

Transportation



Talk

CANADIAN INSTITUTE OF TRANSPORTATION ENGINEERS MEMBER NEWSLETTER

Volume 37, Number 4

Finding What's Lost

THE LOST SPACES IDEAS COMPETITION INVIGORATES CALGARY'S LEFT BEHIND & IN-BETWEEN

Author: Amery Calvelli
Co-founder, dtalks.org

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A design call in early 2015 sparked international interest in how to revitalize empty, leftover spaces in the urban realm. Artists and designers, engineers and architects, planners and citizens joined their expertise to generate over 290 ideas to cure the ills of past planning – those public realm spaces effectively deemed left behind and in-between as verges, roundabouts, and cutaways.

Calling the leftover spaces "lost spaces," our grassroots organization, Design Talks (d.talks), produced the *Lost Spaces Ideas Competition* working with the support of Watershed+ – a cornerstone of The City of Calgary's Utilities and Environmental Protection Public Art Program – and a number of other City departments such as Parks, Transportation, and Planning. The competition took place January 5 to March 30, 2015 in Calgary.

Our call was open to anyone. We saw the competition as an opportunity to consider art, biodiversity, water management, utility, memory, and the function of the public realm – all in order to rethink what previously has been left behind. Design ideas came from everywhere: The Netherlands, Venezuela, Serbia, Singapore, Morocco, and Argentina. Submissions from 40 countries contributed unique solutions to Calgary's lost space challenge.

MULTI-PRONGED APPROACH

Many of the ideas submitted are visionary, successfully blending social, ecological, and economic considerations while integrating multiple approaches to the design challenge. Since Transportation isn't alone in addressing the considerations of a lost space, many ideas

Continued on next page

FINDING WHAT'S LOST cont'd



Transportation Field Prize: Occult Prairie by Casey Collins and Judit Urgelles

capture elements that other business units such as Water Services, Parks, Planning, and Public Art are exploring within the public realm.

Blending public transit with planning and the reframing of a park, one team stitched together the lost spaces along a local bus route in Calgary with sections of native landscaping. Called *Occult Prairie*, designers Judit Urgelles and Casey Collins proposed that lost spaces could be reclaimed while drawing a connection to the indigenous plant species that covered the

ground prior to urban development. The point A to B aspect of transit is instead reframed with both a social and ecological experience that evolves day to day. The linked spaces respond to seasonality, from blossom to seed.

Taking an abandoned rail line in the southern region of the city, one proposal from Columbia took the long view. Called *Lost Railways*, the first prize entry by Laboratoria de arquitectura y paisaje captured the jury's imagination for its ability to evolve over generations. Abandoned train cars can be immediately



First Prize: Lost Railways by Laboratoria de arquitectura y paisaje: Edgar Mazo, Sebastian Meija, Iojann Restrepo, Glenn Pouliquen



Honorable Mention: Outplay by Mihail Dimitrov, Ana Dyadkova, Stamena Slavova, Stoyko Enchev, and Simona Kabadova

filled with soil to produce gardens, or with water becoming a miniature pond. Ecosystems unfold over time. A tree planting matures and is harvested for wood landscaping and benches. The reframing of a park, of stormwater management and of public art was visible, revealing layers of history and human intervention over decades.

RETROFITTING INFRASTRUCTURE

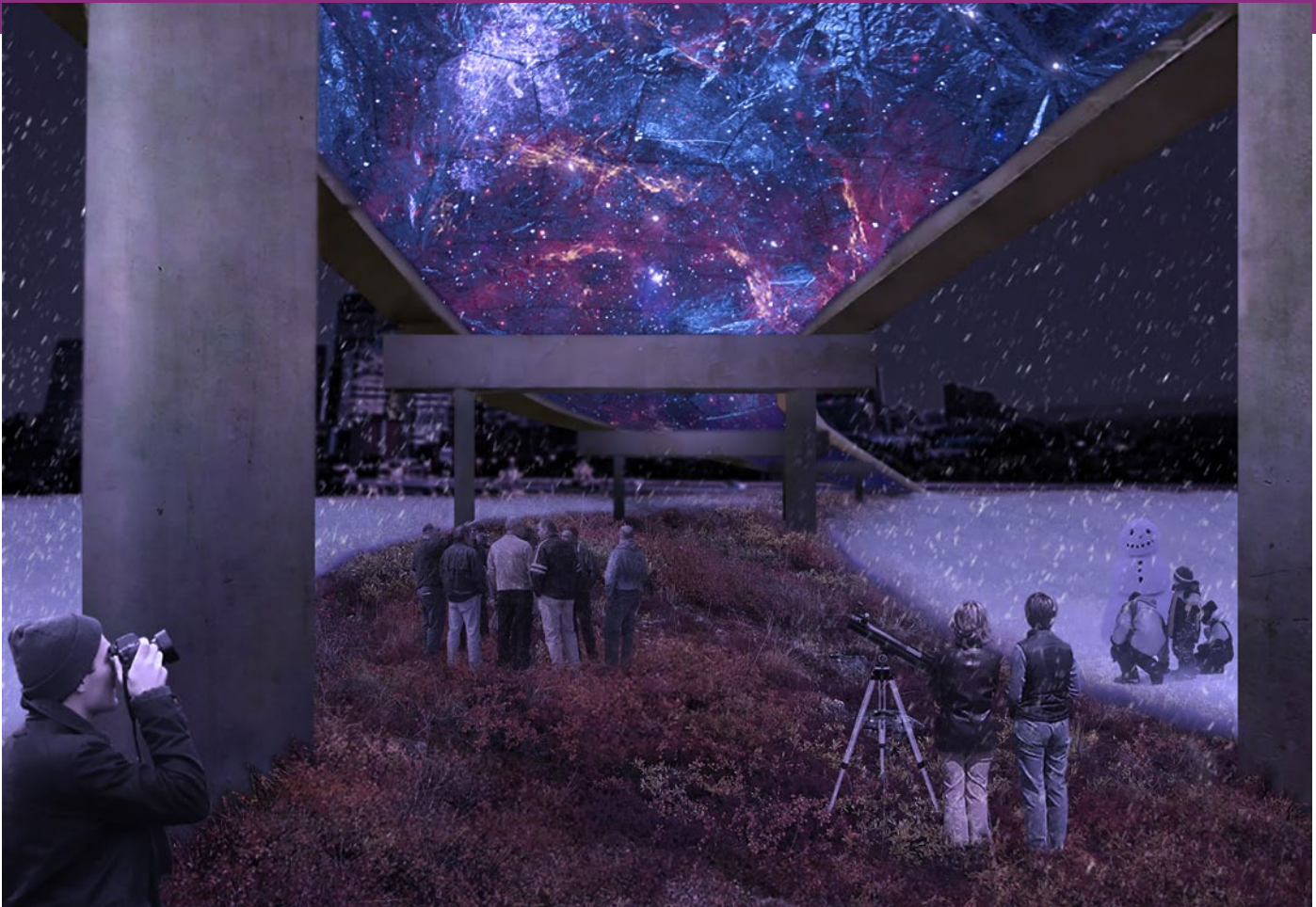
Transportation infrastructure was explored in a variety of submissions. An idea receiving honourable mention was *Outplay* created by five collaborators in Bulgaria: Mihail Dimitrov, Ana Dyadkova, Stamena Slavova, Stoyko Enchev, and Simona Kabadova. Selecting a pedestrian bridge crossing a six-lane highway that penetrates a close-in northwest neighbourhood, the team identified numerous activities that

could be built into an overpass to give people something to do while waiting. Slowing down space, the idea creates crevices for staying and socializing with other pedestrians and cyclists. Simple as the idea may be, the concept is transformative. What if an overpass could be a meeting place?

A Calgary-based team re-envisioned the circular grassy area of a cloverleaf interchange into a greenhouse that would align with a Council-approved City Plan to provide a more resilient food system for the region. Called *Clover Leaf*, the entry outlines an opportunity to convert into urban agriculture an estimated 1,700 hectares of arable land consumed by The Transportation and Utility Corridor and the Calgary Ring Road. Conceived by David Whittman, Jonathan Sagi, Katelyn Junkin, Mike Murray, Dave Robertson, and Hannah Perry; their idea proposes an increase to Calgary's urban farmland by 16%.



Planning Field Prize: Clover Leaf by David Whittman, Jonathan Sagi, Katelyn Junkin, Mike Murray, Dave Robertson, and Hannah Perry



Public Art Field Prize: *UnderSky* by Jorge Sanfulgencio and Julio Romero

Numerous submissions explored the concrete overpass. A Spanish team's proposal outlines a re-connection with the constellations in the night sky. Created by Julio Romero and Jorge Sanfulgencio, *UnderSky* recommends a retro-illuminated membrane adhered to the underside of multiple overpasses throughout the city. A chain of canopies renews once hidden constellations, drawing attention to the web of overpass infrastructure that connects us.

Another overpass idea tackles the elevated light rail station of a new West LRT that opened in 2012. Designers Yves Poitras and Trevor Steckley conceived a multi-faceted program of activities designed into the underside of the Sunalta station – an elevated urban hammock, a climbing wall, performance stages and a market.

BIG IDEAS CAME FORWARD

The parameters of the competition were intentionally wide. Our collaboration with Sans façon, the lead artists of The City of Calgary Watershed+ public art program, as well as the multiple advisory from The City's Departments offered insights informing the competition criteria that reflected the complexity of a "lost" site. While lost spaces border our roads and transportation

infrastructure, the ability to respond to deficiencies in the public realm, to contribute to stormwater management, and to connect to the memory of a site increase the complexity. Realizing that the urban realm is also home to corridors attracting biodiversity, we wanted to insure that the call for ideas would seek solutions connecting lost space fragments used by wildlife.

Our advisory was essential in developing a call that encouraged multiple approaches to the design challenge while advancing thought on the current use of a site. "The open-minded and collaborative development of the competition demonstrated a willingness amongst departments to think anew about solutions for these lost spaces," said Sans façon's Tristan Surtees. "The outpouring of ideas demonstrated how even a small space, one that might seem insignificant, is actually a place that can be loved."

One of the entries approached a lost space from the notion of open space. Called *Greetings from Calgary*, the idea argues that once a program or building fills in a space, the unfinished opportunity of the site vanishes. Instead, Italian designers and artists Federico Perugini, Thais de Roquemaurel, Alessandra Vizzini, and Paolo Pirasso created a series of lost space postcards. Referencing architect Cedric Price's concept of

FINDING WHAT'S LOST

conclusion

"calculated uncertainty" and "conscious incompleteness," the team suggests that, "A space is lost in the moment that we consider it completed, that we don't see alternatives anymore." Making the case for seeing lost spaces in the urban realm, we're handed an opportunity to contemplate what is empty.

The jury, which included editor Susan Szenasy, architect Pierre Thibaut, landscape architect Sean Coen, and art curators Diana Sherlock and Shauna Thompson, selected a shortlist of 12 winning submissions that were exhibited at a contemporary art gallery in downtown Calgary. The ideas were displayed in the windows of a light rail platform and in the lobby of the Central Public Library. Public photo submissions of lost spaces were on view in the gallery.

If lost spaces are the ghost of the planning past, the hundreds of solutions put forward through the *Lost Spaces Ideas Competition* are a multi-faceted and living gift to the city and its citizens. An ideas competition is a chance to probe the visionary on paper and engage a broad range of public. Many of the submissions to this competition have helped build public vocabulary on the complexity of the built environment. Others may even spark neighbourhood action.

Amery Calvelli is a co-founder of d.talks, and more detail about the organization can be found at: dtalks.org



Honorable Mention: *Lineside Park* by Yves Poitras and Trevor Steckley

PRESIDENT'S PONDERRINGS



Jen Malzer, P.Eng.
Canadian District President
president@cite7.org

Hello to all, I hope 2016 is treating you well! It's definitely an interesting time to be in the transportation profession: from winter maintenance to interesting active modes (I have a colleague working on skis for his child's trailer to tow behind his 'fat boy' bike). It is also a very exciting time for CITE. To give you a sense, I have a condensed list of 11 highlights:

1. **Kelowna Conference:** our Kelowna Local Arrangements Committee has an amazing program put together. They are well on their way and we can't wait – registration information coming soon!
2. **TLC:** our technical arm onboarded several exciting projects in 2015. 2016 is the year to support our project managers to deliver some CITE gems.
3. **New website:** thanks to Steven, our excellent Administrator, our new website (still cite7.org) has launched! Of note is a new events page -- please have a look and let us know of events we can help promote..
4. **Social Media:** we have launched into social media and I am thrilled to be able to welcome a new volunteer, Erica Bayley, to help with our formal policy. She is a familiar face and proved herself in the trenches of the Waterloo conference.
5. **Strategic Plan Update:** thanks to our Board for travelling to Calgary in November to update our strategic plan. We had a great time and identified pages of ideas with eight top action areas. I look forward to working with the Board and new volunteers on developing these out in 2016 (more below).
6. **Young Member Committee:** in November CITE launched this new group to help give a voice to an important segment of our membership. They have been asked to develop a vision, governance structure, and host activities. The group also travelled to Calgary in November and proved they had ideas and energy.
7. **Training task force:** thank you to Kerra Mruss for stepping forward to help develop a plan for future training. We will assemble Kerra a team to get this going this will be the focus of our Board's first meeting in 2016.
8. **Scholarships:** we are looking forward to celebrating this year's student achievements and thrilled to announce WSP has come forward as our new sponsor for our undergraduate scholarship, which includes the opportunity for an internship.
9. **ITE coordination:** we thank Bruce Belmore for 11 years of service and welcome Gene Chartier to the executive as District Director. With Jeff Paniati as new lead of ITE, ITE has introduced new forums to ask for feedback from the Districts. I'm sure that will keep Gene busy... also as co-chair of the 2017 ITE conference in Toronto!
10. **TAC Appointees:** we have a callout in this edition for three new TAC appointees. I am looking forward to a coordinating dinner (details TBD) with all of our TAC Appointees in Ottawa in April.
11. **Editor:** this is Sandy Rempel's last edition of Transportation Talk, sniff, sniff. It is so hard to say goodbye, she has brought about so much change to our communications newsletter, conferences and emails. Over the last seven years she has been a responsive and thoughtful extension of our team and provided great continuity where all of our other positions rotate. Sandy, we wish you all the best!! We are comforted to be able to welcome Evonne Donaher as our new editor. She has great experience and will help us with future editions and with new kinds of materials to go with our new website.

I want to end with some thank yous and a bit of a summary of our recent strategic plan summit in Calgary. First, thank you to Emery Calvelli for a fantastic feature article on lost spaces. The Calgary Green Line LRT project is working with Emery and d.tox to hopefully find our lost spaces at the planning stage. It's inspiring to see what opportunities are out there! Our City of Calgary colleagues also gave financial and inkind support as host city for our strategic plan update. Community partners and Calgary's mayor also helped make this weekend inspiring with walks, tours and video greetings. There is no doubt support for CITE and excitement for innovation in transportation. Here are a few of the details of that weekend.

Strategic Plan Update

Last June in Regina our Board voted to update CITE's strategic plan. The last update was in Toronto in 2009, and the intention at the time was that the plan be revisited about every two years, roughly coinciding with the start of a new president. Reviewing the 2009 plan revealed that it is still very strong and speaks to our core values. The executive worked with a facilitator to plan a one day session. Ten of 12 Section Presidents were able to travel to Calgary as well as the Technical Liaison Committee and the Young Member Committee. It was invaluable to all be together. To gather and develop actions, we spent time throughout the day working through these questions:

1. What are some of CITE's recent successes?
2. In what ways can we make CITE even better in 2016 / 17?
3. What obstacles might stop us from achieving new successes in 2016 / 17?
4. How do we overcome our obstacles to create new successes in 2016 / 17?
5. How do we execute our strategic initiatives for 2016 / 17?
6. A Presentation - Young Members Committee Plan for 2016 / 17

These questions gave us pages of ideas, each corresponding to eight priority action areas:

- Student & young member involvement
- Innovation Section
- Inclusivity & collaboration
- Our profile in the community
- Training
- Communication tools
- Member engagement

We are starting to work through these priority areas, and I encourage you get involved if you are able to volunteer and have an interest. Please be in touch with your Section president or with the CITE executive to learn more about the plan.

*Calgary Transit providing us with an exclusive charter tour of the new West LRT leg. Thank you to **Doug Morgan** who joined us to answer questions and give the highlights of Calgary's biggest capital project. Doug is a past president of ITE Southern Alberta and the Director of Calgary Transit.*



We were spoiled to a reception and walking tour of Calgary's East Village by Amber OsadanUllman and three of their ambassadors on the Friday before our working session. This is an exciting new development, will be home to a new library, the first zeroparking condo tower, and the new national music centre.



Staying downtown gave us the chance to see some urban active art and walk to all of our outings. All enjoyed being able to stretch our legs and fortunately, the good weather.



Thank you to the City of Calgary and Mac Logan for donating meeting space for our meetings. Despite the great views, we really got down to work!



DISTRICT DIRECTOR MESSAGE



The ITE Winds of Change

A handwritten signature in black ink that reads "Eugene J. Chartier".

By District Director Gene Chartier

Hi folks!

This is the first of twelve columns I have the pleasure (and challenge) of writing as your District Director. I am excited and honoured to be representing CITE for the next three years on the ITE International Board of Direction (IBOD), during a period of unprecedented change and opportunity in the organization's history. More on that to follow!

With each column, I hope to bring you up to date on what is happening at the international level with ITE. Before doing that, let me begin by recognizing our outgoing District Director, Bruce Belmore of MMM Group (WSP Group) in Regina. I have come to know Bruce rather well over the past 10+ years, having followed him through the CITE Executive Committee rotation. At every turn, Bruce has welcomed and guided me into each new role, knowing exactly what to say and do (oh my, the files!) to help me become successful in the position. You won't meet a more dedicated and passionate supporter of ITE than Bruce. He has been instrumental in advancing the organization on many fronts, including renewals of *Transportation Talk* and the website, our Strategic Plan update, the Communications Coordinator position, the eCommerce site, two successful CITE conferences in Saskatchewan, the Annual Awards Program, and LeadershipITE, to name just a few of the many initiatives Bruce has championed since joining the Executive Committee in 2003. Thank you, Bruce. We will miss you!

This is also the last edition of *Transportation Talk* for our beloved newsletter editor Sandy Rempel. Sandy has done a masterful job of coordinating CITE's communication program since 2007. She has raised our profile on several fronts, most noticeably

with this newsletter. On a personal note, Sandy has helped me on countless situations and become a trusted advisor and friend. Thanks so much for everything you've done for CITE!

My term as District Director (un)officially commenced last October with my inaugural IBOD meeting in Tucson, AZ. The meeting was held in conjunction with ITE's Fall Technical Conference, and featured the graduation ceremony for the 2015 LeadershipITE class. Last year's group included four Canadian District members, including Tyler Golly of Stantec in Edmonton, "voted" by his peers as the class "valedictorian". Tyler will continue to serve as a member of the LeadershipITE alumni committee, which is chaired by another Canadian, Dale Bracewell from the City of Vancouver. Check out Tyler's article on LeadershipITE in this edition of *Transportation Talk* to learn more about the program and his memorable experience.

For 2016, the District is again well represented, with my colleague Jim Mallett of Paradigm Transportation Solutions Limited in Waterloo, and Erin Toop from the City of Edmonton participating in the program. Erin is the inaugural CITE nominee for LeadershipITE. Going forward, we will be sponsoring one Canadian District member annually to attend this outstanding and worthwhile program. Visit www.ite.org/leadership/ to find out more about Jim, Erin, and LeadershipITE.

The Institute's Headquarters is undergoing a major change. As most of you know, former ITE Executive Director / CEO Tom Brahms retired at the end of December after 43 years of service to the organization. Tom's knowledge, vision, and steady hand contributed greatly to the Institute's success over the years. His

successor, Jeff Paniati, has now assumed all responsibilities of the position and is already demonstrating his exemplary leadership and management skills, working to position the organization for years of continued success. ITE has also hired a new Associate Executive Director / COO, Kathi Driggs, and new Senior Director of Membership, Colleen Agan, to help administer the daily affairs of the Institute. This new leadership team has an ambitious plan to retain and grow membership, enhance communication and engagement with members, and advance ITE's flagship technical programs and publications.

Their first task will be to address ITE's financial state. The organization's fiscal position has weakened since the 2008 recession due to a diminishing number of full dues-paying members and a reduction in the traditional revenue streams of publications, education, and meetings. In 2015, one-time costs associated with ITE's search and hiring of the new Executive Director / CEO and Assistant Executive Director / COO, in addition to implementation of modern accounting systems, further impacted the organization's financial situation. Jeff is engaging ITE staff in a full review of all programs, projects and activities to identify opportunities to expand revenues and reduce operating costs. He will also be working with the Institute's Executive Committee and IBOD to return revenue and expense to a balanced to surplus state that will allow replenishment of ITE's reserves to a more sustainable level.

These challenges aside, ITE is working hard to position itself as the "go to" place for professionals involved in the planning, design and operation of transportation systems. In 2016, the Institute intends to leverage existing partnerships and elevate the profile of ITE as an industry leader, in large part through the services and products provided to its members and the profession more broadly.

As an example, ITE is set to issue several milestone publications this year, beginning with the new *Traffic*

Engineering Handbook slated for release this month. The release of this updated technical reference will be supported by meaningful webinars to educate members on what's new in the document. ITE is also moving in new directions in trip generation as the organization begins to focus more on urban, people-based principles in developing guidelines. The Institute plans to release supplements to the NACTO *Transit Guide* to help members implement the novel concepts emerging through this and other NACTO publications. The Institute's involvement in the Vehicle-to-Infrastructure Coalition will help keep members at the forefront of connected and automated vehicle technology developments. ITE will complete several helpful technical reports, such as the *Traffic Calming ePrimer*, which will serve as an update to the ITE *Traffic Calming State of the Practice*, *Self-Enforcing Roadways*, and *Transitional Road Zones*.

A reminder that the 2016 ITE Annual Meeting and Exhibit is set for Anaheim, CA, USA from August 14 to 17. The meeting will showcase the latest developments in transportation and offer unparalleled opportunity to network with and learn from peers. Watch for conference mascot, Cal Bear (I wonder where they got that idea, lol???), coming to an event near you!

Next year, the Toronto Section and the Canadian District will be hosting the ITE Annual Meeting and Exhibit in Toronto. Planning for the event, which is scheduled to run July 31 to August 2, 2017 at the Sheraton Centre hotel, is just getting underway. Stay tuned for future updates.

In closing, I look forward to serving as your District Director for the next three years. ITE has been my professional organization of choice throughout my academic and professional careers, and I'm thankful to be given this opportunity to represent CITE and its members "at the next level". If there is anything you want to share about ITE, feel free to drop me an email at director@cite7.org. Let's do everything we can to make ITE and CITE the best organizations around!

Call for Nominations &

MEMBER AWARDS

Each year, the Canadian Institute of Transportation Engineers sponsor an awards program to honour outstanding achievement in transportation engineering and distinguished service to CITE. The awards, presented annually at the CITE Annual Meeting Awards Luncheon, bestow national recognition upon the recipients and increase the public's awareness of the role and responsibilities of the transportation practitioner.

Nominations for these awards will be received until March 18, 2016. Please direct submissions to:

Edward Soldo, PEng., FITE
Email: vicepresident@cite7.org



H. Robert Burton Distinguished Service Award

Every year the Canadian Institute of Transportation Engineers (CITE) bestows its most prestigious award, the H. Robert Burton Distinguished Service Award, which is named after a man who dedicated much of his life to the traffic engineering profession. Bob Burton spent his entire career practicing and promoting traffic engineering. A founder of the original Canadian Section in 1951, he was still attending CITE Toronto Section meetings right up to his death at the age of 101 years. Further information and submission forms may be found online at www.cite7.org/students/scholarships-and-awards/robert-burton-distinguished-service/.

Outstanding Voluntary Service Award

CITE grants this award to a member or members who made an outstanding voluntary contribution to CITE or its projects over the course of several years. There is no monetary reward. Submissions may be in the form of a fax or email stating the name of the individual, and a brief description of why the member should be considered for the award. Further information and submission forms may be found online at www.cite7.org/students/scholarships-and-awards/outstanding-volunteer-contribution/.

Stan Teply Outstanding Technical Project Award

This annual award recognizes an outstanding transportation project that has shown significant and proven technical achievement.

The project will include excellent technical content and provide information that benefits the overall transportation industry into the future. The Technical Liaison Committee (TLC) will be encouraging more technical projects in the future, and this award will recognize the high quality of projects that CITE is involved with in the transportation industry.

For further information regarding Dr. Stan Teply, visit: www.cite7.org/students/scholarships-and-awards/stan-teply-outstanding-technical-project/

Recipients will be presented with the Stan Teply Award at the annual awards luncheon.

Selection:

The TLC will review applications and if a suitable achievement is nominated, they will make a recommendation to the CITE Executive and Board of Directors for a final decision.

Submissions

SECTION ACTIVITY AWARDS' DEADLINE: MARCH 18, 2016

SECTION ACTIVITIES AWARD: is designed to encourage and promote active involvement by promoting the purpose and objectives of the Institute. It recognizes the overall quality of section activities, either technical or non-technical in nature, and may include technical meetings, technical committees, technical reports, seminars and training programs, student participation, career guidance, membership campaigns, public relations activities and others. The winning Canadian entry is submitted to the International competition.

SECTION DELTA AWARD: recognizes those Sections who have achieved overall improvement from year(s) past.

All Section submissions are automatically considered for both award categories. Further information and submission forms may be found online at www.cite7.org/students/scholarships-and-awards/cite-activity-awards/.

STUDENT CHAPTER ACTIVITY AWARDS' DEADLINE: MARCH 18, 2016

STUDENT CHAPTER ACTIVITIES AWARD: recognizes outstanding accomplishments in such activities as promoting the advancement of transportation and traffic engineering by fostering the close association of students with the transportation and traffic engineering profession and the Institute; to acquaint Chapter Members with topics of interest through guest speakers and Chapter-sponsored trips; to foster the development of professional spirit; to promote common interests among Chapter members; and to encourage the expansion of facilities for transportation and traffic engineering study. The winning Canadian Student Chapter application is submitted to the International competition in Washington.

STUDENT CHAPTER DELTA AWARD: recognizes those Student Chapters who have achieved overall improvement from year(s) past.

All Student Chapter submissions are automatically considered for both award categories. Further information and submission forms may be found online at www.cite7.org/students/scholarships-and-awards/student-chapter-activities-and-delta-award/.

STUDENT SCHOLARSHIP AWARDS



DR. MICHEL VAN AERDE Memorial Transportation Scholarship: Further information and submission forms may be found online at www.cite7.org/students/scholarships-and-awards/dr-michel-van-aerde-scholarship/

Submission Deadline: March 18, 2016

JOHN VARDON Memorial Transportation Scholarship: Further information and submission forms may be found online at www.cite7.org/students/scholarships-and-awards/john-vardon-scholarship/. Submission Deadline: March 18, 2016

CITE WSP Undergraduate Transportation Scholarship: Further information and submission forms may be found online at www.cite7.org/students/scholarships-and-awards/cite-wsp-undergraduate/. Submission Deadline: March 18, 2016

CITE Boulevard Transportation Group "Transportation in a Sustainable World" Student Award: Further information and submission forms may be found online at www.cite7.org/students/scholarships-and-awards/cite-boulevard-transportation/.

Submission Deadline: March 18, 2016

STUDENT PAPER Competition Award: Further information may be found online at www.cite7.org/students/scholarships-and-awards/student-paper-competition-award/.

Submission Deadline: March 18, 2016

STUDENT PRESENTATION Competition Award: Contact your Section representative for further information.

Submission Deadline: May 13, 2016



YOU'RE INVITED



The BC Interior Chapter and the Greater Vancouver Section are delighted to welcome you to participate in our annual meeting on June 5-8, 2016 in beautiful Kelowna, BC. Please consider yourself invited to an exceptional conference that will deliver a stimulating program surrounded by gleaming lakes, soaring mountains, and thriving vineyards! Our 2016 Conference also coincides with the 20th anniversary of our host BC Interior Chapter, and we are using this opportunity to celebrate in grand fashion!

CONFERENCE PROGRAM & THEME

Our theme Connecting Lifestyles focuses on how we help to build resilient and sustainable communities, through connections and collaborations. To thrive, our communities must be connected – socially, economically, environmentally – with each other and globally.

While the invitation for abstract submissions closed in October, we are thrilled to report we received over 100 abstract submissions with great technical content and variety! Thus, we are happy to announce we have prepared a three (3) full-day conference program, which will be complemented with engaging tours and entertaining evening events!

GETTING HERE

Kelowna International Airport (YLW) is located in the heart of the Central Okanagan, just 15 km north of downtown Kelowna's city and the conference venue. NewLeaf, a locally owned and operated airline, provides direct and economical service to Kelowna from many Canadian cities. In addition, Air Canada and WestJet offer daily and non-stop flights to Kelowna from major cities including Vancouver, Toronto, Calgary, Edmonton, and Victoria, and connecting flights from many other Canadian and international cities.

EXCITING TOURS AWAIT YOU

The Kelowna Local Arrangements Committee (LAC) has scheduled five fantastic technical tours for delegates to experience what makes Kelowna and the Okanagan one of the best places on earth!



CONFERENCE REGISTRATION & HOTEL

The Kelowna 2016 LAC is in the process of finalizing the conference registration details. Please stay tuned for registration opening in mid-February, 2016.

The Kelowna 2016 LAC has partnered with the beautiful Delta Grand Okanagan Resort to bring you this year's annual CITE conference! Located in central downtown Kelowna, the Delta Grand Resort is steps away from award-winning restaurants, and both the cultural and shopping districts. Special guestroom rates have been secured and can be booked through the website link available on our website.

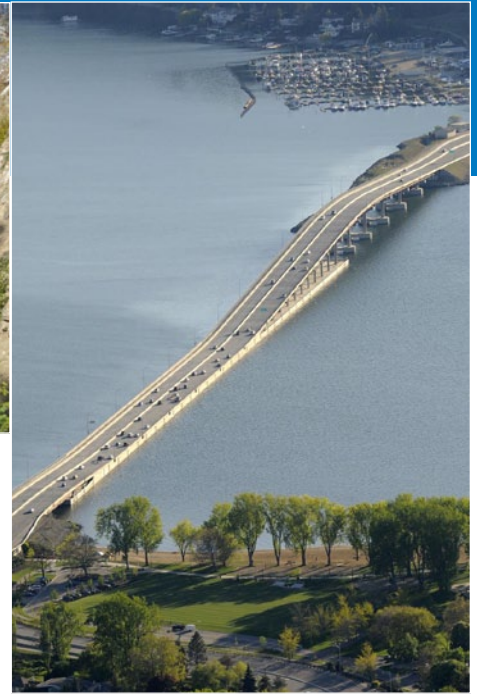
FOR MORE INFORMATION, VISIT:

www.cite7.org/Kelowna2016

We've highlighted two of these tours for your interest.

Experience the Majestic Myra Canyon Trestles by Bicycle

The Myra Canyon bike tour provides incredible views of Okanagan Lake and Kelowna along the Kettle Valley Railway (KVR). Officially opened in 1915 the Myra Canyon section provided service from Midway to Penticton, BC until 1973. The segment has since been converted to a multi-use recreational trail and is a major attraction for visitors to the Okanagan. Several of the trestles have been reconstructed following the 2003 Okanagan Mountain Park Fire which claimed 12 of the 18 trestles on the Myra Canyon section.



Marvel at the W.R. Bennett Floating Bridge

The William R. Bennett Bridge provides the only crossing over the Okanagan Lake facilitating an integral transportation link for the Region. The bridge came into service in May 2008, replacing the Okanagan Lake Bridge which was in service for 50 years. The Ministry of Transportation and Infrastructure entered into a Public-Private Partnership (P3) with SNC-Lavalin to design, build, finance, operate, maintain, and rehabilitate the bridge over a 30-year term.

The structure is supported by floating pontoons and provides two lanes eastbound, three lanes westbound, and a shared pedestrian and cycling pathway on the south side of the bridge. The W.R. Bennett Bridge tour will be conducted on-site and will highlight the history, P3 process, design, construction, operations, and maintenance of the bridge.



Save the DATE!

in #CITE2016
www.facebook.com/CITE2016

Connecting Lifestyles



www.cite7.org/Kelowna2016

All images courtesy of Tourism Kelowna

WORKSHOP ON ACTIVE TRANSPORTATION

Safe Systems Approach to Bicycle Safety Strategies: Dr. Divera Twisk, Senior Researcher with the Dutch Traffic Safety Research Institute, and Dr Marjan Hagenzieker, Professor of Road Safety at the department of Civil engineering of the Technical University of Delft, Netherlands, will be hosting a workshop for all bicycle facility planners and designers interested in human factors and user-centred approaches. Both workshop leaders are psychologists, specializing in human factor research. Based on the internationally-acclaimed Dutch Sustainable Road Safety principles, which are the basis for the systems approach used worldwide, they will take participants through a user-centric approach that employs the latest in emerging psychology and engineering research findings on cyclist behaviour in relation to road and vehicle design. Aside of short lectures, the workshop will include small exercises to illustrate the findings. Critical success factors will be shared, including those on cyclist behaviour such as hazard perception and distraction. An interactive discussion will be facilitated on how to translate these findings for planning cycling safety strategies. Such strategies need to address the infrastructure, but also education, enforcement and adequate bicycle design. Examples of how to assess the impact of such measures will be presented. Finally, the (potential) impact of the emergence of new technology such as self-driving cars, as well as electric bicycles will be addressed. Come prepared to be engaged and empowered with effective bicycle planning and design strategies for the benefit of all cyclists. For further information, gord.lovegrove@ubc.ca

MEMBER HIGHLIGHT



MAC LOGAN

I started in the field as a survey engineer. My first 'real' job was my 'lucky break'. A fellow member from the University of Alberta ITE student chapter tracked me down at my parent's home three months after graduation (to this day I have no idea how he found me). He advised me he was moving on to another job and I should contact the company and apply. That company was Swanson Transportation Consultants and my new boss would be Allen Swanson, the then current President of ITE International.

Current employment: include position title

I am presently the General Manager of the Transportation at The City of Calgary responsible for transportation planning, design, construction and operations of the road and public transit systems. I am also on the Board of Directors of the Calgary Parking Authority and currently the Chairman of the Calgary Planning Commission.

Married: yes/no

Yes, Stephanie

Current city / prov of residence

Calgary, AB

Personal hobbies

Travelling, running, and car collecting (Pontiac Firehawks)

What roles/positions have you taken on as a member of CITE?

I was involved in the Southern Alberta executive for several years including Vice President of the section. I also participated in a technical study of Light Rail Transit.

When did you join CITE? (year)

1987

Professional designations: please list all of your earned professional designations, including academic achievements, in the appropriate order.

I am a Professional Engineer in the Province of Alberta and have previously been registered in B.C.

At which educational institution(s) did you earn your degree?

- B.Sc., Civil Engineering, University of Alberta (1988)
- I attended the Masters in Engineering program at the University of Calgary but did not complete my thesis
- MBA, Queens University (2009)

When did you first become an ITE member?

1987, as a student at the University of Alberta

First job after college/university

Please describe what attracted you to transportation engineering?

In fourth year civil engineering I took a Transportation Planning option that had a guest lecture. The guest lecturer was the head of Transportation Planning for St. Albert, Alberta. I was fascinated and from that point forward I knew exactly what I wanted to do.

If asked to speak to a class of engineering students, how would you recommend it as a profession?

Transportation engineering impacts everyone virtually every single day. The public are very interested in our profession - they certainly have strong opinions! I feel that the field of Transportation Engineering will always be relevant and will continually evolve, which really makes it an excellent choice for a long and engaging career.

MAC LOGAN

During your career to date, have you pursued any professional designations through ITE (such as PTOE), and describe why? If no, do you plan to in the future (and why)?

Unfortunately no. The PTOE for example came along when my career was transitioning into a more senior management level. Had the opportunity presented itself earlier I'm certain I would have pursued it.

Who has had the greatest influence on your life and career?

Mr. Allen Swanson, 1988 President of ITE International. He has and continues to be a thoughtful and professional individual who has helped me grow. Al also introduced me to the field of parking and accident investigation work. I would not have the career I have today had I not been lucky enough to start out with Al.

Projecting yourself into the future, from an end-of-career perspective, what will you hope to have accomplished?

Planning, building, and operating a transportation system that serves Calgarians and makes Calgary a better place to live and do business. I've been passionate about promoting all modes. Finding ways to achieve the right balance so one doesn't detract from the other is what makes my job really interesting.

If you did not pursue engineering as a career choice, did you have another career in mind (a fallback)?

I originally set out to be an aerodynamics engineer. The most attractive non-engineering field would have been architecture followed by urban planning.

What is the first thing people most commonly ask or say when they find out you are a traffic engineer?

When am I going to fix some specific traffic light they go through! That or 'why did they build it that way?'. I often have to remind them we are only working with 60 seconds each

minutes. It's great to have people interested in what you know and do so I do not mind at all.

What is the most daring thing you've done in your lifetime (that you're willing to see in print)?

Challenge a politician in a public forum. Not often fatal (at least in the 20th Century) but certainly can be a career-limiting-maneuver. I feel that we as transportation professionals have to provide our political decision makers with our best professional advice. Though they make the decisions as elected representatives I draw the line at respectful behaviour. When staff are publically belittled or verbally attacked I will step in and 'shoot back'.

What is the last book that you read, or are currently reading?

Spy Catcher; a non fictional account of the Soviet intelligence penetration of British Intelligence from the 1930s through the 1970s and how electronic intelligence gathering evolved to catch the spies. It really ruined some of the TV shows I see now as you spot the things a true spy would never do.

Have you ever met anyone you consider famous?

I work with Mayor Naheed Nenshi every day. Walking down the street with him is like being with a rock star! Everyone wants to chat or get a selfie.

What is the single greatest satisfaction you take from your job as an engineer?

Building the right network, whether it's a pedestrian bridge, road connection or LRT line. I was closely involved in the Peace Bridge in Calgary. Seeing a project become a symbol of your city is an amazing feeling.



CALL FOR APPLICATIONS

CITE APPOINTEES TO TAC TOMSC, EHRDC & RSSC



We are inviting applications to represent CITE on the Transportation Association of Canada (TAC) Traffic Operations and Management Standing Committee (TOMSC), Education and Human Resources Development Council (EHRDC), and Road Safety Standing Committee (RSSC). These appointments commence on March 13, 2016 and end on December 31, 2019 with the opportunity for two one-year extensions.

Further information on the Committees can be found:

- TOMSC: [.../chief-engineers-council/traffic-operations-and-management-standing-committee](#)
- EHRDC: [.../councils-and-committees/education-and-human-resources-development-council](#)
- RSSC: [.../chief-engineers-council/road-safety](#)

QUALIFICATIONS

Desirable candidates have had a significant number of years of experience in the transportation engineering profession. CITE members working for a road authority, in academia or in private practice are eligible to apply. Candidates must be members of TAC through their employer to be eligible.

APPOINTEES ARE EXPECTED TO

- Attend the twice-yearly meetings of the Committee.
- Participate on project committees.
- Finance all travel expenses and time costs required to attend meetings and participate on committees. CITE provides each appointee a travel subsidy of up to \$1,000 annually.
- Remain a CITE member in good standing throughout the appointment period.
- Collaborate with the other CITE appointees to write an article for *Transportation Talk* following each meeting.

INTERESTED?

If you are interested in any of these appointments, please complete a volunteer application form, which can be found at the link below, by Monday, February 15, 2016 to:

Jen Malzer, P.Eng.
CITE President
Email: president@cite7.org
Weblink: cite7.org/about-cite/join-cite/get-involved/

bunt
& associates

Our focus is
Transportation
Planning and
Engineering.

Our reputation
is everything.

Vancouver
Victoria
Calgary
Edmonton

bunteng.com

ACTIVITIES OF THE INTERSECTION ANALYSIS GROUP

The Intersection Analysis Group meets monthly to discuss the fundamental topic of intersection capacity analysis in Canada, including the *Canadian Capacity Guide for Signalized Intersections* (CCG). In recognition that both TAC and CITE have oversight roles with respect to the CCG, the group includes CITE representatives to the Traffic Operations and Management Standing Committee (TOMSC).

At the CITE Regina Conference in 2015, the group hosted a forum to discuss challenges and future direction in terms of education, analysis parameters to reflect the Canadian experience, advantages and opportunities offered by new technologies, and the trend away from traditional level of service to multimodal and other models of evaluation. Participants included professionals in the public and private sectors, as well as educational institutions. Issues raised by participants focused on education, software, and multimodal models of evaluation.

1. **EDUCATION:** Intersection capacity analysis curriculum is inconsistent across the country. Some post secondary institutions teach the CCG, but it is unlikely that more schools will add it to their already crowded curricula. CCG is useful because it is highly teachable and strives to reflect the Canadian context. The need for CITE and/or other agencies to conduct a national training program in intersection capacity analysis, with CCG as a resource document, was identified.
2. **SOFTWARE:** While software is not necessarily essential to the CCG, participants agreed that the CCG will be marginalized without it. The preferred course of action is to continue to pursue web-based open source software, and in parallel, work with vendors to explore the potential to incorporate CCG into an existing commercial package.
3. **MULTIMODAL MODELS OF EVALUATION:** The trend away from traditional level of service (LOS) to multimodal and other models of evaluation should be explored further and is leading us towards a new project for the TLC.

MOVING FORWARD IN 2016

Feedback from last year's forum has evolved into several initiatives. The Intersection Analysis Group welcomes new volunteers in 2016 to work with us in the following areas:

Training: after successful discussions with TOMSC at the TAC conference in October 2015, we are developing a formal project proposal for a team to be tasked with investigating training

needs and approaches. Some of our initial ideas on the training concept include seminars and webinars to be supported by CITE and OTC. Post secondary institutions that currently include the CCG in the curriculum have provided modules from their existing traffic analysis courses (including CCG) – providing a good basis for future training.

Management of the CCG: also tied to education is the topic of a "home" for the CCG. Currently the CCG and software materials are managed by private sector companies. Having an academic institution host the CCG and software would be a good way to maintain and support the methodology, as well as facilitate a platform for identifying and pursuing growth opportunities. There could also be added opportunities to engage Master's and Ph.D. candidates on research topics specifically relevant to the Canadian traffic analysis environment. We are continuing discussions with institutions that have expressed interest.

Funding: we would recommend that revenue from training courses contribute to a dedicated CCG fund for research, software development and other initiatives.

Software: there has been ongoing discussion on how software fits into the plan, especially in the continually evolving technological climate. The group worked with a developer to define a scope for open source web-based CCG software – funding is needed to initiate its development. Also, we are collaborating with the SimCap Group in Toronto, and they are helping to investigate the potential integration of CCG into existing software.

Alternative Intersection Analysis Methodologies: the topic of trends in alternatives compared to typical measures of level of service overlaps with the mandate of the SimCap Group to report on the state of best practices in traffic engineering across Canada, and we are continuing to work closely with them. Further, we are seeking the perspectives of municipal colleagues in The City of Calgary.

We hope that the proactive directions of the Intersection Analysis Group will bridge an effective means of continued education and emphasis on traffic engineering methodologies in Canada, encouraging new entrants into the profession (and volunteers for TLC), and a viable path for the future of the CCG and related initiatives.

Now for something

FUN



LONDON

Name & Job

Allison Miller, Transportation Demand Management Coordinator, City of London

Passenger (s)

Colin (2)

Describe your ride

We live a few blocks from daycare – too close to ride bikes. We enjoy the walk.

What do you like about the way you travel?

Walking allows me to drop Colin off at daycare and keep walking to work. It's the most flexible option we have. I'm also a little lazy and I carry on with the empty stroller to work because I can cart my lunch, purse, and whatever work items I have in it. If I don't get any more exercise, I can count on that ½ hour a day. We walk by our neighbourhood cat lovers' houses and chat about all the felines we see enjoying their breakfast on the front lawn.

We also take a back alley, which is a neat part of our neighbourhood.

What has your passenger(s) said or liked?

Colin loves the buses that go by and all the people on them going "up and down", as he tells me. He points out when we go over his favourite bump between two sidewalk panels. I'll only report that uneven surface to my colleagues once we have graduated from daycare!

Tips on getting started / what it takes to be successful / something else you'd like to share

We make it fun so that even in rain or light snow, we carry on. Walking is just a great way to get to know the characters in your neighbourhood and feel a sense of belonging.

FUN



FUN

OTTAWA

Name & Job

Kate Whitfield, PEng., MCIP, RPP
Senior Project Manager, Parsons Inc.

Passenger (s)

Nicolas (5) and Wesley (2)

Describe your ride

Dutch cargo bike or "bakfiets" by Metrofiet (made in Portland). From front to back: wheel – wooden bucket with seat – handle bars connected under the box to the front wheel – me – back wheel. It is a long ride where I control the front wheel from what feels like far back.

What do you like about the way you travel?

It is a highly maneuverable bike that can carry up to 400 lbs of rider and cargo while offering a super smooth ride. With a carrying device built in rather than attached, less preplanning is required. I am often questioned whether the three-wheeled variety would be less tippy but for me

the two wheel is simply more fun and needed for my own commute to work after the boys are dropped off.

What has your passenger(s) said or liked?

My boys like that we are close enough to each other to be able to chat throughout our journey (except maybe when I am huffing and puffing up hill). They have also been known to say "faster mommy faster." Nicolas loves the fact that I can bring his bike along too on weekends so that he can get out and bike when we get to pathways.

Tips on getting started / what it takes to be successful / something else you'd like to share

I acknowledge the higher cost of this type of bike, but with nice gears and brakes I feel comfortable on the road and able to cycle up a large hill each day with the boys. A fun bike that also meets your daily commute needs can make a difference in your decision to ride each day.

Now for something

FUN

cont'd



FUN

WINNIPEG

Name & Job

Bjorn Radstrom
Job Manager of Service Development, Winnipeg Transit

Passenger (s)

Ella (2)

Describe your ride

Ella loves any kind of big vehicle or equipment, including buses, trains, semis, garbage trucks, highway coaches, and construction equipment. The best way to cheer her up is to take her on a bus ride, although even walking to the corner to sit on a bench and watch the buses go by is still an exciting way to pass an afternoon.

What do you like about the way you travel?

It gives me a chance to relax and decompress. And when Ella is with me, her excitement is contagious. She cheers up the entire bus!

What has your passenger(s) said or liked?

Quotes

- "Daddy, we're on the number 162 bus! It goes to the market!"
- "Daddy, we're on the number 16 bus! It goes to your work!"
- "Daddy, we're on the number 1 bus! It goes to The Forks!"

Advice

I'm not sure I have much advice on how to get a child interested in commuting by bus, because she developed her passion for large vehicles and construction equipment all on her own. To make the commute easier, bring water and small snacks, and a book or two if it's a longer ride. Bring something to wipe the seat off, because your child will insist on standing on the seat next to you so they can look out the window (but hold onto them pretty tightly!). If you bring them in a stroller, take them out so that they see what's going on.



CALGARY

Name & title

Jon Lea, Senior Transit Planner

Passenger (s)

Erica (4), Heather (2), and occasional side-running dog, Sadie (9)

Describe your ride

Long-tail cargo bike

What do you like about the way you travel?

Riding a bike lets us interact a lot easier with our surroundings. We often stop and smell the flowers (literally), or visit a playground that we discover on our travels. I certainly arrive at work more refreshed, and less stressed, compared to driving, and the girls seem happier, as well.

What has your passenger(s) said or liked?

"Daddy, can we take the big bike to school today?"

Now for something

FUN

conclusion



FUN

VANCOUVER

Name & Job

Stephanie McNeely, Transportation Planning Engineer

Passenger (s)

Xavier (almost 3), and Victor (almost 1)

Describe your ride

We live in a very walkable neighbourhood in Vancouver (walkscore.com gives it a 93) which also turns out to have a large number of car share vehicles in close proximity. Our boys aren't in school yet and stay home with our care giver so we don't commute to work with them. However, our weekends often include a family trip to local parks, beaches, or the Vancouver Aquarium.

We are part of the Modo car share coop and what our oldest son refers to as "our car" is typically parked within 80 metres of our front door. We try to keep trips local to get to grocery stores, parks, shops, and services and do plan to eventually buy a car. For the past year, our car trips involve loading a stroller up with two car seats, strapping the baby into a carrier and holding the two-year

old's hand to get to our car. Admittedly, it's an easier trip with two adults but it is possible to do it with one parent.

What do you like about the way you travel?

We like the fact that we know how much each trip costs which gives us a strong incentive to keep the mileage low and shop locally on foot or by bike. We plan our car trips to cover off a number of errands all at once. We have the option to pick a range of vehicle types and sizes when we plan our trip (minivans are a nice option for longer trips).

What has your passenger(s) said or liked?

"Mama, is that our car?" when he sees someone else drive away with the car we use most often.

Tips on getting started / what it takes to be successful / something else you'd like to share

I'm not sure I could have decided to sell my car and go car free. When I "lost" it to a traffic collision it gave us the opportunity to test the car-free lifestyle. It was always meant to be temporary but it's now 5 years and two kids later and we're still getting around to the places we want to get to ;)

The key is to plan ahead. We also find it's a good idea to book the car for a bit longer than we expect in case one or both passengers fall asleep on the way home (see photo - baby Victor smiling while big brother Xavier naps after a trip to the Vancouver Aquarium)



FUN

CALGARY

Name & Job

Jen Malzer, P.Eng., M.Sc., Pedway & Mobility Strategist,
City of Calgary

Passenger (s)

Scott (2), a monkey and a lion (both ageless)

Describe your ride

I attached a chariott to my old mountain bike from grad school and use studded tires in the winter. We are definitely not fast.

What do you like about the way you travel?

I so like being able to decompress, exercise, and admire the city at the start and end of the day. Plus, being off the roads we're less impacted by congestion or collisions. The chariott is a great way to transport a dozen favourite toys, and though it can

be like biking a kite around (holy prairie winds) my guy can nap and is always very warm.

What has your passenger(s) said or liked?

We have the choice really between bike and bus, most days I give Scott the choice. I love chit chatting along the way, and especially being serenaded ("reindeer are better than people"). The bus is a great way to practice meeting new strangers. We have a lot of fun there, too.

Tips on getting started / what it takes to be successful / something else you'd like to share

Find someone who can help you master your route. There are lots of ways to get around intersections that might be making you nervous. And as for the little people, they think it's totally normal. Much more so than your family will.

EXPANDING LEADERSHIP IN THE TRANSPORTATION INDUSTRY

While many of you may have seen articles about LeadershipITE in the *ITE Journal* and here in *Transportation Talk*, I wanted to share a personal account of what this program is, what my experience with the program was, and why you should consider applying for the 2017 class.

WHAT IS LeadershipITE?

The LeadershipITE program was established to "identify, develop, and engage leaders to ensure that ITE and its members are positioned to engage and shape the future of transportation." The first class had 30 people from across North America including five Canadians: Peter Truch, David Thatcher, Irini Akhnoukh, Kati Tamashiro, and Dale Bracewell. Following the 2014 class, the LeadershipITE Alumni Committee was created and our very own Dale Bracewell became the Committee Chair.

I had the wonderful opportunity to participate in the LeadershipITE Program's 2015 class along with 19 other people including four of us from Canada: Garrett Donaher, Faisal Hamood, Nadine King, and myself. Following our class, I was also selected to join the Alumni Committee and am currently the Committee Secretary. There are two Canadian members in the 20-person 2016 class: Erin Toop and Jim Mallett.

My participation in LeadershipITE started, like most of my other experiences in ITE, with a fortuitous run-in at the conference hotel for the ITE Annual Meeting in Seattle. The 2014 class was working with Michael Sanderson (the chair of the LeadershipITE Committee and ITE Vice Presidential Candidate) to find applicants for the 2015 class. Dale Bracewell stopped me in a corridor and said, "Have you heard about LeadershipITE? You should really look into it and consider applying."



The pace of change in transportation, technology and the world at-large is accelerating. The challenges and opportunities created by these changes will continue to impact society and people's quality of life in ways we can hardly attempt to predict. However, we do know these changes demand a greater need for skills beyond technical competencies currently within the transportation profession. Transportation leaders navigating this evolution must be able to communicate, collaborate and advocate with diverse professions, disciplines and communities to reach common goals for safer, livable, more vibrant communities.

There are critical economic, environmental, and political discussions taking place around the world that impact transportation. As our community engages in these arenas we often find non-transportation professionals leading the dialogue. It is clear that engineers, planners, and technologists, the core of the Institute of Transportation Engineers' (ITE) membership, must be a part of these conversations. Our community must have the skills to not only engage but to lead. Developing the next generation of leaders is among the most important ways to accomplish this.

Like many of you, I had heard something about it, received an email or saw it in the *Journal* or *Transportation Talk*, but hadn't really taken the time to look into it. At that time, there were very few people to contact to learn more about the program since the first class was still underway and only wrapped up at the Annual Meeting. From this chance encounter with Dale, I did some research.

I decided to apply based on chatting with Dale, David, and Peter (2014 Alumni) because they shared their first-hand experiences with me. But I also applied because of two paragraphs that are written and found at ite.org/leadership.

These two paragraphs spoke strongly to me. In my previous role as an engineer with the City of Edmonton and my current role with Stantec, I am actively responding to the changes in our communities – changes in demographics, changes in technology, changes in climate, changes in expectations. The transportation industry is continuously evolving based on what we have learned, based on testing new ideas, and based on the need to achieve multiple outcomes through our public and private investments in transportation systems and infrastructure.

WHAT DID I LEARN THROUGH LeadershipITE?

LeadershipITE was a tremendous program that taught our class tangible leadership skills that could be applied to our profession, ITE as an association, our work teams, our projects, and even our personal lives. We learned skills in collaborative problem solving, building and fostering teams, having difficult conversations, and many other topics. We had webinars about a series of leadership-related topics. One of my favourites was "Presenting with Power, Poise, and Presence" by Shelley Row that included concrete ways to create meaningful and engaging presentations.

Glenn Tecker is the instructor for the LeadershipITE program. Both the 2015 and 2014 classes have nothing but positive things to say about Glenn. He is thoughtful and funny, engaging, and experienced in providing leadership training and support to individuals, companies, and associations. Glenn was such an amazing resource and source of knowledge for all of us. He kept us going through the full days of training at the three in-person sessions and was available via email between sessions. We tested him continuously with questions from our own experiences and, time and again, Glenn provided sage advice and tied it back to the training.

While the program content and Glenn were fantastic, the greatest thing that LeadershipITE taught me, or reconfirmed for



me, was the power of networks. LeadershipITE is comprised of driven, enthusiastic, and inspiring transportation professionals. They share a passion to make our profession and communities great. My participation in LeadershipITE has given me a network of 50 people that I can contact to share thoughts, gather ideas, and get inspired by, and this network will grow with each new class. This network has already created opportunities to collaborate on projects and initiatives and expanded my network of trusted friends and colleagues. I also now have relationships with ITE's International Board of Direction which provides ITE members with opportunities to be involved in ITE, its Councils and Committees, and to support initiatives that will support our industry.

WHAT DOES THIS MEAN FOR YOU?

LeadershipITE is a challenging and fun program that you should all consider applying for. It does take dedication and a willingness to take on extra work for about 10 months to complete the program but what you get from it – the training and skills, the connections, and the experience – are well worth the effort. All of my class mates would do LeadershipITE over again if we had the chance, and had a lot of fun along the way.

Should you have any questions, we now have alumni or current class members spread from St. John's, Newfoundland to Victoria, British Columbia. We are all willing to chat with you about the program and share our experiences in more than the space taken here in *Transportation Talk*. And look for more information at the Canadian District meeting, ITE Annual Meeting, the ITE Community, and the ITE Journal. We hope to have more information than ever for ITE Members on the program in 2016.



SECTION News

GREATER VANCOUVER

The Greater Vancouver Section held a number of events throughout the end of 2016, including a section meeting, and our Annual General Meeting.

On November 4th, the Greater Vancouver Section held a lunch meeting which included a presentation from Mike Anderson and Mike Zipf from the City of Vancouver. The presentation summarized the recent pedestrian and cyclist improvements in the City of Vancouver as well as some planned improvements around the city. These improvements included the use of green paint for cycling areas in intersections and raised crosswalks to improve the safety for non-motorized road users.



On November 30th the Section had its annual general meeting. At the AGM, the annual Section awards were presented to the following recipients:

Bill Curtis Award: Low Level Road Project – Port Metro Vancouver, Stantec, MMM Group, and City of North Vancouver



- **Mavis Johnson Award:** Cycling Safety Study – Urban Systems and City of Vancouver
- **Outstanding Professional Award:** Lon LaClaire – City of Vancouver



- **Lifetime Achievement Award:** Timothy Stevens – SNC Lavalin and; Peter Millburn – BC Ministry of Transportation and Infrastructure
- **Young Professional Award:** Mathew Chan – Parsons

Looking forward to 2016, we are pleased to welcome Jared Duivestain as our new Treasurer. The returning members of the executive include Billy Dong as President, Brendan Stevenson as Vice-President, Linda Qian Lin as Secretary and Sam Young and Jonathan Ho as Webmaster. We would like to thank Alina Cheng for her hard work as president in 2015.

The Section is planning on hosting a meeting in the coming weeks to kick off the 2016 calendar year. The UBC Student Industry Night will be on February 11th, which is an opportunity for students and industry professionals to interact and showcase student projects. We anticipate a strong turnout and look forward to a busy year ahead!

BC INTERIOR

The BC Interior Chapter co-hosted their annual joint technical conference with the Planning Institute of British Columbia on November 13, 2015. Five sessions were provided under the theme "Tools of the Trade". The topics covered roundabout evaluation tools, a level of service approach to asset management, integration of street trees in transportation systems, and school zone traffic calming.

Our Annual General Meeting was held during the conference and most of our executive has held positions from the previous years. For their second years: Amanda Watson continues as President, Ian Roth as Vice President, Ellen Morrison as Treasurer, Tom Baumgartner as Secretary, and James Donnelly as Past President. We also have the following Members at Large:



website www.nacite.org for information about our upcoming luncheons.

UofA Student Mentorship Program

The UofA Student Chapter is spearheading a mentorship program and seeking mentor volunteers from the transportation industry to support students. If you are interested in participating as a mentor, please email us at contact@nacite.org. More information will be shared in the coming months. We are aiming to launch the program in conjunction with a Student-Industry Mixer in the springtime.

LETHBRIDGE

After a summer hiatus, the Lethbridge Chapter had an eventful fall, hosting a total of four luncheons.

In September, attendees participated in the ITE / NACTO webinar, *Protected Intersections in Vancouver* presented by Dale Bracewell and Ross Kenney of the City of Vancouver. The webinar provided an overview of recent efforts to further improve walking and cycling along the Burrard Street bridge corridor.

In November, two luncheons were held. In the first luncheon, attendees watched a webinar from the Transportation Research Board entitled *Innovative Intersections for Pedestrians and Bicycles*, presented by Bastian Schroeder, Anne Holzem, and Nick Falbo. In the second luncheon, Chris Poirier of Stantec presented on recent upgrades undertaken by the City of Lethbridge to improve mobility and enhance safety along 43rd Street, a crucial corridor providing access to the city's primary industrial area.

Finally, for December, the chapter was fortunate to receive a presentation from Past President of ITE International, and bicycle enthusiast, Rock E. Miller entitled *Bringing the Culture of Active Transportation from Europe to North America*. The luncheon was

Brad Colvey, Brian Oliveira, Gord Lovegrove, Stephen Sargeant, and Peter Truch. The University of British Columbia Okanagan Campus Student Chapter has appointed Victoria You as the Chapter Liaison.

Many of our Interior Chapter members, along with Vancouver Section members and the National Executive, are working hard to prepare an exciting and engaging Annual Conference for CITE in Kelowna June 5-8, 2016. We have had over 100 abstracts submitted and look forward to seeing you there.

NORTHERN ALBERTA

Winter 2016 Luncheons

Our Northern Alberta ITE luncheons occur on the first Wednesday of each month at the University of Alberta Faculty Club. In December Mark Hall, the Executive Director of the City of Edmonton's Blatchford Redevelopment project, presented about the vision for the sustainable community in the heart of the city. January's presentation featured Chris Delanoy from ISL Engineering and Land Services, who discussed innovations in interchange design at two locations: Crowchild Trail / Flanders Ave and Macleod Trail / 162 Ave SE in Calgary. Refer to our



Northern Alberta: Winter 2016 Luncheon

well attended, and coincided with the City of Lethbridge embarking on the development of a cycling master plan.

We also recently conducted our annual elections. The new executive will consist of Ravalı Kosaraju as Secretary Treasurer, Steven Dudley as Vice President, Chris Poirier as President, and Darryl Schalk as Past President. We'd like to thank Stephen Burnell, the outgoing vice president, for his commitment and service to the chapter. As a chapter, we look forward to the opportunities that the coming months will bring. We expect that 2016 will be another exciting year in transportation!

MANITOBA

In November, the Manitoba Section hosted a technical luncheon with Colleen Flather, P.Eng., the Community Traffic Engineer for the City of Winnipeg. Colleen presented on the City's rollout of reduced speed school zones, including the unique challenges faced in a large urban environment in meeting the provincial regulations, and the tight schedule to get these in place before the school year commenced.

The December luncheon is also the Section's annual general meeting. But since we know everyone attends for the great food and thought-provoking presentations, Bjorn Radstrom managed to get through the business items before everyone had a chance to order their drinks! The main topic of discussion was the past year's



Watch your speed in school zones!

financial statement and the 2016 proposed budget. There were no changes in executive positions as all are in the middle of two year terms. The technical presentation was on the CentrePort Canada Way – Western Extension Functional Design. This future roadway will bypass the congestive bottleneck that occurs on the existing TransCanada Highway through Headingley, providing direct access to CentrePort Canada Way and Manitoba's inland port. Brent Hartmann, P.Eng., from Manitoba Infrastructure and Transportation (MIT) presented the project, including various alignment options being considered.

Future luncheon dates and information are posted on the ITE Manitoba website, so please check out what's coming up at <https://itemanitoba.wordpress.com/>

HAMILTON

On Dec 3, over 40 Hamilton and area colleagues attended a luncheon followed by presentations by Jen Malzer CITE President, and Gary Jamieson and Michael Brewer of the Ontario Ministry of Transportation.

CITE Update and Calgary Green Line

Jen Malzer provided an overview of the recent activities of the CITE Executive. Highlights of the update included the Nov 6 and 7 strategic plan update exercise that took place in Calgary, the creation of a young professionals subcommittee, the soft launch of the redesigned CITE web site and the upcoming CITE annual meeting to be held in early June in Kelowna. Jen also provided a brief overview of the Calgary Green Line project which will be an important piece of Calgary's transit network, adding 40 kilometres of track to the existing 59 kilometre LRT system. End-to-end, the line will connect North Pointe and Seton to downtown. The Green Line was initially planned to be constructed over the next 30 years, starting as a bus-only Transitway, and later converting to LRT. However, with the Federal funding announcement in July 2015, Calgarians in the north and southeast areas of the city will likely be able to enjoy faster, more reliable, light rail service ahead of schedule. Currently, 290,000 Calgarians are estimated to live





along the Green Line corridor, with thousands more working and visiting the newly developing employment hubs and community activity centres on the route. The Green Line will bring transit into communities and connect neighbourhoods where Calgarians can live, work, and play close to transit.

2015 Toronto Pan Am / Parapan Am Games Transportation Planning

In July and August of 2015, the collaborative efforts of provincial, municipal, and police agencies from across the Greater Toronto, Hamilton and Niagara area were instrumental in keeping the region moving during the 2015 Toronto Pan Am and Parapan Am Games. Through unprecedented coordination of road, rail, transit and active transportation, transportation was facilitated for athletes,

officials, media, volunteers, spectators, and other Games clients, along with the millions of regular commuters in the region! Gary Jamieson and Michael Brewer of the Pan Am / Parapan Am Games Branch, Ministry of Transportation illustrated the challenges, successes, lessons learned, and legacy opportunities resulting from transportation planning for the Games.

SOUTHWESTERN ONTARIO

On November 19, 2015, the Southwestern Ontario Section held a CITE dinner which was followed by a presentation by Doug MacRae, Manager of Transportation Planning & Design at the City of London regarding the City's new cycling master plan (also called "London ON Bikes"). Doug provided a brief description to the project goals, objectives, and the process and talked about the multidisciplinary undertaking and the innovative methods to engage Londoners on the project. Doug also discussed the recently released *Ontario Traffic Manual Book 18: Cycling Facilities*. More information about the project can be found on the project website: <http://www.londonbikes.ca>. 20 people attended the event at the Fox and Fiddle in downtown London.



UNIVERSITY OF BRITISH COLUMBIA**Sany Zein**

In late October, the Student Chapter was fortunate to host Sany Zein, Director of Infrastructure and Network Management at Translink, for a talk on career lessons that are not taught in the classroom. The interactive talk allowed students to ask questions and get practical advice. Effective communications skills were also a big part of Sany's lecture, "because if you cannot sell the idea, someone else will". A big thank you to Sany for sharing his time with us!

Social Night

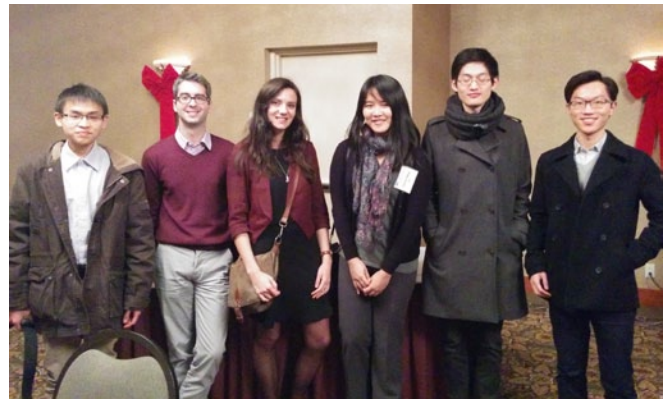
Also in late October, we hosted our first social night of the year and there was a wide variety of students that turned out; we had second years all the way up to graduate students. It was considered to be a success, as there were many great conversations and connections between the students. Cheers to our next one!

Port Metro Vancouver Tour

"I'm on a boat!". Seven students from the student chapter had the opportunity to travel on a fantastic voyage around the Burrard Inlet with Port Metro Vancouver. One of the main highlights of the tour, besides the seals, was viewing the large container vessels docked at the ports. We would like to take the opportunity to thank Port Metro Vancouver for this excellent tour!

**GVITE AGM**

On November 30th 2015, six members of the UBC ITE attended the GVITE Annual General Meeting and Awards Dinner at the Hilton Vancouver Metrotown Hotel. The event provided opportunities for the students to network with professionals in transportation engineering and planning. The night was also a showcase of the Greater Vancouver ITE section's talent and hard work, as members were recognized with awards. UBC ITE co-president Carrie Geng and scholarship recipient Bianca Popescu gave a short presentation about the student chapter, showcasing highlights of the events in 2015 and promoting upcoming events in 2016.

**SCCTP AGM**

On December 2nd, 2015 four members of UBC ITE also attended the Society of Chinese Canadian Transportation Professionals (SCCTP) Annual General Meeting and Dinner, where the members networked with transportation professionals and learned about the different types of work available in the industry over dinner.



YPT Trivia Night

It was an evening of camaraderie, transportation and most importantly, transportation trivia! The Young Professionals in Transportation Vancouver Chapter hosted their 3rd Annual Trivia Night, and it was a resounding success. There was a record number of students and a record number of individuals who attended the event. Of course, there cannot be trivia without a winner. Two students from the UBC ITE Student chapter ended up being on the winning team. A big shout out to YPT Vancouver for hosting this fun event, and we look forward to it next year!

UNIVERSITY OF MANITOBA

Our last update was written right after the new executive body was elected in our student chapter. Since then, we've all gotten our legs back beneath us and it shows with all of the great events we've held. As always, our chapter strives to cater to as many members as possible by being diverse in the events we hold.

Our technical coordinator has been very busy for the past few months. In November, our chapter got to see two guest speakers visit our school from the City of Winnipeg – Scott Suderman and Bjorn Radstrom. Scott told us about the new active transportation strategies being implemented in Winnipeg, and later in the month Bjorn held an open-forum discussion with students on future Transit plans for the city. The chapter also took advantage of the opportunity to see three speakers at the ITE MB section's luncheons – Colleen Flather, Scott Suderman, and Sean Rathwell.



Jared in Truck Sim

On top of seeing some interesting speakers, the student chapter also went on three technical tours. In the first, students visited the City of Winnipeg's traffic signals office. Jon Foord led the group through a tour of office and we got to see how the City monitors and operates its signal system. Our next stop on the technical tour train took us to see Winnipeg's sign shop. We were all excited to see a demonstration of how signs are made, and wow were those things bigger than we thought! Our final destination was the Bison Transport headquarters. We took a trip around the office, saw where drivers go to spend their down time between trips, learned about the ins and outs of trucking, and finally made our way to the truck driving simulator (it's a good thing our students are sticking to academics... everyone ended up in the ditch!).



Bubble Soccer

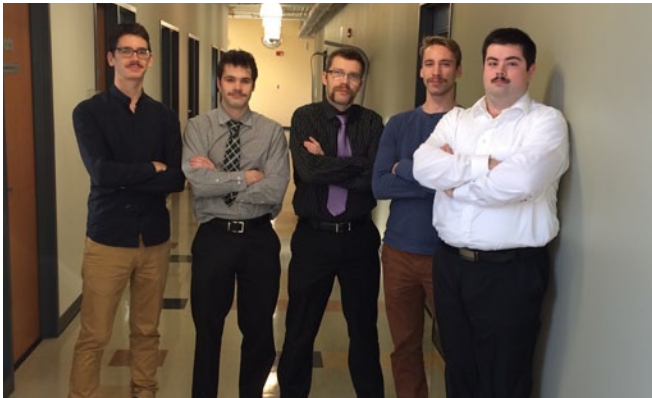
The Chapter enjoyed learning about transportation, but we also took some time since mid-October to hold events that were more focused on our chapter and getting to know one another. Our first social event of the year was a unique one – our chapter rented a handful of oversized plastic bubbles and ran into each other whilst trying to play soccer. "Bubble Ball," as it is coined, was a major success and our chapter had a great time meeting new members. Once bubble ball had wrapped up, our annual Halloween events were right around the corner.



ITE Halloween Bowling 2015

Halloween is a special time for our chapter as we love spreading the spooky spirit. We held a BBQ to sell burgers to hungry university students and they came in bunches. Nearly 300 burgers were sold, helping our chapter raise some funds for future events. On the night before Halloween we had our annual bowling night. This is the time for chapter members to forget about exams, show their creative side, and meet some of their fellow members in a fun environment. Sharks, turtles, dragons, ducks, and more all made an appearance among one of the best dressed events the chapter has ever seen.

Our chapter is pretty fortunate to have all of these opportunities at our hands. Sometimes we take time to give back to the community in whatever way we can. For a select few of us, that way was to let our upper lips grow wild and incredible moustaches for an entire month. Jokes and silly faces aside, our Movember group managed to raise over \$400 this year for men's health awareness. An incredible feat that we're very proud of. Last month saw the return of our annual pancake breakfast as well. Our chapter spent three days making and selling pancakes in the atrium of our engineering complex. We then took all proceeds and turned



Movember

them into hampers for the Christmas Cheer Board. This year we managed to muster up enough for ten families to make sure they had something to eat and open up on Christmas.



ITE Xmas 2015

UNIVERSITY OF WATERLOO

The Waterloo CITE Student Chapter had an exciting fall term, with two guest speakers coming to share their work with our students, as well as a joint event with the Southwestern Ontario Section of CITE in December.

The first Academic event of the fall term was presented by Dr. Peter Y. Park, an Associate Professor at the Lassonde School of Engineering, York University. He gave a presentation on his work entitled "Strategic Safety Plan for Canadian Municipalities", during which our members learned about the efforts involved with making a Traffic Safety Action Plan. In particular, the presentation focused on the challenges that come with creating these plans for a small municipality. The Waterloo CITE Student Chapter would like to once again thank Dr. Park for taking the time to present to us.

The next Academic event of the term was delivered by Jim Gough from MMM Group, on his involvement with the Eglinton Crosstown LRT Project. Mr. Gough shared his experience regarding the challenges associated with maintaining safe and effective travel on a corridor for all road users during such extensive work. The presentation gave our members some insight into the many factors involved with a transportation project beyond the system design. We would like to thank Mr. Gough for coming out and sharing this presentation with us.



Jim Gough from MMM Group presenting his involvement with the Eglinton Crosstown LRT Project in Toronto City to chapter members

Mr. Gough's presentation was part of a joint social event held with the Southwestern Ontario Section of CITE, where our students met with professionals involved with CITE as well as the CITE executive. Students were able to ask questions and learn about the profession from the CITE members over dinner at a local Waterloo restaurant. The Waterloo Student Chapter would like to express its gratitude to the Southwestern Ontario Section of CITE for its generosity in hosting us.

Waterloo CITE Student Chapter is looking forward to another great year! Check out what we're up to at our website:

www.civil.uwaterloo.ca/transportation/ITE/



Chapter members with Jim Gough from MMM Group, Emily Ecker from BA Consulting Group, and UW-CITE faculty advisor Professor Bruce Hellinga



Chapter members with CITE executives Jen Malzer and Julia Salvini, Paula Sawicki from Region of Waterloo, and Gene Chartier from Paradigm Transportation Solutions



Chapter members with CITE executive Edward Soldo and Southwestern Ontario Section executive Maged Elmadhoon

COMING EVENTS

2016

MAY

14-18 **CUTA Annual Conference – Halifax, NS**
www.cutaactu.ca

JUNE

5-8 **Canadian Institute of Transportation Engineers – Kelowna, BC**
www.cite7.org

OCTOBER

22-26 **Canadian Parking Association Annual Conference & Trade Show – Ottawa, ON**
www.canadianparking.ca

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