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PRESIDENT'S COLUMN

Bring on the AVs



At the end of a 5 km run on a 30° day, I was jogging up a hill. A car was backing out of a driveway 50 m ahead. It stopped because a car was approaching on the road. I could see the driver on the footpath and he could see me. He could have driven forward to let me pass, but no I had to stop and wait.

Another day, I was about to jog across the road at a corner. A car was approaching and its indicator went on at the last moment. I knew that I had right of way, but I didn't think the driver was going to give it to me. I had to stop and wait.

Another day, I was jogging towards a left turn slip lane. A car was approaching the slip lane. Ditto.

Three cases where pedestrians have right of way, but only get it if the driver gives it them. Not much of a right.

That's why I say bring on the Autonomous Vehicles which will be programmed to obey the law and give way to pedestrians.

North East Link Update

As I mentioned in my last column, the Community Technical Discussion Group is preparing a report which will list all of the Community representatives' recommendations that they believe would make the Project comply with the government's goals with regard to active and sustainable transport. This report would be provided to the bidders to inform them of community expectations.

Whilst this is a huge step forward, we still feel disappointed that the NEL Project is not willing to take any of these recommendation on board and modify the design requirements. They are going to leave it to the bidders to decide what might be included.

Starting a Career?

You may have noticed that we were very active last year in relation to students and young members.

This year we are looking at setting up a Young Members group – see the article by Matt Bennett.

If you are starting out on a career in transport, now is a good time to join us and get involved in the action.

Traffic Signals in Country Towns

Could someone please explain why we are installing traffic signals on highways at the fringes of small country towns?

In recent years a pair of signals was been installed on the south side of Winchelsea which has about 2,000 residents. Many years ago a similar pair was installed on the south side of Woodend (around 5,000). In both cases pedestrian volumes would be insignificant. In both cases the delays to traffic are ridiculous.



Nick Szwed
ITE-ANZ President
President@ite.org.au

ITE-ANZ: HOT TOPICS IN TRANSPORT

The 2019 ITE-ANZ Victorian seminar series launches at our February Seminar on 19 February 2019, 'Creating Safer Intersections for All.'

What transport issues, emerging technologies or projects do you want to hear about from leading professionals in 2019?

Send your suggestions to seminar coordinator Laura Aston at: laura.aston@monash.edu

Laura Aston

UPCOMING ITE-ANZ EVENTS

Young Member Committee 2019 – Planning Meeting and Workshop

Date: Tuesday, 12 February 2019

Time: 6:00 pm

Venue: Boardroom, Aurecon Building,
850 Collins Street, Docklands, Melbourne



An opportunity to join a team that leads, innovates and inspires within the evolving world of transport and traffic engineering.

This is a unique opportunity for prospective committee and non-committee members alike to contribute to a discussion that will shape the priorities and opportunities for a young member subcommittee of the Institute of Transportation Engineers.

The purpose of this meeting and workshop is to:

- Understand the work of the ITE-ANZ;
- Form the young member committee;
- Conduct a SWOT Assessment;
- Develop a mission statement for the committee;
- Set a 1-year and 5-year vision for the committee; and
- Form a set of achievable objectives aligned with the vision

All young professionals and students are welcome. Please [click here](#) to register and confirm your attendance.

ITE-ANZ February seminar

Date: Tuesday, 19 February 2019

Time: 4:30 pm

Venue: RMIT (room TBC)

The 2019 Victorian seminar series launches on 19 February 2019, 'Creating Safer Intersections for All.' The first seminar features four expert speakers who will present recent work and research involvements for safety at intersections.

- **Adrian Lim** (Senior Delivery Engineer at Regional Roads Victoria) and **Paul Mihailidis** (Director at Trafficworks) will co-present on 'Safer Cyclists – Protected Intersections in Melbourne'
- **Sarah Morris** (Project Coordinator at Regional Roads Victoria) will present on her work on rural intersections that she recently presented at the Australasian College of Road Safety conference.
- **Duane Burt** (Principal Policy Advisor at Victoria Walks) will outline research on pedestrian crashes at intersections and discuss design approaches that work for walkers (and those that don't).

Please register your attendance [here](#) or <https://www.trybooking.com/book/event?eid=464784&>



2019 Annual Breakfast Meeting and ITE-ANZ Annual General Meeting

Date: Tuesday 26 February 2019

Time: 7:15 am

Venue: RACV City Club, 501 Bourke St, Melbourne



You are cordially invited to attend the Annual Breakfast Meeting, jointly hosted by ITE-ANZ and the Transport Australia society. The Breakfast Meeting will be followed by the ITE-ANZ Annual General Meeting.

The special guest speaker this year will be **Ms Melissa Horne MP** – Victorian Minister for Public Transport, Minister for Ports and Freight.

This is an opportunity to socialise with leaders in the profession from government, private companies and academia, and hear about the government's policies, strategies and plans for transport in Victoria.

Prices (including GST):

- \$42 per person for students and retirees
- \$58 per person for ITE and TAs members
- \$88 per person for non-members
- \$750 for a table of 10 people, including table sponsorship

Table sponsorship includes display of organisation's logo on the table and acknowledgment of support at the event, in our newsletter and on our website.

Book now via [TryBooking](#)



Kindly hosted by RACV

RECENT ITE-ANZ EVENTS

President's Dinner



The 2018 President's Dinner was held on 13 November 2018 at the Kew Golf Club. The evening was sponsored by SIDRA SOLUTIONS

The guest speaker was Mr Michael Malouf, VicRoads new Chief Executive. While his presentation was limited by caretaker requirements leading up to the Victorian State Election, he addressed some of the challenges and opportunities for VicRoads and its partner agencies.

A number of ITE-ANZ awards were presented during the evening.

ITE-ANZ Awards presented at the President's Dinner

Contribution to the Transport Profession Award



The Contribution to the Transport Profession Award is presented to individuals who have made a significant contribution to the development of the transport/traffic engineering profession over a sustained period. The award recipient does not have to be a member of ITE.

2018: Associate Professor Roger Dunn, University of Auckland

Prof. Dunn is Director of Transportation Engineering in the Department of Civil and Environmental Engineering at the University of Auckland. He has won numerous teaching awards including the Inaugural Faculty of Engineering Sustained Excellence in Teaching Award, 2007.

He has undertaken a wide range of research and consulting projects. He has strong interests in traffic operations and management, land use and transport planning, transport safety, planning for pedestrians and intelligent transport systems (ITS). He has represented New Zealand on several ITS standardisation committees and has been instrumental in setting up ITS NZ.

Roger is an ITE Fellow and Life Member, a Fellow and Life Member of IPENZ, a past Chairman of the Institution of Professional Engineers New Zealand (IPENZ) Transportation Group, and a past Fellow of Institution of Highways and Transportation (UK).

Emerging Professional of the Year Award



Awarded to an individual who has made a valuable contribution the transport/traffic engineering profession, relative to their experience in their chosen field. The award recipient must be either a student, associate or full member of ITE-ANZ, and not be greater than 35 years of age (at 31 December).

2018: Sarah Zhang

Sarah is a transport planner at AECOM with eight years of experience in transport planning and pedestrian simulation. Her project experience encompasses a number of industries (infrastructure, transport, arts and culture, stadia, buildings) and has worked on a range of high profile public and private sector projects within both Australia and the United States.

Sarah is the recipient of the 2017 Engineers Australia Young Professional Engineer Award for NSW, Vice-Chair for Women in Engineering and a pedestrian panellist for the Sydney Olympic Park Design Review Panel.

"My goal for each transport planning project is to design an inviting, sustainable, and world-class environment, which both promotes the use of public transport activity and futureproofs the pedestrian and transit environment."

Sustainable Transport Award



An award to recognise an individual or organisation that has made a significant contribution to sustainable transport through research, strategy, program, project or advocacy which encourages, promotes or provides facilities for sustainable transport. This award was introduced in 2013.

2018: *Victoria Walks: Standing up for older pedestrians* accepted on behalf of the Victoria Walks team by Duane Burt.

Victoria Walks' advocacy for older pedestrians has been underpinned by research and policy work

- [*Senior Victorians and walking: obstacles and opportunities*](#) (November 2013) – a study undertaken in partnership with the Council on the Ageing and conducted by Dr Jan Garrard that analysis of existing

walking data, focus groups and a survey of 1128 seniors. In the research on seniors, 39% said that sharing paths with cyclists was a moderate or major constraint to their walking.

- [Shared paths – the issues](#) (May 2015) – a comprehensive report that included a literature review and stakeholder consultation with subject experts, VicRoads and 18 local councils. This was then summarised in a position statement, [Shared paths – finding solutions](#).
- In 2015, Victoria Walks, with the support of VicHealth, commissioned the Monash University Accident Research Centre (MUARC) to study falls in the street environment. [Fall-related Injuries While Walking in Victoria](#) (March 2016) lifted the lid on the hidden road toll – more than 5,000 Victorians each year present to hospital as a result of falls in the street.
- [Safer Road Design for Older Pedestrians](#) (August 2016) identifies ways to provide safer street environments for pedestrians 65 years or older and assessed 1,149 older pedestrian crashes. The report involved collaboration with the Municipal Association of Victoria (MAV), with funding provided by a Community Road Safety Grant from the Transport Accident Commission (TAC).

This research and policy work has underpinned Victoria Walks ongoing advocacy, including extensive media coverage; presentations to numerous conferences in Australia, New Zealand, Hong Kong, Brazil and Colombia; and policy work with agencies like VicRoads.

President's Award for Excellence



President's Award for Excellence is occasionally granted to people who have made a substantial and excellent contribution to ITE-ANZ activities – when someone has done something above and beyond.

2018: Laura Aston

On this occasion we recognised a person who came to us with an extremely ambitious proposal, then put in an incredible amount of work to pull off an event that has never been tried before in Australia and New Zealand.

Laura Aston organised the inaugural Student Leadership Summit last September. It was a sensational success. The Traffic Bowl (trivia quiz) was a big hit with the students and the feedback for the whole event has been excellent. There is a clear demand for this event to continue in future.

Laura pulled together a team of people from a number of universities around Australia and New Zealand. With a lead time that some thought was far too short, they managed to stage a brilliant Summit and Traffic Bowl.

The whole team deserves an award, but Laura conceived the idea and drove it. So we asked her to accept this award in recognition of something special that she has set up and, hopefully, it will continue perpetually.

Congratulations Laura Aston!

Outstanding Service to the ITE Award



The Outstanding Service to the ITE Award is presented to individuals who have made a significant contribution to ITE-ANZ including a number of years to the administration of ITE-ANZ.

2018 Nick Szwed, seen here receiving his award from Andrew O'Brien

Nick joined the ITE-ANZ Executive Board in 2009 and was Secretary from 2010 to 2013. He was elected President in 2014.

Nick has worked in the road safety and traffic engineering field for around 40 years. Most of this has been at VicRoads and its various predecessors.

During his final years at VicRoads he developed road safety engineering policy and guidelines. He carried out the research and initiated the 40 km/h speed limits in strip shopping centres and 50 km/hr rural towns programs.

He is currently semi-retired and occasionally provides consulting services in the areas of traffic engineering, road safety and cycling to Local Government, VicRoads and the Monash University Accident Research Centre (MUARC). He is a passionate advocate for improved bicycle facilities, both on and off road.

He is committed to ITE-ANZ and to its growth in influence and to encouraging of new young members in their activities.

Marianne Richards

OTHER TRANSPORT EVENTS FOR 2019

Avalon International Airshow 2019

Date: 26 February to 3 March 2019

Venue: Avalon Airport, Geelong, Victoria

The Australian International Airshow and Aerospace & Defence Exposition is one of Asia-Pacific's most prestigious aviation and aerospace events and the most comprehensive aviation, aerospace and defence exposition in the southern hemisphere.

Avalon hosts multiple concurrent conferences and expo streams, across the spectrum of Defence, Airlines, Business and General Aviation, Sport and Recreational Aviation, Airports, MRO, Space, Unmanned Systems, Air Safety and Ground Equipment.

While Australia and New Zealand prepare major Defence modernization programs, civil aerospace companies are pursuing the rapidly-growing Indo-Asia-Pacific airline and civil aerospace market, and the public will view the history as well as the margining future of air transport and air power.

For those interested in attending the trade days or public days at the Airshow visit:

<https://www.airshow.com.au/airshow2019/index.asp>

AITPM/Monash Institute of Transport Studies: 2019 Traffic Engineering and Management Workshop

Date: 19 – 20 March 2019

Venue: Lifeguards@200, 200 The Boulevard, Port Melbourne



Contemporary traffic engineers face daily challenges managing congestion, encouraging sustainable travel, dealing with parking issues and balancing the growing demands of stakeholders.

The 2019 Traffic Engineering and Management Workshop will help you meet these challenges by providing foundational knowledge in traffic engineering and widening your understanding of issues in contemporary traffic management. Attending the workshop will provide invaluable experience, learning from and networking with professional colleagues.

The workshop will run over two days with a dinner on the first night.

Each topic will be introduced by a speaker, followed by an activity or case study designed to practically apply the workshop content. Case studies will be designed to have relevance to practitioners from regional Victoria, suburban Melbourne or inner Melbourne councils.

Keynote Speakers:

- Andrew Wall – Director, Integration Services, VicRoads
- Nicola Belcher – Director, Asset Management, Public Transport Victoria
- Anita Curnow – Executive Director, Access and Operations, VicRoads

Workshop Presenters:

- John Reid – Managing Director, Austraffic
- David Nash – Principal at Traffinity
- Emmanuel Natalizio – Managing Director, Trafficworks
- Chris Coath – Director, GTA Consultants

The workshop is aimed at, but not limited to, traffic engineers and transport professionals from local council, state government or consulting who are 1-5 years into their career. Case studies will address inner urban, suburban and regional Victorian contexts, with a 'solutions-focused' approach. Attending the workshop provides up to 16 hours towards Engineers Australia Continuing Professional Development (CPD).

For program, registration and price details visit: www.aitpm.com.au/events/tem-workshop/

Canadian Transportation Research Forum: 54th Annual Conference

Date: Tuesday 26 – 29 May 2019

Venue: Vancouver, Canada

The Canadian Transportation Research Forum was established in 1965. It is an association of transport professionals who work for:

- Railways, trucking companies, airlines, shipping lines, port and airport authorities, terminal operators, shippers, transit operators and pipeline companies
- [Transport Canada](#), the Canadian Transportation Agency, [Statistics Canada](#), [Industry Canada](#) and other federal agencies
- Transport departments and other agencies in the provinces and territories
- Consultants
- Universities and colleges

The theme of the 54th annual conference of the Canadian Transportation Research Forum is:

“Change, Disruption and Innovation in Canadian Transportation: Navigating the New Normal”.

In light of Vancouver’s role as a gateway to and important seaport for Canada, all major modes of transportation will be featured. The 2019 conference will be forward looking and of interest to policymakers, transport service providers and their customers, research professionals in academia and research organizations.

Among the interlocking topics to feature in plenaries and paper sessions will be:

- International trade and transport (the Asia Pacific Gateway and Corridor);
- Energy supply chains;
- Transport infrastructure investment;
- Mobility pricing;
- Innovative transport technologies such as transport network platforms, autonomous vehicles and drones;
- Information innovations such as cloud sourcing, AI, block chain;
- Transport for rural and remote Canadian communities;
- Green transport and climate change.

Additional conference details and registration information will be sent out in early 2019 or keep in touch [here](#).

International Conference on Transport & Health – ICTH 2019-Melbourne

Date: 4 – 8 November 2019

Venue: Pullman Melbourne on the Park, Melbourne, Australia

Smart Cities. Disruptive Mobility. Healthy People

ICTH 2019-Melbourne aims to provide valuable insights into the health impacts of technological disruptions in transport and urban planning, governance, strategic and policy decision-making, performance tools and the potential return on investment of a dynamic system. The conference will explore how the most innovative minds in academia, practice and policy are bridging the gap between scientific investigation and real-world application

ITE has been involved with the International Professional Association for Transport & Health (IPATH) on an informal basis for the last couple of years through the ITE Transportation and Health Task Force. ITE representatives sat on program committee for the 2017 ICTH conference in Michigan and, with ITE-ANZ, is represented on the **ICTH 2019-Melbourne** conference planning committee. ITE International has committed to sponsoring a high scoring abstract award.

The overall theme of the conference will highlight emerging issues of smart cities and disruptive mobility; however, the primary focus is the impact of transport (and urban/rural) planning and design on quality of life, health and well-being in communities.

Abstract submission will be open from 6 March until 8 May 2019. To present at **ICTH 2019-Melbourne**, your abstract DOES NOT need to focus on technology or disruptive mobility.

ICTH 2019-Melbourne should attract policy-makers, practitioners and academics from multiple disciplines and professional sectors involved in transport planning and engineering, public health, urban planning, spatial and architectural design, environmental planning, economics and beyond.

If you are interested in submitting an abstract and/or plan to attend in Melbourne, please visit this website for further information – <https://www.tphlink.com/ictH-2019---melbourne.html>

ICTH 2019 - Melbourne is a product of the [Transportation Public Health Link \(TPH Link\)](#) and is organized through a collaborative partnership of the following:



International Professional Association for Transport & Health



**Smart Cities Research
Institute
Swinburne University of
Technology**

Marianne Richards

ITE GLOBAL DISTRICT

Well the New Year is upon us and brings with it the range of new challenges but also great opportunities. As New Zealand struggles with the emergence of the newest multi-modal transport technology, Lime scooters (with LimePod shared cars soon to follow), and how the transport profession and public agencies deal with their operation and regulation, I am reminded that as professionals operating in a global context we need to stay 'connected' with the comings and goings across the globe and stay responsive to the constantly changing landscape/cityscape.

ITE as the global community of transport professionals helps you do that. Please take the time and the small amount of effort to stay up to date with these changing times and, where possible, help to give back your experience and expertise to others cross the ITE globe.

TRB Conference and Board Meeting, Washington DC

Despite the snow and cold, the US Government shutdown and the closure of several of the Washington DC metro lines for maintenance, the 98th annual conference of the Transportation Research Board (TRB) was held in the second week of January with an attendance of over 15,000 people. The International Board also met in DC and, while I took the opportunity to keep my summer holiday with family here in NZ, the Board met and considered a number of the most pressing issues including the further consideration of organisational and structural changes arising out of the OneITE project.

Just before Christmas the two candidates selected for the role of Vice President (for 2020) were named. They are Lynne LaMunyon from New Jersey and Alyssa Reynolds from Nevada. The newly focussed election process has already kicked off – you should have already received email communication about it. I would strongly urge you to consider Lynne and Alyssa’s material that can be access from the home page at www.ite.org

Parking Generation Manual

A new edition of ITE’s Parking Generation Manual is about to be published. The new manual has been prepared by ITE staff, member volunteers and with inputs from and collaboration with from other industry and professional groups involved in the provision and management of parking. The updated manual follows the form set by the Trip Generation Manual, 10th Edition released two years ago. The Parking Generation Manual differentiates the levels of parking demand observed at rural, general urban/suburban, dense multi-use urban, and CBD sites. Similar to Trip Generation, Parking Generation will be available in hard-copy, electronic, and cloud-based formats in order to cater to the format that works best for users. A web-based app (ITEParkGen) will also enable users to produce parking generation data plots and statistics for the complete database as well as filtering by date and location.

Student Chapters

Many of you will have had your first experience and contact with ITE through a university student chapter of ITE. I am pleased to report that some significant steps are being taken across the ITE-ANZ Section (as well as across our Global District) regarding the formation and formalisation through Charters and Bylaws, at several other tertiary institutions. This is very good news and helps to show the increasing relevance of the global community aspects of ITE for the next generation of transport professionals throughout Australia and New Zealand. A warm and hearty thanks to all of those ITE members (and friends of ITE) who have been involved in these chapter formations.

Also:

- This year’s ITE Annual Meeting is being held in Austin, Texas between 21 and 24 July. For further information, visit: <https://www.ite.org/events-meetings/2019-joint-ite-international-and-texas-district-annual-meeting-and-exhibit/>
- A 30-member project team of ITE members is currently in the process of developing new guidance for the preparation of a Recommended Practice on Multimodal Transportation Impact Assessments for Site Development (MTIA). Further information can be found on the ITE website

Best wishes for the year ahead.

Feel free to contact me to discuss anything at don.mckenzie@stantec.com

Don McKenzie, ITE Global District Director

ITE WORLDWIDE LEARNING OPPORTUNITIES PROGRAM

Transportation Research Board 98th Annual Meeting

The Transportation Research Board (TRB) 98th Annual Meeting was held on 13–17 January 2019 in Washington, D.C. As part of the ITE Worldwide Learning Opportunities Program, ITE-ANZ sponsored Tyler O’Hare from Monash University and active ITE member to attend and present at the meeting.

The meeting program covered all transport modes, with more than 5,000 presentations in nearly 800 sessions and workshops, addressing topics of interest to policy makers, administrators, practitioners, researchers, and representatives of government, industry, and academic institutions. A number of sessions and workshops focussed on the key theme for the 2019 meeting: *Transportation for a Smart, Sustainable, and Equitable Future*. <http://www.trb.org/AnnualMeeting/AnnualMeeting.aspx>

During 2018, Tyler completed his final year university research project analysing the relationship between young drivers and cyclists on Australian roads. He studied crash statistics to determine when, where and why young drivers were having incidents with cyclists, to better understand where education modules could be implemented to prevent reoccurrence. His research assisted the **Cycle Aware** program to achieve its objective of increasing cyclist safety through young driver education. The work was further enhanced by the researchers at **Cycle Aware**, with Tyler’s support, before being submitted to the TRB for publication.

Tyler was delighted and very proud when he was advised that his work would be published, displayed and given a presentation session at the 2019 TRB Annual Meeting. The presentation session went smoothly and there was lots of interest afterwards – a high point for Tyler and **Cycle Aware**.

“While at the Meeting, I took the opportunity to attend several events, rotating through plenary sessions, poster displays and talking to people in the exhibits. ... I tried to attend sessions outside my normal scope and it proved to be very interesting.”

Tyler also attended a Monash University staff dinner organised by Geoff Rose, explored the exhibits on display in the main hall, including taking a ride in a fully autonomous mini-bus, and attended a students’ dinner hosted by ITE in its DC headquarters and met lots of others of his age from across the US and Canada.

“I spoke briefly with Bruce and Randy (they were like celebrities, you couldn’t get a hold of them!) and listened to John Davis as he gave me a run down on the Traffic Bowl and how jeopardy works!”

Once again, I would like to thank you all for the opportunity that ITE and Austraffic has provided to let me travel to the US. The conference proved very interesting and I met some very nice people through ITE’s event.”



Tyler O’Hare

ITE-ANZ COMMUNITY

Australian Government

Infrastructure Australia – Ms Romilly Madew appointed Chief Executive

On 14 January 2019, the Infrastructure Australia Board announced it had appointed Ms Romilly Madew as Chief Executive Officer, replacing Mr Philip Davies who departed the organisation last year.

Ms Madew has led the Green Building Council of Australia since 2006 and been the driving force behind Australia's sustainable building movement. She is an experienced CEO with expertise in strategy, governance and policy development and has forged strong working relationships with industry, government and community stakeholders. Her previous executive positions included Executive Director, ACT and Sustainability, Property Council of Australia, and the National Client Relationship Manager for law firm King & Wood Mallesons.

She has also held Board positions with the Australian Sustainable Built Environment Council, Sydney Olympic Park Authority and Chief Executive Women, and sat on numerous ministerial panels including the Cities Reference Group, National Urban Policy Forum and the China/Australia Services Sector Forum.

Ms Madew's achievements have been recognised with national and international awards, including the 2015 International Leadership Award from the US Green Building Council and the 2017 World Green Building Council Chairman's Award. An honorary fellow of the Planning Institute of Australia, Ms Madew has been named one of the '100 Women of Influence' by the Australian Financial Review and Westpac, and is a National and NSW winner of the Telstra Business Women's Award.

Ms Madew will begin her new role in April 2019. Until then, Ms Anna Chau is the Acting Chief Executive of Infrastructure Australia and the Executive Director of Project Advisory. Anna leads the on-going development of the national Infrastructure Priority List (IPL) and the assessment of project business case submissions which are considered by the IA Board for the IPL.

Marianne Richards

New South Wales

Cameras for detection of mobile phone use in cars

World-first cameras capable of identifying drivers illegally using mobile phones have now been installed at two locations for a 3-month pilot in Sydney. These cameras have been installed on the M4 at Prospect and Anzac Parade at Moore Park following extensive testing in 2018.

The cameras use artificial intelligence to detect illegal mobile phone use and are capable of detection in all weather and during both day and night. During the trial period no fines will be issued, with warning letters issued to those caught using their mobile phones. Upon a successful trial, these cameras may be implemented as early as April 2019.

Read more about these new cameras here.

<https://www.abc.net.au/news/2018-12-16/new-cameras-detect-drivers-using-their-mobile-phone/10624648>

Contactless payments now available on Sydney Trains

Following successful trials on light rail and ferries, contactless payments are now available on all train services across the entire Sydney Trains network and on any NSW Train Link Opal service. Contactless payments can be made with more than just credit and debit cards. Mobile wallets and wearable devices are also valid devices to tap on at Opal readers.

Fares purchased this way will feature the same cost as the standard Opal distance-based fare, increasing the convenience for infrequent travellers and tourists whilst also benefiting regular commuters who may have forgotten their Opal card. Plans for expansion to the bus network are planned for mid-2019.

Read more about it on the Transport for NSW website here.

<https://transportnsw.info/news/2018/more-ways-to-pay-on-trains-ferries-light-rail>

First completed test journey on Sydney Metro

Australia's first driverless metro train completed its first journey along Sydney's new \$8.3b Metro Northwest railway line in mid-January. Following the temporary closure of the Epping to Chatswood line to upgrade the rail line to the new metro standard, major upgrade works have been undertaken with platform screen doors now installed at all Sydney Metro platforms.

Stations and commuter car parks are nearing completion and train testing, signalling, braking, and acceleration are currently being tested with Metro Northwest planned for an early to mid-2019 opening.

Read more about the Sydney Metro project at the official website: <https://www.sydneymetro.info/>

Eric Ye

South Australia

Tony Braxton-Smith appointed new CEO at DPTI



The Department of Planning, Transport and Infrastructure (DPTI) is 'rudderless' no more.

On 24 September 2018, the South Australian Government announced that it had filled the last of its major vacant departmental leadership roles with former Great Southern Rail boss Tony Braxton-Smith.

Mr Braxton-Smith took over the role from Ms Julienne TePohe in late October 2018. Ms TePohe acted as the department's CEO, after the departure of former boss, Michael Deegan, in March 2018.

Mr Braxton-Smith has significant experience in the transport industry, including seven years as Chief Executive Officer of Great Southern Rail (GSR) when it was part of Serco. GSR operates The Overland, The Ghan and The Indian Pacific train services. He has also served as Executive Director of Transport for Serco Asia Pacific, Chief Executive of Dreamworld and Regional Director of P&O Services in Latin America.

He was briefly Executive Director, Transport, for Serco in Australia before joining the NSW Transport department in 2011, where he was Deputy Secretary in charge of Customer Services. Mr Braxton-Smith made comment that he is *"excited at the prospect of dedicating my skills and experience in both public and private sector to doing great things for SA."*

Minister Knoll's noted that he was *"very pleased to announce that Mr Braxton-Smith has accepted the role of Chief Executive and looks forward to working with him to deliver the Marshall Government's exciting infrastructure, planning and public transport reforms. Mr Braxton-Smith brings to this role a wealth of private and public sector experience from around the globe... he has an intimate knowledge of the workings of the largest state government transport agency in the country which will be invaluable as he leads South Australia's department."*

GlobeLink launch

On 13 December 2018, DPTI took the opportunity to join with the freight industry at the *GlobeLink DPTI & SA Government Freight Market Sounding*.

GlobeLink is a long-term plan to maximise South Australia's import and export potential for the economic benefit of the state. Through the *GlobeLink* proposal, the South Australian Government is planning to upgrade the State's freight export infrastructure. The development of a Master Plan and Business Case for *GlobeLink* is a South Australian Government priority and DTPI is managing the project.

DPTI has already started work on a major study of a new intermodal freight hub in the Murray Bridge region, which includes looking at a freight-only airport and road and rail link to the north, bypassing Adelaide. Thoughts and ideas are currently being gathered and will be analysed during 2019.

Further information: <https://strongplan.com.au/wp-content/uploads/2018/01/21-GLOBELINK.pdf> and <https://www.saglobelink.com.au/>

Peter Doupé

Nine regional airports to receive high-priority upgrades

On 4 October 2018, the South Australian Government announced nine priority projects at regional airports that will share almost \$850,000 as part of the latest round of the *Support Regional Aviation fund*. The successful projects include:

- Mount Gambier Airport: Repairs to Taxiway A1
- Whyalla Airport: Self-service fuel station and installation of a command centre shed
- Streaky Bay: Secure, vermin proof aerodrome fence
- Port Pirie: New fence and improvements to runway and waiting room
- Coober Pedy Airport: Line marking on runway 04/22 and taxiway and a new secure airport fence
- Port Augusta Airport: Design of a compliant lighting control system
- Naracoorte Aerodrome Airport: New taxiway and apron and hanger facilities

The South Australian regional airport network is also supported through the Regional Growth Fund, assisting airports to conform to regulatory requirements, accommodate changing airline fleets, grow regional aviation markets, and thus deliver regional economic and social benefits.

Marianne Richards

Tasmania

Industry Awards – Tasmanian Transport Association.

The annual industry awards by the Tasmanian Transport Association were presented at the TTA 2018 Gala Dinner & Awards Night held on 27 October 2018 in Launceston, celebrating the achievements of those in the Transport sector.

Winners on the night included:

- NTI 2018 Professional Driver of the Year Award: Kerri Connors
- NTI Award for Most Valued Contribution to the Transport Industry: Brett Charlton
- The Gallagher Insurance 2018 Transport Industry Young Achiever Award: Seton Broomhall
- BPW Transpec 2018 Transport Industry Apprentice of the Year: Adam Smith
- TRANZnet Trainer of the Year: Paul Baxter
- TTA Life Member: Robin Phillips

During the event, Deputy Premier and Infrastructure Minister, Jeremy Rockliff MP, also acknowledged the importance of truck drivers and the trucking industry in Tasmania, committing a \$22,000 grant towards a heavy vehicle rest area strategy for Tasmania

Aaron Hargraves

Victoria

Following the Victorian State Elections in November 2018, the Andrews Government was returned for a second term. Victoria's infrastructure investment and transport planning projects are proceeding with vigour.

Safety and Security

Lowest ever annual road deaths, but still far too many

Victoria has recorded its lowest number of road deaths since records began. Last year 214 people lost their lives on Victorian roads, 45 less than in 2017 and 29 fewer than the previous record low of 243 in 2013.

The Victorian Government's \$1.4-billion four-year *Towards Zero Action Plan* has aimed to reduce the number of lives lost on Victorian roads to fewer than 200 by 2020. While the record low road deaths in 2018 highlights that Victoria is moving in the right direction with its approach to road safety, history shows that there is no room for complacency. The 214 lives lost are still 214 too many.

- Country people are still over-represented in road deaths.
- 38 pedestrians died across Victoria in 2018, an increase on the 31 who died in 2017. 32 deaths occurred in metropolitan areas.
- Seven cyclists lost their lives in Victorian road crashes in 2018, down from 12 deaths in 2017, and five of those fatalities happened on metropolitan roads.
- Young driver deaths (aged 18 to 25) reduced dramatically in 2018, with 14 deaths compared with 31 in 2017.

CBD Security Works Update

The Victorian Government has invested more than \$50 million to fund priority security improvements, including permanent physical protections at nine locations and a new public address and CCTV system.

- More than 100 permanent barriers and bollards will be installed at Flinders Street Station and the adjacent Princes Bridge. These works will significantly improve safety and ease congestion for pedestrians in one of the city's busiest high-profile public spaces.
- Permanent bollards have already been installed at Bourke Street Mall, while concept designs have been completed at the other six sites with works due to begin in 2019. The public address and CCTV system upgrade is being rolled out across 95 locations, with the majority of sites now fully installed and operational.

For more information, visit: <https://www.vic.gov.au/melbournesecurityupgrade.html>

Project updates

Metro Tunnel Project

The Metro Tunnel construction has been coordinated to coincide with upgrades of power, signalling and communications on Melbourne's train network in preparation for a new fleet of bigger trains due later this year. Large-scale excavation is now underway across all five Metro Tunnel station sites, with around five million tonnes of rock and soil set to be removed from beneath Melbourne.

Most recently, works have commenced at:

- The future Anzac Station site on St Kilda Road, with excavation of a 300-metre-long, 30-metre wide, and 22-metre-deep station box.
- The Parkville worksite for the new Parkville Station, with excavation of a 270-metre long and 30-metre-wide station box around 30 metres below Grattan Street, between Leicester Street and Royal Parade.

Around 2.5 million tonnes of rock and soil will be excavated to construct the five Metro Tunnel stations, while the same amount will be removed to dig the twin nine-kilometre tunnels. Suitable topsoil and excavated material will be re-used wherever possible, including to rehabilitate old quarries, improve public open space and support other suitable construction projects.

More than 120 engineering cadets have already gained a career head start, with many completing training at the project's jobs and training centre, MetroHub, next to the Anzac Station site. Engineering cadets have already worked more than 135,000 hours on the Metro Tunnel, while almost 100 extra tertiary students studying a range of disciplines have worked on the project as part of industry-based learning opportunities.

Tunnel Boring Machines Arrive in Melbourne

The first of two tunnel boring machines (TBMs) for the West Gate Tunnel Project, Bella, recently arrived at Port Melbourne and is currently being assembled at a project worksite and will measure 90 metres in length. The first of four TBMs for the Metro Tunnel project is due to arrive at the Port of Melbourne in late January/early February.

Melbourne Airport Rail Link

Soil testing to help inform the detailed Business Case for Melbourne Airport Rail Link has begun as preliminary planning works ramp up. Construction of Melbourne Airport Rail Link is scheduled to start in 2022, subject to required approvals. Construction is expected to take up to nine years.

Geotechnical drilling and investigations will establish ground conditions and soil quality, and involve drilling boreholes up to 25 centimetres in diameter and 45 metres deep to collect soil and rock samples. These investigations are being conducted at six sites around the M80 Ring Road in Tullamarine and near the Maribyrnong River to guide further planning for the preferred Sunshine route. The works will inform the design of the new rail line and how it will be built, with a further phase of testing to occur later this year.

Regional Transport services

The Overland train service

In December 2018, the Minister for Public Transport, Hon Melissa Horne, announced the Victorian Government would provide \$3.78 million to help fund The Overland train service between Melbourne and Adelaide during 2019 to keep a key part of Australia's transport history alive.

The 828-kilometre service is operated by Great Southern Rail (GSR) and stops at Murray Bridge, Bordertown, Nhill, Dimboola, Horsham, Stawell, Ararat and North Shore in Geelong.

The 131-year-old route had been supported by both the Victorian and South Australian Governments since 2000, but last year the South Australian Government announced it would not be funding the service after 31 December.

Sharp Airlines services in Western Victoria

The Victorian Government and councils in south-west Victoria have provided funding support to Sharp Airlines for six months to keep flights between Essendon, Warrnambool and Portland in the air. After close to thirty years of successful operation, Sharp Airlines had been due to fly its last service in early January. The government's assistance guarantees the twice-daily-weekday and Sunday services continue until July.

The government will work with the airline, the Glenelg Shire Council, the Warrnambool City Council, regional tourism bodies, and industry to increase passenger and freight services on the route. Tourism initiatives to be explored include new flight options, accommodation and tour packages to attractions such as the Twelve Apostles, Tower Hill, the Budj Bim Cultural Landscape and Cape Bridgewater.

Further information

- The Transport for Victoria website provides a comprehensive list of ongoing and scheduled projects. Visit <https://transport.vic.gov.au/our-transport-future/our-projects>
- The timelines for various infrastructure projects are available <https://bigbuild.vic.gov.au/projects>.
- Public transport network/service project updates are also available at <https://classic.ptv.vic.gov.au/projects/>

Marianne Richards

WA, ACT, QLD, NT

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 end of this newsletter.

Marianne Richards

New Zealand

The start to the year has seen hot temperatures in New Zealand, mostly coming from Australia's heatwaves. While not as intense as the 'lucky country', we've still had roads melting and maintenance crews working hard throughout the country. In Wellington, the overhead rail power lines got too hot and stopped working, so we do need to consider how our transportation network will be able to respond to the likely increase in extreme weather events.

The increased focus on safety through government policies has seen another \$20M injected into the sector, with this money to be split across the regions rather than focused on the bigger cities. Central North Island areas in particular get some extra money for their projects.

On a personal level, I am now part of the ITE Traffic Engineering Council 2019 Executive Committee, so can be a voice for the ITE-ANZ section. I'll give a bit more information in upcoming newsletters as I get more into the committee work. Thanks to David Nash and Don McKenzie for the subtle push to get me to look at this opportunity.

David Mitchell

ITE-ANZ YOUNG MEMBER AND STUDENT ACTIVITIES

Young Members

Following the success of last year's inaugural Student Leadership Summit, ITE-ANZ is seeking to form a Young Member Committee to foster a proactive group which leads, innovates and inspires within the traffic and transport engineering space.

In line with ITE-ANZ's vision to develop the next generation of motivated and empowered transport engineers, the Young Member Committee is envisaged to be an anchor group that provides advocacy and support to help elevate the impact young professionals and students can have within industry. Amongst other things, the Young Member Committee will seek to coordinate events, host educational seminars and provide mentorship opportunities for its members, including running the 2019 edition of the Student Leadership Summit.

To kick-start the young member committee, ITE-ANZ will be hosting a planning meeting and workshop at 6:00pm on 12 February 2019. (See *Upcoming ITE-ANZ events on Page 3 for details*)

For all questions, enquiries and further information, please email Young ITE at iteanzsls18@gmail.com

Ruw Palapathwala and Matthew Bennett

Monash Student Chapter Update



Who are we?

Transport Engineers at Monash (TEM) is a dedicated transport engineering club for Monash Engineering students. We aim to bridge the gap between students and the industry.

2019 Events

Mentoring Program

In the mentoring program, we pair one student with one professional from the transport industry. The students are all from Monash University. Many students apply and a few are selected based on their responses to the application and the availability of professionals. In the 2018 batch there are 50 mentees and 50 mentors. Students can join the program either in Semester 1 or Semester 2. The program lasts for one year, at the end of which each mentee is provided with a certificate.

After we pair the mentors and mentees, each pair is free to choose their own venue, frequency of meetings and method of interaction. TEM catches up with the participants of the program every three months to obtain feedback and resolve any issues the participants might be facing.

If you interested in applying for the program, please fill out this form:

- For mentors: <https://goo.gl/forms/QxURUg4ZD7pmbOWA3>
- For mentees: <https://goo.gl/forms/oxU8DtdcaScLQmCw1>

Lunchtime Talk

The '**Lunchtime Talk**' events are organised by TEM usually during May and October. In the 2019 editions, we plan to invite speakers from the transport industry to talk about major infrastructure projects, new developments, pathways to a career in transport engineering, and also from recent graduates to talk about final year projects

Jeyashivraj Parthiban, TEM President
Branavan Ramalingam, TEM ITE Liaison

WEBMASTER

Read something interesting lately that you would like to share with the wider transportation community?

Arash Fatemi is the new ITE-ANZ webmaster and he is eager to share high quality and interesting news via the ITE-ANZ website.

: If you find something worth sharing, or would like to make an original contribution, email Arash at iteanzsls18.web@gmail.com or seye0001@student.monash.edu

Arash Fatemi

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\$210 a year?
- For students, membership is free in the first year and then only \$30 per year!
- Young Members up to age of 30 now also receive reduced dues.

We would like to have more young people on our ITE-ANZ management committee, so why not join the ITE and then consider coming onto the committee! Further details of dues for young professionals can be found at this webpage - [Students and 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](#).

ITE-ANZ NEWSLETTER CONTACTS

If you would like to contribute something of interest to transport professionals in a future newsletter, please send it to secretary@ite.org.au.

If you do not wish to receive future newsletters, send an email with the subject "Unsubscribe Newsletter" to secretary@ite.org.au

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