – Australia Leg

During September, a group of senior ITE people came from North America to tour Australia and New Zealand. This was a fantastic opportunity to have a two-way exchange of ideas about the ITE and learn about the latest developments in the transport field.

Corporate Supporter



Corporate Partner



The touring party consisted of:

- John Kennedy – ITE International President
- Hibbett Neel – Past ITE International President
- Tom Brahms – ITE Executive Director & CEO
- Michelle Birdsall – ITE Journal Senior Editor
- Becky Malenke – Senior Project Manager, Neel-Schaffer Inc
- Jonathan Kiser – Professional Engineer, Neel-Schaffer Inc
- Milton Carrasco – President & CEO, Transoft Solutions Inc

... and some of their family members.

The tour was also an opportunity to pass on our thanks and good wishes to Tom Brahms who will retire from his role as Chief Executive at the end of 2015, after 43 years of service.

Thanks go to Andrew O'Brien, Nick Szwed, David Nash and Aaron Hargraves who did a lot of work organising and hosting the Tour party in Australia as well as Don McKenzie for his work in New Zealand. Special thanks go to those who gave time to give presentations to the group, including:

- Mark Elliott, Malcolm Gibson and Kirsten Giunta (Northwest Rapid Transit)
- Ronald Cheng and Aaron Hargraves (Metro Trains Sydney)
- Peter Hynd (Transport for NSW)
- Ray Kinnear and Jim Webber (PTV and Docklands Development)
- Mark Russell (VicRoads, Road Safety) and John Gaffney (VicRoads, Managed Motorways)
- Matt Hansford (Intelematics)
- Rod Chapman, Peter Daly, Brian Negus and Megan Ballantyne (RACV)

The visit was very successful and built a great sense of cooperation between North America and Australia & New Zealand.





David Nash

ITE Study Tour – New Zealand Leg

Following the week in Australia (and after the memorable AFL experience at the “G”) it was the Kiwi’s turn to host the ITE delegation. Starting out in Auckland there were many local experiences to take in ranging from an inspection of the Waterview Tunnel (and meeting Alice the tunnel boring machine) to hearing about the SkyPath shared walking and cycling path across the Harbour Bridge to walking through the waterfront urban renewal project at Wynyard Quarter. We were fortunate to have time volunteered by numerous organisations and individuals which made (not only the Auckland leg) an enjoyable and memorable event.

Three technical seminars were held with local ITE members as well as the local branches of the IPENZ Transportation Group where some valuable conversations and debates took place. In Wellington a roundtable format of discussion raised issues from international collaboration to sustainability and resilience in transport systems. While in Wellington International President John Kennedy, Past President Hibbett Neel, CEO Tom Brahms and International District Director Don McKenzie were honoured to share time with NZ’s Associate Transport Minister Craig Foss. With ITE’s increasing visibility in terms of technical advocacy it was an excellent opportunity for these senior members of ITE’s governing Board to meet with an elected official.

Travelling down country to Christchurch the group then took in some southern hospitality involving a walking tour through the Christchurch CBD to witness first-hand some of the innovations being applied to the rebuild process ranging from the Container Mall to the Space Filler project of activating bare plots of land with all sorts of community activities.





As with the time spent in Australia, during the NZ leg our North American colleagues were appreciative of being able to see first-hand the range of both innovations and advances in transport from walking and cycling, to big data, transport funding and the continued application of technology to transport.

It was a resounding success and a big thankyou to all ITE members who took part and especially those who assisted with arrangements and hosting of our ITE friends.

Don McKenzie

Monash University Student Chapter

Monash University Student Chapter had been long planning for a re-election to take place which finally did on the 13th of October, 2015. There were around 20 attendees which consisted of both postgraduate and undergraduate students. The re-elections started with the President ITEANZ giving a brief presentation on ITE and the benefits in getting involved. The short introduction was followed with some refreshments after which the re-elections were held.

The first position that was opened for re-election was Treasurer for which there were 2 nominations. Mr. Thomas Loblely was elected as the new Treasurer after his confident speech where he advised the audience on the fact that he has a Finance background which would benefit such a role. We hope to take advantage of his background in generating our revenues and better handling of our finances.

The next position that was opened for re-elections was the most important, President, for which we had a tough competition. There were 3 nominations which started off with Mr. Richard Waid who gave an excellent speech on how he would be able to benefit the student chapter with his experience. His speech was followed by Mr. Stefan Kitanovic and Mr. Sajjad Shafiei who were impressive themselves. Mr. Richard Waid was finally appointed as the president with more votes and Mr. Stefan Kitanovic was appointed as the Vice President uncontested.

The Secretary position was then opened for nominations but due to no nominations we could not appoint anyone to that role. Mr. Ahmed Rasheed Mirza, the former President will be acting as a Secretary until a suitable replacement is found.

Finally, the audience was asked for interest in joining the committee as a General Representative and there was interest shown. Below is a summary of the new committee members:

- Dr. Meead Saberi – Faculty Advisor
- Mr. Richard Wais – President
- Mr. Stefan Kitanovic – Vice President
- Mr. Ahmed Rasheed Mirza – Acting Secretary
- Mr. Thomas Loblely – Treasurer
- Mr. Xavier Calgaro – General Representative



- Mr. Peter Hosri – General Representative
- Mr. Peter Christopher Danatzis - General Representative
- Mr. Joshua Jack Williams – General Representative
- Mr. Mustafizur Rahaman – Postgraduate Representative
- Ms. Farhana Nazinin – Postgraduate Representative
- Mr. Sajjad Safiei – Postgraduate Representative

We will be looking forward to the new committee and their plans to expand ITE throughout the Engineering department.



Left to right: Past President Ahmed Mirza, President Richard Waid, Treasurer Thomas Lobley, Anthony Panayotides, Vice President Stefan Kitanovic, Xavier Calgaro, Sajjad Safiei, Mustafizur Rahaman and Farhana Nazinin.

Ahmed Rasheed Mirza (Acting Secretary ITE Monash University Student Chapter)

RMIT Student Chapter

RMIT have recently established a student chapter. The committee has been elected and is as follows:

- President: Jerry Sheng
- Vice President: Hamed Khademi
- Treasurer: Lalith Hithamillage
- Secretary: Robert Asquith
- Events/Relations: Bashini Wettasinghe
- Committee: Albert Qian

Congratulations to the new committee!

New Zealand

The focus of the ITE membership over recent times has been the ITE President's Technical Scanning Tour that swept through NZ during the week of Sept 14 (see report above). Of particular note during the event was the meeting and discussion with both ITE members and the IPENZ Transportation Group at three events in Auckland, Wellington and Christchurch. The meetings were well attended with about 20-30 people at each. The Wellington event was of specific note where we had a round table Q+A session with pre-circulated questions posed to the ITE Group members and some interesting discussion ensuing.

On a project note and as previously posted on the ITEANZ website, the tunnel boring machine AliceTBM on the Waterview motorway extension project here in Auckland is shortly due to break through the second of the two tunnels forming part of the Waterview project. For details of her progress “towards to the light” can be seen at:

<https://www.facebook.com/AliceTBM>

<http://www.nzta.govt.nz/projects/the-western-ring-route/waterview-connection/>

Don McKenzie

New South Wales

Australasian Transport Research Forum (ATRF), Sydney

Transport for NSW’s Bureau of Statistics and Analytics (BSA) together with the Research Centre for Integrated Transport Innovation (rCITI), based in the School of Civil and Environmental Engineering at University of New South Wales Australia (UNSW) hosted the 37th Australasian Transport Research Forum (ATRF 2015). The forum was held at the UNSW City Campus in Sydney from 30 September to 2 October. The event was highly successful in bringing together academics, students and practitioners from various transport fields around the world, to share in the latest innovations, research and initiatives. All research papers presented at the conference will be released soon to the public at: <http://atrf.info/papers/index.aspx>.

Sydney Light Rail

A central element of the Transport for NSW Sydney’s Light Rail Future is the CBD and South East Light Rail project (CSELR). The new light rail line will extend from Circular Quay along George Street to Central Station, through Surry Hills to Moore Park, then to Kensington and Kingsford via Anzac Parade and Randwick via Alison Road and High Street. This route was selected by NSW Government following extensive feasibility investigations and consultation with key stakeholders.

The project received planning approval on 4 June 2014 and early works began in August 2014. The CSELR will be delivered, operated and maintained by a private operating company appointed for the Sydney Light Rail network as part of a Public Private Partnership (PPP). The PPP contract has been awarded to the ALTRAC Light Rail consortium. Transport for NSW is now progressing delivery of the CBD and South East Light Rail extensions, with ALTRAC Light Rail having commenced early works at George Street on 5 October. On the 23 October, George Street (between King Street and Market Street) will be closed for general traffic for light rail major construction.

Find out more [here](#).

Sahan Wijyaratna

Queensland

Gold Coast Light Rail

Planning for Stage 2 of the Gold Coast Light Rail is now underway as the Queensland Government commences negotiations with light rail system operator, GoldLinQ. The Stage 2 works are aimed to be delivered in time for the Commonwealth Games with all three levels of Government committed to funding the extension.

The route is proposed to be an extension of the previous line, running from the Helensvale heavy rail station adjacent to the Gold Coast Light Rail line, then adjacent to the Smith Street Motorway to connect at the Gold Coast University Hospital Station.

A map of the proposed route can be found [here](#).



Ramp Metering to ease Bruce Highway Congestion

Ramp signals and electronic communications installed on the Bruce Highway between Caboolture and the Pine River will improve traffic flows at key congestion points.

Minister for Main Roads and Road Safety Mark Bailey, said the ramp signals will play the same role as traffic lights, but only operate during high-demand periods.

"Signals will control the number of vehicles entering the highway from the Dohles Rocks Road, Anzac Avenue, Boundary Road, Deception Bay Road and Uhlmann Road on-ramps," Mr Bailey said.

"The ramp signals will only operate during times of high-demand periods such as the morning peak."

Deputy Prime Minister and Minister for Infrastructure and Regional Development, Warren Truss, said the new signals used smart technology to detect and manage vehicle merge sections of the highway.

The \$34.8 million project is jointly funded by the Australian and Queensland Governments.

Aaron Hargraves

Tasmania

Midland Highway to receive \$100M more funding under Labor

Leader of the opposition, Bill Shorten, has promised an additional \$100M into upgrading the Midland Highway on top of the \$400M (recently cut from \$500M) promised by the coalition, if Labor wins the next election. The Midland Highway duplication works would be one of 10 major projects across the country which Labor will progress immediately if taking office.

Several single lane stretches of the highway are what has contributed to 1 or 2-stars out of a possible 5-stars for safety that the highway is currently rated.

Don River Railway Derailment

The Iconic Don River Railway in Devonport has suffered from a derailment after carriages ploughed through a buffer stop at Coles Beach. Brake failure has been blamed for the collision with the buffer stop.

Only one family was on board with the driver at the time of the collision and no one was injured. The driver has been praised for his quick action to move the family further back into the cabin and alerting them to brace for impact. Mr Tubbs who was on the train likened the impact to being in a car crash. "It was quite frightening and happened so quickly but no one was injured and the driver was really good when dealing with it." Mr Tubbs said.

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 meeting is due to be held at the end of this week prior to the Technical Conference in Tucson, Arizona. The Technical Meeting has traditionally been held earlier in the year (the Spring Meeting) but due to a range of conflicting meetings of other organisations it was decided to hold the meeting in October. The Technical Conference will adopt a more technically focussed format with workshops and forums, rather than plenary session and papers. For example, I will be joining two others from the ITE Tour Group to discuss some of the cycle focussed facilities and approaches adopted in Australia and NZ.

This week's International Board meeting will also be the first official event for the new Chief Executive Jeff Paniati – taking over the reins from Tom Brahms. Amongst the big picture issues that Jeff and the International Board will be facing over the coming months and years is focussing of ITE activities on strategic themes. On your behalf as International District Director I am currently participating in a strategic planning process looking to better align the activities and actions of the Institute with the ITE Strategic Plan. The ITEANZ Executive Board have provided some very helpful insights for this process some of which were the discussion points with the ITE President John Kennedy during the recent Technical Tour.

As part of the International Directors role I am in conversation with ITE members and other engineers in Korea, India, Pakistan, Greece, South Africa, Brazil, England and Turkey. Please remember that if you are ever in touch with fellow transportation professionals around the world suggest to them that membership of ITE would be valuable to them and point them in the direction of the ITE website and membership application forms!

I extend an invitation to you all to contact me at any time with any issue that I can pass on for discussion within the forum of the International Board. I would welcome the chance to discuss it with you and see if there is anything that the International Board can do to assist. Remember the ITE membership is 17,000 members strong across the globe there is usually an answer to any question from somewhere in the ITE family!

Don McKenzie, District 8 Representative



RECENT EVENTS

Gender Issues in the Transport Profession – 30th July 2015

This seminar generated considerable interest with an attendance of over 70 people. Three leading women inspired the audience with stories of their personal experiences of career development within the transport profession and their views on gender equality:

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

The event was proudly hosted by GHD at their Lonsdale Street offices.



Anita, Nerina and Laurice

RMIT Forum – August 2015

An excellent seminar was held at RMIT to inform students about careers in Transport Engineering. Lively presentations were given by Samantha Harrison, Martin Halden, Shelley Cao and Prof Richard Tay. The questions raised by students showed the real value of these sessions.



Samantha Harrison



Martin Halden

Moving Ahead in Bendigo – 28th August 2015

In collaboration with Engineers Australia and AITPM, ITEANZ organised another successful forum in regional Victoria, this time in Bendigo.

Speakers were:

- Trevor Budge, Manager Strategy, City of Greater Bendigo
- Leah Sertori, Chief Executive, Bendigo Business Council
- Trevor Boyd, Project Director, VicRoads

Trevor Budge and Leah Sertori spoke about the Bendigo Integrated Transport and Land Use Study (ITLUS) which was recently endorsed by the Bendigo Regional Council. Trevor Boyd described the impressive Calder Freeway Ravenswood Interchange, for which construction will start soon.



Trevor Budge



Leah Sertori



Trevor Boyd

Planning for Pedestrians – 8th October 2015

A very successful seminar was held at RMIT University on 8 October 2015.

The speakers were:

- Sarah Lowcock – Strategic Planner, City of Melbourne
- Manuel Lawrence – Transport Planner, Arup
- Dr Richard Tay – Senior Research Fellow in Economic and Social Development , RMIT University



David Nash



Sarah Lowcock



Manuel Lawrence



Richard Tay

This seminar covered several elements of planning for pedestrians.

- Sarah outlined the City of Melbourne's Walking Plan.
- Manuel discussed dynamic pedestrian modelling in complex environments, such as stadiums and stations.
- Richard outlined new work on pedestrian level of service.

Presentation slides can be found [here](#).

The event was proudly hosted by RMIT School of Business IT and Logistics. Nearly 90 people attended including five ITEANZ Board Members, four of which travelled using public transport!

UPCOMING EVENTS

2015 Presidents Dinner – 17th November 2015

The ITEANZ President, Mr Nick Szwed, cordially invites you to the annual President's Dinner. All are welcome.

Date: Tuesday, 17th November 2015

Time: Drinks from 7 pm, Dinner at 7:30 pm

Venue: Kew Golf Club, 120 Belford Road, Kew East (Melway Ref: 45 G1)

Guest Speaker: Kevin Devlin, Chief Executive Officer, Level Crossing Removal Authority, Victoria

Kevin will outline the program for the removal of 50 level crossings in Melbourne, and will discuss the benefits of this initiative and the difficulties in delivering it. This is a great opportunity to learn what will be happening in Melbourne over the next eight years and to network and socialise with colleagues over a delightful meal.

A number of ITEANZ awards will be presented during the evening.

The event this year is proudly sponsored by GHD and SIDRA SOLUTIONS.

Prices and booking details are available on the flyer which can be found [here](#).

Innovative Intersections – 5th November 2015

This will be an inspiring seminar discussing innovative and unusual intersection designs

Date: Thursday, 5 November 2015

Time: 4:30 pm to 6:00 pm

Venue: Jacobs Theatre, 452 Flinders Street, Melbourne

Speakers:

- **John Cleeland** - John is an expert in continuous flow intersections. He will demonstrate how these intersections can work, their benefits in traffic efficiency and how they might be applied in Melbourne.
- **Andrew O'Brien** – Chairman & Director, O'Brien Traffic, will discuss diverging diamond interchanges and other unusual intersection types.
- **David Nash** – David will give a short demonstration of how SIDRA INTERSECTION software can model and analyse these intersection types.

In addition, Andrew will give a brief report on the recent ITE 2015 Technical Conference held in Tucson, Arizona, USA.

The seminar is proudly sponsored by SIDRA SOLUTIONS and kindly hosted by Jacobs.



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 have now closed for the Emerging Professional of the Year Award, Sustainable Transport Award, Contribution to the Transport Profession Award and the Contribution to the ITE Award. Presentations for these prestigious awards will be made at the 2015 President's dinner.

Nominations and submissions are now open for the SIDRA SOLUTIONS Postgraduate Award and the GHD Student Award. Nominations Close 20th November 2015.

Details are on the [website](#).

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:

Registered Office:	ITE Australia & New Zealand Inc Suite 2, 22 Gillman Street Hawthorn East, Victoria, 3123
ITEANZ Secretary:	David Nash
Telephone:	0400 395 132
Email:	iteanz@gmail.com
Website	www.ite.org.au
Newsletter editor	Aaron Hargraves

