

# Transportation



## Talk

CANADIAN INSTITUTE OF TRANSPORTATION ENGINEERS MEMBER NEWSLETTER  
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# Active Transportation for Highways

## Manitoba's Context

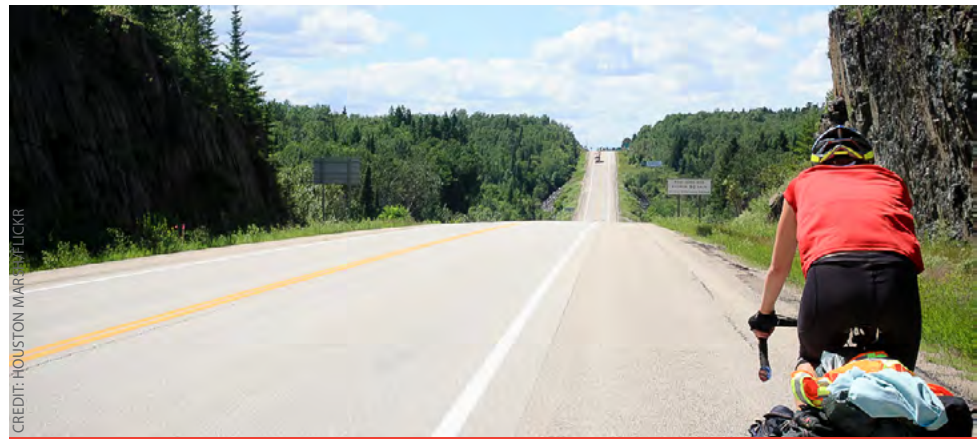
BY: ERICA VIDO, DAVE DUNCAN & JEANA MANNING  
MANITOBA INFRASTRUCTURE

Active Transportation (AT) is primarily a municipal responsibility as most trips are short and within a local context. But, what about people who...

- jog or walk on a provincial highway?
- cycle to work or school across municipal boundaries?
- hike along a recreational trail that intersects a provincial highway?
- take a bike trip across the province?

**Manitobans are cycling and walking on provincial highways and this is not always safe.** While AT on highways presents multifaceted safety concerns, it is not illegal to walk or cycle on a provincial highway in Manitoba. In many cases, highway rights-of-way are the only available public corridors that connect people to where they want to go. Highways are not conventionally designed for AT purposes. Nevertheless, highway operators have a role to play in ensuring the safety of all highway users and enhancing the wellbeing of citizens.

*Continued on page 16...*



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# president's ponderings



**JEN MALZER, P.Eng.**  
Canadian District President  
[president@cite7.org](mailto:president@cite7.org)

Hello to all and happy spring!

It's an exciting time of year as we get to put away our snow removal equipment (both at home and at work) and turn to construction kinds of activities. It's interesting to think about how today's designs better reflect multiple travel choices. I'm reminded that skateboarding is still not permitted in many cities' downtowns, despite quite a big resurgence especially in longboards. As much as we need to adapt our physical environment, it's also our bylaws and regulations that shape our ability to be inclusive. Why do I mention this?

This spring, *excite* will be hosting its first youth summit in Calgary. By chance and some coordination, this two-day event is able to invite an exciting keynote speaker in partnership with the Canadian Institute of Planners' (CIP) conference. Tamika Butler of the Los Angeles County Bicycle Coalition will travel to Calgary to talk about inclusion and the importance of providing options for citizens. We are thrilled to be working with CIP and look forward to learning from the *excite* delegation to Calgary. Keep an eye out for the summer *Transportation Talk* feature article, where *excite* will share thoughts on future cities and their experiences from the summit.

Our *excite* group has also just wrapped up its first sweepstakes which celebrated events between our student and industry members by gathering the names of all the participating individuals. It's so great to think of how many encounters were made throughout the year, especially when you think of how many of our members chose transportation as a career following an exciting guest lecture. Please see [page 30](#) for the winners who were drawn for free registration to our Toronto conference.

We are also pleased to share that we are onboarding a new and important partner to support and distribute the Canadian Capacity Guide (CCG) method. We have confirmation that PTV will be incorporating this method to evaluate signalized intersections into their next version of PTV Vistro! You can learn more about CCG by downloading the method from our website ([cite7.org/canadian-capacity-guide](http://cite7.org/canadian-capacity-guide)) or you can be in touch with Jim Gough at [GoughJ@mmm.ca](mailto:GoughJ@mmm.ca) for opportunities to be involved. I thank all of our volunteers for their dedication and for bringing partnership about; commercialization will help this Canadian approach be so much more available.

Spring is also a busy time for our student members. We have just confirmed that once again nine universities and colleges will compete in the Canadian Traffic Bowl competition on Sunday, July 30 ahead of the [Joint ITE/CITE 2017 Annual Meeting and Exhibition](#) in Toronto. The winning team will then move on to the international competition the following day. I also want to thank our Sections for coordinating student presentation competitions at the local level. Finally, our Board, similar to last year, has committed to subsidizing student registration rates at our joint ITE conference in Toronto. The first 50 students will be able to take advantage of this subsidy and the details, including a promo code, will be shared by your student chapter executive.

This year, we will have two elections! One to welcome a new Secretary-Treasurer to serve the Canadian District and a second election for ITE International Vice President. In terms of our CITE election, I wish to thank my colleague, Gene, for coordinating and to our three candidates – Nabil Ghariani, Pedram Izadpanah, and Ryan Vanderputten – for stepping forward. While ITE encourages fair, if quiet, elections, I hope you take the time to get to know the candidates through their [bios in this newsletter](#) and thank them for their already long history serving CITE. Each

# president's ponderings



Jen attends a joint Manitoba Section and University of Manitoba Student Chapter meeting in February

has an interesting background and no doubt would make excellent contributions to ITE. I and your Executive look forward to welcoming the successful national and international candidates at the Toronto conference.

Finally, I wish to thank the Manitoba Section and Student Chapter for welcoming me back in February. It was great to be home and I enjoyed seeing the two groups come together at the university campus. April will bring a new set of TAC spring meetings and the inaugural visit for many of CITE's appointees to participate on technical committees with our strongest partner organization. In May, I look forward to my first Atlantic Provinces' meeting in Halifax. I fully expect to experience some new traditions and anticipate an excellent day-long meeting on a favourite topic or two.

Best wishes and please continue to contact me with your ideas on how we can work together.

**JEN MALZER**  
Canadian District President

## *TNICO is proud to introduce TAPCA*

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# district director's message

It's hard to believe that April is already here. Spring is a special season for Canadians. We can (finally) put winter behind us and begin enjoying better weather and more daytime hours. Many Canadians also associate it with promise and the upbeat ideas of rebirth, rejuvenation, renewal, resurrection, and regrowth. Plus, spring marks the start of NHL, CHL, and NBA playoffs for us sports fans, not to mention the beginning of the MLB and MLS seasons!

It's also hard to believe that the **Joint ITE/CITE 2017 Annual Meeting and Exhibit** is only a few months away. As many of you are aware, CITE is co-hosting this year's ITE International conference in Toronto from July 30 to August 2, 2017. ITE HQ staff, the Toronto Local Arrangements Committee, and other ITE volunteers are assembling an outstanding event that showcases the very best transportation has to offer from an international perspective.

The technical program for the meeting is expansive and features four plenary sessions, 27 breakout sessions, six smaller focus sessions, and 20-25 poster sessions. There is considerable Canadian content found throughout the program. A complete list of the sessions can be found at [ite.org/annualmeeting/sessions.asp](http://ite.org/annualmeeting/sessions.asp).

The meeting will also feature Toronto's first TransportationCamp on Sunday, July 30, 2017 from 8:30 AM to 3:00 PM. For those unfamiliar with the event, TransportationCamp is an unconference bringing together transportation professionals, technologists, and others interested in the intersection of urban transportation and technology. See [transportationcamp.org](http://transportationcamp.org) for more information on this innovative event being held in conjunction with the meeting.

I encourage you to make the Joint ITE/CITE 2017 Annual Meeting and Exhibit in Toronto your conference destination this year. The meeting promises to be exciting and invaluable, offering the broad range of professional development and networking opportunities unique to an ITE and CITE event. Let's make Toronto 2017 an overwhelming success and attend the event in record numbers. Show our colleagues from around the world that Canadians are welcoming and enthusiastic hosts. Registration for the meeting is now open at [ite.org/annualmeeting](http://ite.org/annualmeeting). Several excellent sponsorship and exhibition opportunities are also still available.

ITE has kicked off a formal membership drive with a goal of 500 new, paid members by July 21, 2017, and more than 15,000 total members worldwide by the end of the year – our **15K Membership Campaign**. While ITE is always recruiting new members, this is the Institute's first formal membership campaign in a long time and features two contests to encourage participation:

- At the Section level – The Section realizing the largest percentage increase in new, paid members will receive a cash prize of \$2,500, with second and third place receiving \$1,000 and \$500, respectively. The three Sections will be recognized at the Joint ITE/CITE 2017 Annual Meeting and Exhibit.
- At the Individual member level – Existing ITE members will receive a 50% discount on a webinar of their choice in 2017 for each new, paid member signed up. The individual who signs up the most new, paid members will receive a complimentary registration to the 2018 Annual Meeting, plus recognition in other ITE communications.



**GENE CHARTIER,**  
**M.A.Sc., P.Eng., FITE**  
Canadian District Director  
[director@cite7.org](mailto:director@cite7.org)

# district director's message

ITEHQ has developed a broad range of marketing and promotional tools, including flyers, videos and registration forms, to help with the campaign. Check the ITE website for further information, or contact Colleen Agan, Senior Director of Membership at [cagan@ite.org](mailto:cagan@ite.org).

ITE is also embarking on a related initiative to encourage our more esteemed members to become Fellows of the Institute. ITE HQ is revising the application process and creating new promotional material to better explain the value and prestige associated with the Fellow designation. These benefits are not well understood or appreciated by many members and, until recently, cost more in dues payments, a further deterrent to becoming a Fellow. Look for this program to get underway in May.

Finally, **CITE and ITE are both holding elections this spring.** Information about the candidates vying for the **CITE District Secretary-Treasurer** and **ITE International Vice President** positions is provided in this edition of Transportation Talk. Voting for the CITE election will open on April 10 and close on May 10, while voting for the ITE election will open on June 14 and close on July 12. For both elections, eligible members will be emailed information about how to cast their ballots and sent reminders as the close of voting approaches.

Please exercise your right (and privilege) of membership in ITE and participate in both elections. Let's fill the (virtual) ballot boxes!

Feel free to drop me an email at [director@cite7.org](mailto:director@cite7.org) if there is anything you want to discuss or share about ITE. See you in Toronto in July!



**GENE CHARTIER**  
Canadian District Director



From Student to Professional, ITE provides our members value and support throughout their careers. We help you create connections, keep you in the know, find solutions, grow in your career and make your voice heard. Join ITE today to be a part of our community of transportation professionals. ITE members use their ITE benefits to save lives, move people, enhance communities and grow the economy every day. Our community can benefit your community. **Join Today!**

[www.ite.org/membership](http://www.ite.org/membership)



## Your Candidates for the 2017-2019 DISTRICT EXECUTIVE

The Call for Nominations for the 2017-2019 Canadian Institute of Transportation Engineers (CITE) District Executive Committee has officially closed.

There are two acclaimed positions: President and Vice President. An election will be held for the position of Secretary-Treasurer.

Voting for the Secretary-Treasurer position will be completed through electronic ballot. Voting will open on Monday, April 10, 2017 and close on Wednesday, May 10, 2017 at 11:59 PM PST.

All CITE members in good standing as of March 31, 2017 will receive an email announcing the commencement of voting with information on how to cast a ballot. Student members are not eligible to vote.

If you do not receive voting instructions via email by April 11, 2017, please contact Steven Garner, District Administrator at [sgarner@cite7.org](mailto:sgarner@cite7.org).

All other questions regarding the election can be directed to:

Gene Chartier, M.A.Sc., P.Eng.  
Canadian District Director and  
Nominating and Elections Committee Chair  
Email: [director@cite7.org](mailto:director@cite7.org)

Election results will be announced at the 2017 CITE Annual Business Meeting to be held in Toronto on August 2, 2017 during the 2017 Joint ITE/CITE Annual Meeting and Exhibit.

The following are your candidates:

### PRESIDENT

**Edward Soldo** – *Acclaimed*  
City of London (Southwestern Ontario Section)  
Current 2015-2017 CITE Vice President

### VICE PRESIDENT

**Julia Salvini** – *Acclaimed*  
Salvini Consulting (Southwestern Ontario Section)  
Current 2015-2017 CITE Secretary-Treasurer

### SECRETARY-TREASURER

*Listed in alphabetical order by last name*

**Nabil Ghariani**  
Traffic+ Engineering Ltd. (Toronto Section)

**Pedram Izadpanah**  
CIMA+ (Hamilton Section)

**Ryan Vanderputten**  
City of Calgary (Southern Alberta Section)

Biographies of the candidates appear in this issue of Transportation Talk and will be posted on the CITE Elections website ([cite7.org/election](http://cite7.org/election)) before voting begins.

Further information about the duties and responsibilities of the Executive Committee positions can be found in the CITE Bylaws ([cite7.org/about-cite/governance/bylaws](http://cite7.org/about-cite/governance/bylaws)).



## PRESIDENT (ACCLAIMED)

### Edward Soldo, P.Eng., FITE

Director of Roads and Transportation, City of London and 2015-2017 CITE Vice President Southwestern Ontario Section

#### Professional Biography and Experience

Edward is a dedicated transportation professional with over 22 years of experience, who has been a member of ITE since 1994 and has served ITE at the Student Chapter, Section and District level. He has been the on CITE District Executive since 2013, serving as Secretary Treasurer and most recently as Vice President.

Prior service with ITE includes serving on the Hamilton Section executive from 2002 to 2010 and as the Student Liaison/Faculty Advisor for the Mohawk College Student Chapter from 1999 to 2000. He is currently a member of the Southwestern Ontario section.

As the Director of Roads and Transportation at the City of London, he leads a multi-disciplinary team responsible for all aspects of the transportation system, including planning, design, construction, operation and maintenance of roadways, and is also leading the implementation of the City's Shift Rapid Transit initiative.

His educational background includes a Bachelor's Degree in Civil Engineering from McMaster University, a Diploma in Public Administration from Western University and a Masters Certificate in Municipal Management from Schulich School of Business at York University. He is a registered professional engineer in Ontario and served on the Professional Engineers of Ontario Hamilton Section executive, including as Section Chair in 2000.

#### Goals and Objectives

ITE has been an invaluable resource throughout my professional career. The opportunity to serve ITE and help others realize the benefits of the ITE organization are my motivation for running.

As President, I will continue to work with my colleagues on the District Executive and the District Board of Directors to advance the many successful CITE activities already underway, and promote value added new initiatives that complement the CITE Strategic Plan.

Since becoming a member of the CITE District Executive, we have worked together to modernize the management and delivery of services to the membership. As President, providing value added training and educational opportunities will be an objective that I intend to work with my executive colleagues to move forward. Through the establishment of the CITE Training Committee in 2016, our goal is to increase the awareness and availability of opportunities related to new and emerging topics in partnership with the CITE Technical Liaison Committee, ITE International and affiliate organizations like TAC and CUTA.

I will continue to support and champion student chapter activities, promoting students to enter transportation programs in Canadian universities through the development and enhancement of student scholarships, mentorship programs and young professional leadership events and conferences.



## VICE PRESIDENT (ACCLAIMED)

### Julia Salvini, P.Eng.

President, Salvini Consulting and 2015-2017 CITE Secretary-Treasurer Southwestern Ontario Section

Julia Salvini is President of Salvini Consulting Inc., a Kitchener-based firm that provides a wide range of transportation engineering and planning services. Julia has a long history of service with the Institute of Transportation Engineers at the local, national and international levels and looks forward to continuing the important work of the Canadian District as Vice President in the term 2017 to 2019 along with the other members of the Executive Committee, the Board and the many valuable volunteers in the organization.



## CANDIDATE FOR SECRETARY-TREASURER

### Nabil Ghariani, M.S.C.E., P.Eng., PTOE, MITE

President and CEO, Traffic+ Engineering Ltd.

Toronto Section

[Nabil@trafficplus.ca](mailto:Nabil@trafficplus.ca)

Transportation moves forward with united, dedicated and passionate transportation engineers and planners. I have the pleasure to consider myself as one of them. I have been part of ITE as a graduate student since 1999, volunteering and presenting papers. I would like to serve as a member of the CITE executive where my experience in Traffic Engineering, Transportation Planning, Education and Student Support will be fully utilized across Canada.



#### Who am I?

I am a passionate and dedicated Traffic Engineer and Transportation Planner. I endeavor to solve traffic engineering issues and provide transportation solutions that are sustainable and innovative. I have 14 years of technical and planning experience gained from working at different consulting engineering firms and by getting involved in transportation planning and environmental assessment projects that are challenging and complex that require ingenuity and innovation to ensure that communities will highly benefit from the transportation improvements that will be implemented. The range of projects that I undertook comprise of traffic operations, transit feasibility studies, pedestrian capacity analyses, transportation master plans and many class environmental assessments. As the founder of "Traffic+ Engineering Ltd.," I have the opportunity to get directly involved in projects and discuss with clients and municipalities about potential solutions that will benefit the community.

I am also a committed traffic engineer where I offer guidance and support to junior engineers and students. I have recently taught VISSIM software to graduate students in transportation as part of ITE Ryerson University Chapter training sessions.

#### Why am I Considering for Nomination?

I have many years of experience as a volunteer, especially for ITE. When I joined the ITE Student Chapter in 1999 at the University of Massachusetts, I was actively involved in ITE student chapter activities work by providing my time and effort to collect funds for the chapter with my fellow classmates. I would like to apply my drive of helping and my technical expertise to benefit CITE growth at the national level.

The other major reason to join CITE Executive committee is to develop transportation solutions and guidelines that are typical to Canadian urban fabric and communities lifestyles.

#### My Contribution to ITE

Since being an ITE member, I was always trying to get involved in the ITE chapter whether in the US or Canada. Some of my past contributions and help to local and national ITE chapters are as follows:

- Served as a judge at the 9th Annual ITE Section Student Presentation Competition 2017
- Taught VISSIM Software to ITE Students at Ryerson University 2017
- Presented a Technical Paper at the CITE Annual Conference in Regina, SK 2015
- Volunteered at the CITE Annual Conference held in Waterloo, ON 2014
- Presented my master's thesis research at the Texas ITE Annual Meeting, Texas, USA 2002



## CANDIDATE FOR SECRETARY-TREASURER

### Pedram Izadpanah, Ph.D., P.Eng.

Partner, CIMA+  
Hamilton Section

[Pedram.Izadpanah@cima.ca](mailto:Pedram.Izadpanah@cima.ca)



I am a proud alumnus of the University of Waterloo, where I became involved in the ITE as vice president, and then the president, of the University of Waterloo Student Chapter. This was an incredible experience in which we began to identify sustainable funding sources. This funding enabled us to attract students to ITE.

I was privileged to be accepted as a member of the CITE Technical Liaison Committee (TLC) in 2007. This opportunity allowed me to learn tremendously from the giants of CITE and build great friendships in the CITE community.

During close to 10 years of service at the TLC, I interacted with section executives, student chapters, and the general membership to identify the technical needs of our members. Additionally, I have been able to serve our CITE community in the following capacities:

- ✓ Vice Chair of the TLC;
- ✓ TLC representative on the ITE Coordinating Council;
- ✓ Member of the ITE Safety Council; and
- ✓ CITE appointee to the TAC Road Safety Standing Committee.

By profession, I am partner and senior project manager with CIMA+ in Burlington, Ontario where I practice traffic engineering. My philosophy is to utilize technology to collect, compile, and analyze transportation related data to assist road authorities in making better decisions.

At home, I am a husband, and father to our 5 year old son, Ryan, who keeps us both busy. I consider myself a foodie and enjoy trying new restaurants.

I have had a fun ride in my career so far, and I owe a debt of gratitude to those who came before me in our industry, particularly CITE, and I would like to give back to our CITE family. If you provide me the privilege of serving the CITE members as Secretary – Treasurer, I will work closely with the executives to achieve the goals set forth in the CITE strategic plan. It is a sensible plan and if implemented effectively with a few tweaks, the CITE members will benefit tremendously. Specifically, I would aspire to achieve the followings during my tenure:

- ✓ Provide a synopsis of the executive meetings to the membership: As the CITE Secretary, I will work with the other executives to publish a brief one-page information sheet, two weeks after each executive meeting that will summarize discussions and hot topics.
- ✓ Full deployment of e-commerce: In the past few years, CITE has made significant progress in the deployment of e-commerce, which has streamlined the registration and payment process for annual conferences. As treasurer, I will review all processes and identify further opportunities to improve our payment procedures.
- ✓ Train the workforce of future: Our industry is going through phenomenal changes with the advent of autonomous vehicles. The details and timelines are unclear. What we do know is that our members need to acquire new skillsets. I will work with the CITE executives, TLC, and ITE Councils to establish the required training and disseminate information regarding new developments, legislative changes, and other initiatives related to autonomous vehicles to our membership.

## CANDIDATE FOR SECRETARY-TREASURER

### Ryan Vanderputten, M.Eng., P.Eng.

Director, Transportation Planning, The City of Calgary  
Southern Alberta Section

[Ryan.Vanderputten@calgary.ca](mailto:Ryan.Vanderputten@calgary.ca)

For those of you who don't know me, my name is Ryan Vanderputten. I am currently the Director of Transportation Planning with The City of Calgary.

I have been a member of CITE since graduating from the University of Waterloo in 1999, and am currently a Fellow with ITE. Being an active member has allowed me to develop strong professional (and personal) relationships with other members of the ITE family. CITE has given me an opportunity to grow in my profession, learn from others in the industry, and share my knowledge and experience with others. I want to ensure that this value remains a benefit to the membership, and position CITE as the organization of choice for transportation professionals.



Over the years, I have had the opportunity to get to know many CITE members from across the country, as an active member of four different sections/chapters (BC Interior Chapter, Toronto Section, Southern Alberta Section and the Southwestern Ontario Section). I have served on the executive of both the BC Interior Chapter and the Southern Alberta Section, including on the CITE District Board as President of the Southern Alberta Section in 2009. I am also a member of the 2017 class of *LeadershipITE*, a program developed by ITE to engage leaders and ensure that we are positioned to shape the future of transportation.

I am running for Secretary-Treasurer of the Canadian District to ensure that issues relevant to transportation professionals in Canada are brought to the table. I will work with CITE members to identify areas of opportunity to grow and communicate the value of membership with ITE. I look forward to being able to contribute to the strategic planning of CITE as an organization, working with other experienced members to position ITE as a source of experience and knowledge. I would also hope to raise the profile of CITE as an advocate for better transportation systems across all modes.

Over my nearly two-decade-long engineering career, I have worked in both the public and private sectors, in Ontario, British Columbia, and Alberta (The City of Calgary, Ministry of Transportation Ontario, MMM Group, Urban Systems). I have a Bachelors degree in Civil Engineering from the University of Waterloo, a Masters degree in Transportation Engineering from the University of Calgary, and a Masters Certificate in Municipal Leadership from the Schulich School of Business from York University.

On a more personal note, I am married to my best friend (Sarah) and we have two wonderful kids (Michael, 10 and Alanna, 7). I love to travel, cheer on the Calgary Flames, and play the bass guitar. In my spare time (ha!), I founded Forest City Robotics, an organization designed to encourage the development of science, technology, engineering and mathematics (STEM) skills in youth through LEGO-based robotics design and programming.

Ryan Vanderputten



**ite**  
**Toronto 17**  
Annual Meeting and Exhibit  
July 30 - August 2



**PLENARY SESSIONS FOR #ITETORONTO2017 ARE TAKING SHAPE!**

*Not to be Missed Sessions Featuring Brent Toderian and Experts from Canadian Health Community*

Registration is now open for #ITEToronto2017 and the conference is quickly shaping up to be a truly not-to-be-missed transportation event for 2017. In addition to a technical program providing solid professional development and training opportunities, CITE and ITE have put together stellar plenary sessions.

On Tuesday, August 1, the Power Lunch sponsored by Stantec focuses on the future of autonomous vehicles with **Dr. John Leonard**, Area Lead for Autonomous Driving Studies, Toyota Research Institute and the Samuel C. Collins, Professor of Mechanical and Ocean Engineering and Associate Department Head for Research, Department of Mechanical Engineering, MIT (Cambridge, MA US).

Continuing on Tuesday, the afternoon plenary session features an in-depth and interactive conversation on the link between transportation and public health. Presenters in this session are **Ms. Leslie Meehan**, AICP, MPA, Director, Office of Primary Prevention, Tennessee Department of Health (Nashville, TN US), **Dr. David Mowat**, MChB, MPH, FRCPC, Senior Scientific Lead, Population Health, Canadian Partnership Against Cancer (Toronto, ON), and **Dr. Eileen de Villa**, Medical Officer of Health for the City of Toronto.

Don't sneak out of #ITEToronto2017 early! As the capstone to the conference, **Brent Toderian**, Founder, TODERIAN Urbanworks, promises to provide thought-provoking and provocative remarks during the Closing Plenary on Wednesday, August 2. Using a TED-talk format, Toderian will discuss what a true multi-modal city does (and doesn't) look like. This session is guaranteed to have attendees talking well past its conclusion so plan to be there to listen live!

For complete information on the Joint ITE/CITE 2017 Annual Meeting and Exhibit, visit [ite.org/annualmeeting](http://ite.org/annualmeeting).

**JEFFREY F. PANIATI, P.E. (F)**  
Executive Director and Chief Executive Officer, ITE

**GENE CHARTIER, M.A.Sc., P.Eng. (F)**  
Chair, Local Arrangements Committee

Register today for the Joint ITE/CITE 2017 Annual Meeting and Exhibit:

[ite.org/annualmeeting](http://ite.org/annualmeeting)

Watch this video to hear first hand from fellow ITE members about the value of attending!

## 2017 CANDIDATES FOR ITE INTERNATIONAL VICE PRESIDENT



### Ken Ackeret P.E., PTOE, Ph.D.

Principal, Kimley-Horn and Associates, Inc.  
Las Vegas, NV, USA

[Ken4ite.org](http://Ken4ite.org)     [ken.ackeret@kimley-horn.com](mailto:ken.ackeret@kimley-horn.com)

#### Volunteers Moving ITE Forward

I am passionate about our ITE members who volunteer for the success of our profession. They are the backbone of the ITE Community and ensure the sustainability, visibility, strength, and growth of our organization. With my strong focus on volunteerism, backed by my 30+ years of active ITE membership, together we will Move ITE Forward as a leader in the global transportation community. I will support and encourage our volunteer efforts to be focused on the four cornerstones of ITE—**Recognized, Relevant, Value-added, Connected.**

I have been fortunate to serve at all levels of ITE leadership including, Western District Technical Chair and President, International Director, and Traffic Bowl Chair and Transportation Professional Certification Board Chair. This experience has given me the knowledge, ability, and excitement to effectively work with our volunteers to ensure we are:

- ***Recognized as leaders in the transportation community***
- ***Focused on work relevant to our profession***
- ***Adding value to our members and the profession***
- ***Connecting globally to strengthen our worldwide community***

As a principal at Kimley-Horn for 25 years, I have brought diverse groups together to work toward common goals by applying my unique blend of academic and applied transportation knowledge. This experience will serve as my foundation to ensure our volunteers at all levels are working to Move ITE Forward.

In addition to my ITE volunteerism, my community volunteerism includes serving as Scoutmaster with Boy Scout-Wood Badge, Leadership Las Vegas, and Corvette Club President to name a few. As your International Vice President, I will be a servant leader to our diverse volunteers and will successfully implement plans, programs, and ideas at the international level to ensure that ITE grows as a leader in the global transportation community. Thank you for your support.



## Bruce Belmore

P.Eng., PTOE, AVS, FITE

Western Canada Transportation Planning Manager, WSP Group  
Regina, SK, Canada

[bruceb4ite@gmail.com](mailto:bruceb4ite@gmail.com) | [www.bruceb4ite.com](http://www.bruceb4ite.com) |

connect:   

**Who am I?** I am a **devoted transportation professional** with over 25 years of experience and **passionate about ITE**. I have served ITE at the Section, District, and International levels. My involvement includes recently completing a three-year term on the International Board of Direction. Further, I give back to the engineering community as an adjunct professor at the University of Regina. I intend to **build upon the hard work and initiatives already started**, and **continue to develop ITE as a leading organization** in operating and delivering services to members.

### Goals:

1. **Communication** – we need to reflect how members like to communicate and receive information today. Whether it's through the ITE Community, social media platforms, or cloud-based document sharing, we need to **ensure that information is timely, relevant, and readily accessible** by our members.
2. **Collaboration** – we need to **work more closely with other transportation organizations**. By sharing knowledge and resources, we can produce technical reference documents faster, at a shared cost, and with full recognition of our members' contributions.
3. **Knowledge** – we also need to **streamline the approval and release of technical documents** so that valuable resource materials are in our members' hands quicker.
4. **Growth** – we need to **grow our membership to remain a healthy, vibrant organization**. Key to this growth and our long term stability is developing new student chapters and encouraging highly active sections. We also need to start new sections outside of North America where there is growing interest in ITE membership.
5. **Member development** – we need to **develop the skills of members, including technical skills, soft skills, and leadership skills**. We need well-rounded transportation professionals in our industry; ITE can lead in the growth of members' skills.

I have the **desire to see ITE grow and succeed**. Simply, **I have something to contribute**.

# my favourite...

In this feature, fellow CITE members share favourite transportation tidbits from across Canada. For this spring edition, Mike and Marian tell us about their favourite...

## ...bicycle trails and routes



**Mike Connors, MScE, P.Eng.**

Transportation Engineer, WSP Canada Inc. | Dartmouth, NS

### Bill Thorpe Walking Bridge | Fredericton, New Brunswick

The Bill Thorpe Walking Bridge, a signature component of Fredericton's exceptional trail network, is a place that I always find time for when visiting my hometown. The bridge spans the Saint John River, linking the north and south sides of Fredericton along an AT facility that is among the best 'Rails to Trails' examples that I've experienced. The 130-year old steel truss structure, spanning nearly 600m, was retrofitted with a wood deck and railings and incorporated as part of the Trans Canada Trail in the 1990's. Though I can't vouch for the accuracy of the claim, local lore places it among the world's longest converted rail trail bridges. Its direct connectivity into downtown Fredericton and remarkable panoramic views of the City have made it a profoundly popular community asset that serves both utilitarian and recreational uses alike.



CREDIT: GILLIAN BARFOOT / GILLIANBARFOOT.COM



CREDIT: CAROL RANDALL

Have a topic idea? Want to be featured in a future edition? Contact us at [communications@cite7.org](mailto:communications@cite7.org)!



## Marian Mithani, P.Eng.

Client Consultant, Eco-Counter | Montreal, QC

### Laurier Street East | Montreal, Quebec



CREDIT: ECO-COUNTER

I love Laurier Street because it embodies Montreal's bike culture: easy and happening. In a few compact blocks, riders breeze by vibrant murals, three-storey walk-ups, schoolyards full of children, and the corner store along bike lanes that straddle both sides of a one-way street. On one end is quaint Laurier Village full of boutiques, terraces, local and speciality grocers and atelier cafés. On the other end is a gateway to hip Mile End with its micro-breweries, designer shops, and brunch spots. Between are links to two other protected bike lanes and a bicycle boulevard. Laurier park sits in the centre dotted with the summer picnic crowd or in the winter, skating rinks. Then, la pièce de resistance: the north entrance of Laurier metro opens to the closest Bixi station and Montreal's only bike counter display. Laurier is the epitome of a bike friendly route, but really a street for everyone.

### Hamilton Waterfront Trail | Hamilton, Ontario

One of Hamilton's best kept secrets, this trail is a gem. It's wide open and right on the water's edge with plenty of lookout points and benches for quiet contemplation. One of my fondest memories on the trail was spotting deer and bunnies on the evening commute. Nestled by Cootes Paradise on one end, a conservation wonderland, you can ride along a floating barge tucked under Highway 403 and feel miles away from "the city." Yet, the trail still connects Westdale Village, a stronghold of student apartments and single family homes, to Bayfront Park, Pier 4 Park, and mighty North End towards artsy James North. In the spring and summer, you look out to sailors and dragon boats. Riding in the calm and crisp air alongside almost dormant railyards reminds you of the grit, nature, and industrial beauty that is the Hammer.



CREDIT: BOB CANTON/FILICKR



CREDIT: DOUGLAS EWORRALL

...continued from page 1

Active transportation (AT) on highways is a complex public policy concern. While there are numerous benefits associated with AT, there are also significant costs associated with AT in a highway context. To address this issue on a national level, the Council of Ministers Responsible for Transportation and Highway Safety has formed a working group of jurisdictions across Canada to explore this complex topic. Their work suggests that there is no one-size-fits-all approach to AT policy. Jurisdictions are incorporating local contexts into planning and policy development. It is with this lens that Manitoba Infrastructure embarked on an 18-month policy development journey to answer the following questions:

- How can a highway operator cost-effectively ensure AT safety?
- Under what circumstances should a highway operator consider AT?
- What AT planning guidelines should apply to highways?
- What are appropriate highway operational and maintenance responsibilities when it comes to AT?

The purpose of this policy development journey was to outline the role of Manitoba Infrastructure in addressing AT on provincial highways and to guide Manitoba Infrastructure's decision making process when considering AT users and AT needs in relation to the provincial highway network.

Our AT policy is nearly complete and our goal is to launch its first phases in spring 2017.

## WHY ACTIVE TRANSPORTATION?

AT is an important transportation option for people of all ages, abilities, and incomes. Improving AT options for commuting, healthy living, recreation, and touring will provide benefits to society, but cost-effectively maximizing these benefits requires a strategic approach.

## ACTIVE TRANSPORTATION SAFETY IS A SHARED RESPONSIBILITY

Supporting and promoting AT as a safe, viable, and healthy mode of transportation involves multiple sectors, jurisdictions, and interest groups. Collaboration and coordination among these various groups is critical to safely and effectively facilitating the growing interest in AT.



**Manitoba Government:** In addition to Manitoba Infrastructure, numerous provincial departments and agencies have a role in facilitating AT in Manitoba, including: Manitoba Public Insurance, the Department of Indigenous and Municipal Relations, the Department of Sustainable Development, the Department of Health, Seniors and Active Living, the Department of Education and Literacy, and Intergovernmental Affairs.

**Local Governments:** Most AT trips are short (i.e., less than 5 km), primarily local in nature, and concentrated in urban areas, making municipalities best placed to plan, develop, and operate AT facilities and networks in local areas.

Active Transportation Considerations	
<b>Safety</b>	AT users are particularly vulnerable to injury. It is a top priority to ensure the safety of all transportation system users.
<b>Infrastructure</b>	AT is a way to reduce congestion on roads and highways, thereby reducing wear-and-tear and extending the life of infrastructure.
<b>Accessibility</b>	AT is a viable and accessible transportation option for all Manitobans, especially those who do not have direct access to a personal motor vehicle.
<b>Healthy Lifestyles</b>	The health-related benefits of AT outweigh the costs of exposure to injury and pollution by approximately 12 times (based on a daily commute of 5 kilometres).
<b>Environment</b>	AT as an alternative to passenger vehicles emits no harmful emissions and consumes very little energy.



# active transportation on highways

**Trail Developers and Organizations:** Numerous organizations within Manitoba plan, develop, and operate trails for recreational use. To ensure safe and enjoyable trail experiences, trail developers should make efforts to develop facilities that provide separation from motor vehicles, wherever practical.

**Private Sector:** The private sector also has a role in partnering with trail developers and governments to improve the experiences of AT users by supporting trail development and operation and by ensuring appropriate goods and services are available to AT users.

**Active Transportation Advocacy Groups:** Collaboration with AT advocacy groups can result in valuable partnerships to identify priorities and promote safe practices for all users.

**Public Stakeholders:** AT is a transportation option for people of all ages, abilities, and incomes. The public has an important role in ensuring their own safety by seeking out the necessary information on AT facility conditions in order to make good route planning decisions.

## POLICY DEVELOPMENT: A COLLABORATIVE PROCESS

Over the course of our 18-month policy development journey, the Transportation Systems Planning and Development branch consulted extensively across the department, involving staff experts in policy, planning, engineering, construction, and maintenance/operations. The goal of the consultative strategy was to identify the range of departmental practices as it relates to AT, decision-making processes that are employed, and concerns of staff when considering AT in their daily practices.

The consultation process was kicked off with a day-long workshop. For all of us, it was the first time that all transportation opinion leaders from across the provincial

government sat down together to develop a shared understanding of how AT impacts our lives and the work we do to keep Manitobans moving. The workshop set the stage for shared thinking on AT and a framework to advance the policy development journey emerged.

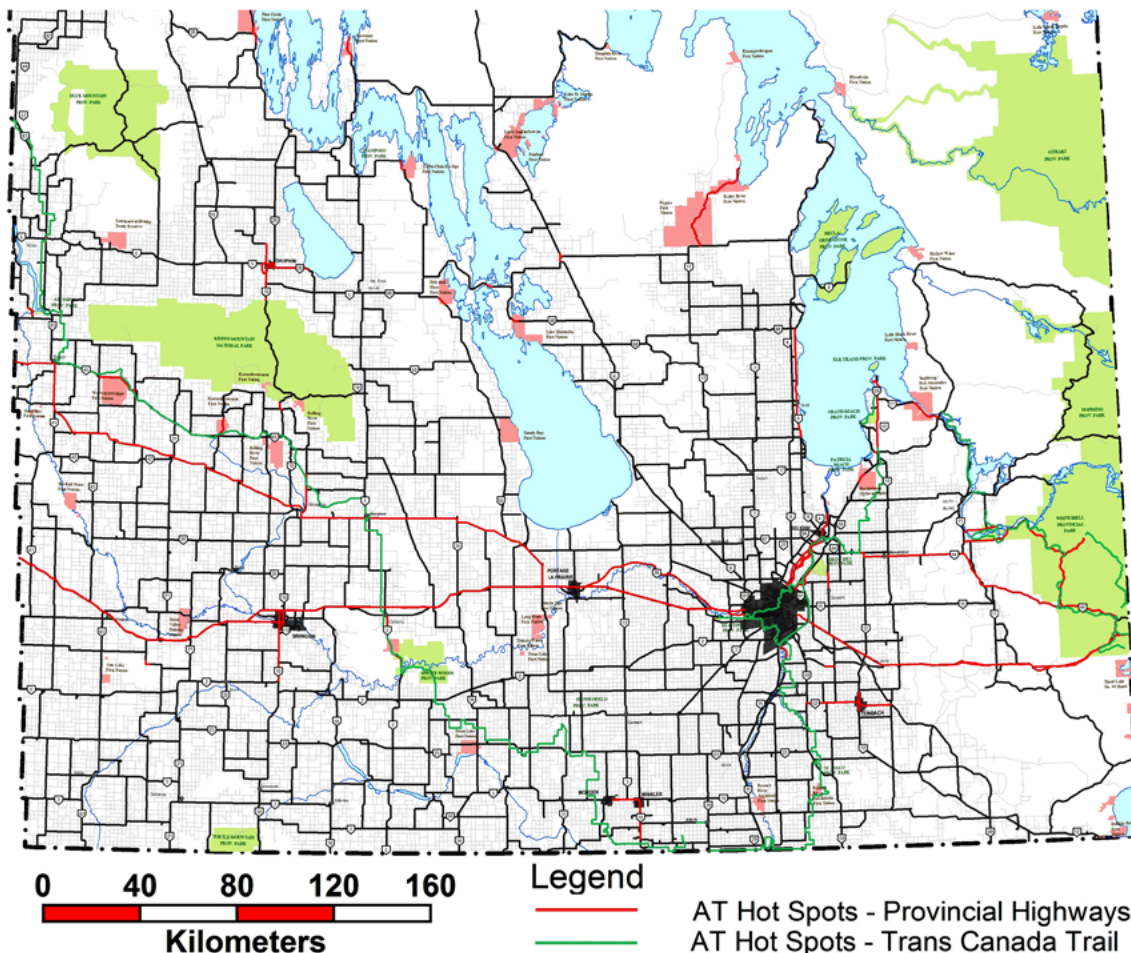
Over the next year, the Transportation Systems Planning and Development branch consulted far and wide with focused group meetings, numerous one-on-one interviews, and site visits across every region of the province. We learned that each region has unique perspectives related to AT based on local conditions. Nevertheless, a few key themes common across the department emerged:

- AT use on highways is a safety concern, though not in all locations.
- There is incomplete information on the prevalence of AT across the provincial highway network.
- Manitoba Infrastructure currently invests funds in AT; however, this investment is inconsistently applied across Manitoba.
- All practice areas of the department are impacted by AT in different ways. A one-size-fits-all policy will be ineffective.
- A simple decision-making tool would enable consistent practices.

Ultimately, the department was clear on what was needed: **policy and guidance to support consistent decision-making on departmental practices in locations with the highest active transportation demands.** To enable good departmental operational, maintenance, and stewardship decisions, a simple three-step process (see below) will identify priority locations, assess the context and risk of that location, and guide an appropriate response.



Figure 1: Manitoba Active Transportation Trigger Map (cropped to southern Manitoba)



## CONTEXT: MANITOBA'S RURAL LANDSCAPE AND PROVINCIAL HIGHWAY NETWORK

More than two-thirds of Manitoba's population lives within 25 kilometres of the two largest cities of Winnipeg and Brandon. The remainder of the province is characterized by smaller towns separated by large expanses of sparsely populated rural landscapes. Manitoba Infrastructure operates the province's highway network which is comprised of approximately 19,000 kilometres of regional, inter-regional, and inter-provincial routes. Because of the province's rural nature, the vast majority of this network is designed to accommodate motorized vehicles travelling on longer trips at high speeds.

### Step 1: Identifying AT "Hot Spots"

The vast majority of the highway network sees almost no cycling and pedestrian traffic. Observation has revealed that AT activity is prevalent in specific locations. The highest active transportation use along highways (i.e., an AT "hot spot") is in the vicinity of First Nation communities, urban areas, recreational areas (including parks, campgrounds, cottage communities, and other recreational services and amenities), and local trail networks (including the Trans Canada Trail).

To support planning, the department developed a map of known AT hot spots, which the Transportation Systems Planning and Development branch is calling the **Manitoba Active Transportation Trigger Map** (see Figure 1 above). This map is intended to be the starting point for departmental decision-making on AT. It will become an essential tool to determine the priority of a "hot spot." The location of a hot spot identified on this map will "trigger" a consistent and appropriate departmental response.

The Manitoba Active Transportation Trigger Map indicates the location of AT hot spots based on:

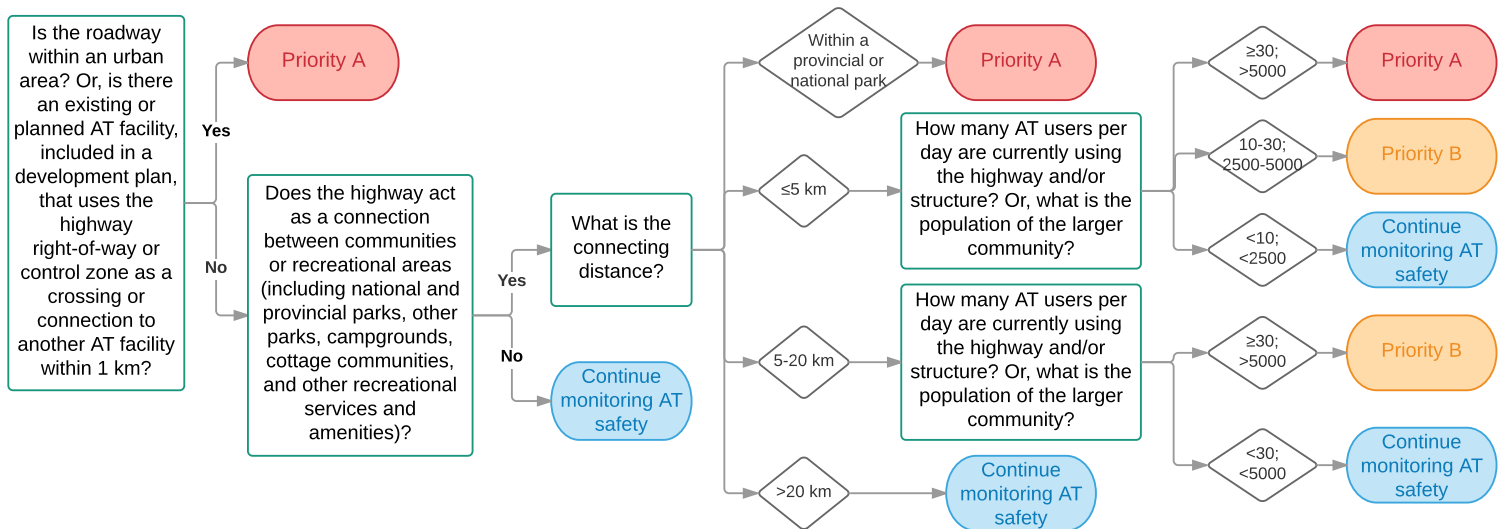
- observations from field staff
- locations of existing AT facilities
- locations with high AT collision frequency
- municipal/community development plans
- proximity to potentially high-use areas

### Step 2: Determine the Priority of an AT Hot Spot

When a capital, maintenance, or stewardship practice is in a location identified as an AT hot spot, the department can further assess the priority of a treatment response based on level of risk. "Hot spot" areas with higher risks to AT safety are classified as Priority A and areas with lower risks to AT safety are classified as Priority B. This risk-assessment process is depicted as a decision-tree (see Figure 2: Identifying AT Priority Based on Level of Risk). The decision tree assesses the risk to AT users based on AT demand and local conditions.

# active transportation on highways

Figure 2: Identifying AT Priority Based on Level of Risk



In summary:

- Priority A corridors have higher AT use or are connected to communities or recreational areas with higher populations, which are likely to generate relatively high volumes of AT traffic. Priority A corridors typically correspond to a connection distance of 5 km or less, which means these corridors are likely to be used by children, seniors, and people with mobility challenges.
- Priority B corridors have lower AT use or are connected to communities or recreational areas with lower populations, which are likely to generate relatively moderate AT traffic. Priority B corridors typically correspond to a connection distance of 5 to 20 km, which means these corridors are likely to be used predominantly by adults, due to the longer connecting distance.
- Non-priority corridors have no significant AT use but may be monitored if it is anticipated that AT use may increase in the future.

### Step 3: Determine AT Scenario and Apply Departmental Response

The majority of demands on Manitoba Infrastructure activities impacted by AT correspond to a few, specific AT-related scenarios to which Manitoba Infrastructure must react in order to ensure safety. Three general scenarios are identified in the table to the right. The policy will suggest a departmental response for each scenario based on risk and context. In some cases, more than one scenario may occur simultaneously and the department will be encouraged to consider all potential responses when multiple scenarios occur.

#### Scenario A – Situations that arise as a result of regular Manitoba Infrastructure operations

Manitoba Infrastructure undertakes a variety of activities on any given day related to construction and maintenance that may impact, or be impacted by, AT considerations. A few examples of Manitoba Infrastructure operations that may be impacted by AT include:

- a construction project that may create conflicts with existing AT facilities or may increase barriers to AT
- design decisions will depend on a variety of conditions, including AT use
- in a variety maintenance activities, AT considerations will differ depending on season, location, and other considerations

#### Scenario B – Situations that arise as a result of a location

High speed / high volume highways or narrow bridges / structures are not suitable for AT use. However, these may be the only practical route to connect existing AT facilities or are located within proximity to urban areas.

#### Scenario C – Situations that arise via consultations with local governments and/or trail organizations

Trail organizations or municipalities must apply to the department for permits to use highway protection areas or highway rights-of-way in order to construct AT facilities.

Municipalities may wish to add cycling facilities or upgrade pedestrian facilities along highways that traverse through urban areas (e.g., a provincial highway that functions as a local street in some towns/villages).

The policy, when complete, will guide Manitoba Infrastructure staff to implement a consistent response when confronted with a situation that corresponds with one or more of these scenarios. The policy response will consider a range of practices within design, construction, operation, maintenance, funding, liability, and stewardship. It is hoped that by following this simple three-step process, Manitoba Infrastructure will be able to make consistent AT-related decisions everyday while focusing resources in those locations with the highest AT demands.

## FINAL THOUGHTS

Our policy development journey was a winding road with a lot of speed bumps, sharp turns, and even a few collisions along the way. And our journey has just begun. The role of provincial highways departments in active transportation is

evolving across Canada. Each jurisdiction faces a different set of risks and local contexts that make public policy development a complex task. The one common thread for all is the importance of ensuring public safety.

It is important that policies and tools for AT decision-making are developed in collaboration with operational field staff. The "boots on the ground" are directly impacted by AT uses and they will be the first to determine the success or failure of a decision.

Going forward, the Transportation Systems Planning and Development branch will turn our focus to developing tools for cyclists and pedestrians. After all, the public has an important role to play in ensuring their own safety by seeking out the necessary information to make their own good planning decisions. We hope to have something for everyone to enjoy this summer!



A cyclist on Provincial Road 391, a northern highway in Thompson, Manitoba.

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# The Banff Legacy Trail

BY LIZ BAKER AND SANDY CUMMINGS  
PARKS CANADA

## When was the Legacy trail built?

The Banff Legacy Trail was built in honour of Banff National Park's 125th Anniversary in 2010. The trail is a testament to and celebration of the values of the national park, encouraging visitors and Bow Valley residents to explore the landscape in an environmentally friendly way.

The trail connects the Bow Valley Parkway with the Town of Banff via Vermilion Lakes Road and links the Town of Banff with Canmore through an additional 4.5 km of pathway outside the Banff National Park boundary, from the Banff Park East Gate to the Travel Alberta Visitor Information Centre. The entire trail is collectively referred to as the **Rocky Mountain Legacy Trail** – a distance of 26.8 km with a 30 m elevation gain and an estimated timeline of 2–3 hour round trip for cyclists.

Although it was initially a Banff National Park Project, the Town of Banff, Province of Alberta, and the Town of Canmore all contributed to various connections, which is a great part of the success of the trail system. It connects people to the trail and communities.

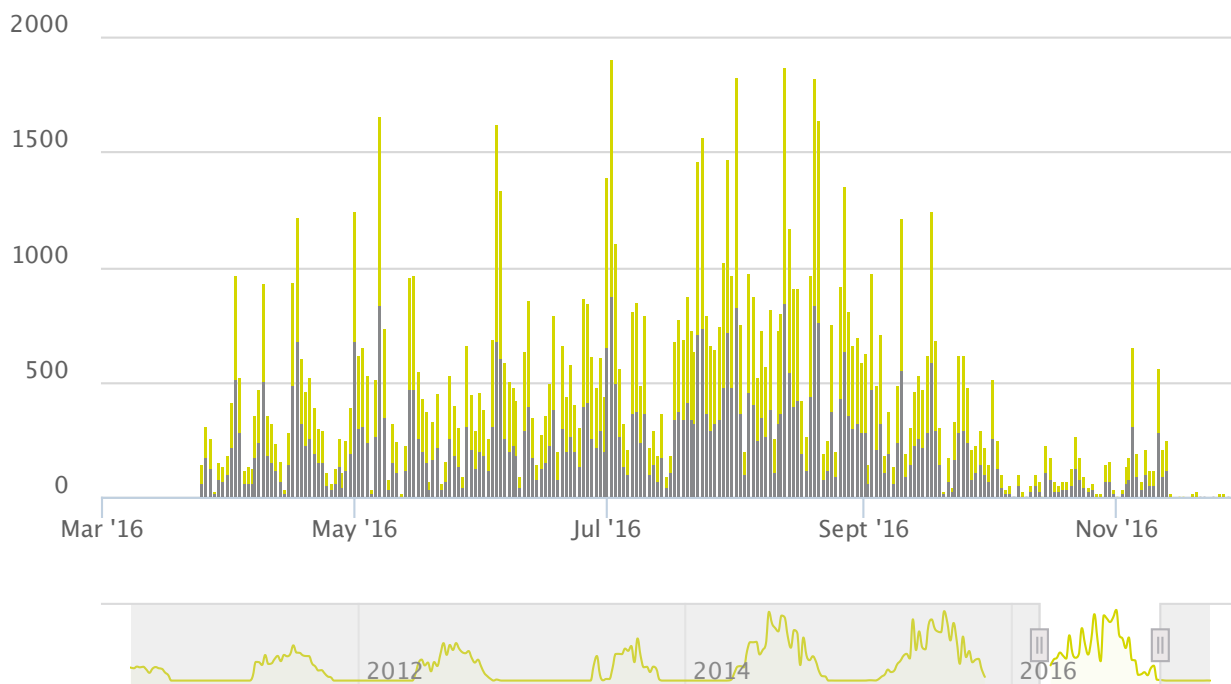
## What can people do along the Legacy Trail?

The Banff Legacy Trail is well suited to cycling, running, and roller skiing and offers:

- 22.3 km of paved pathway and parkway from the Bow Valley Parkway to the Banff Park East Gate
  - › The trail extends an additional 4.5 km from the Banff Park East Gate to the Travel Alberta Visitor Information Centre in Canmore
- A multi-use recreational pathway accessible mid-April to mid-October (weather permitting)
- Multiple rest spots and picnic areas along the way
- Informative interpretive panels
- Links to other trail networks

Legacy Trail users are diverse in age and background. Anecdotally, it is not uncommon to find kids, parents, and grandparents on the trail. Regional visitors often bring bikes and bike rentals in Banff and Canmore make the trail popular with visitors from farther away.

Daily Legacy Trail Counts (Canmore Eco-Totem) - March to November 2016

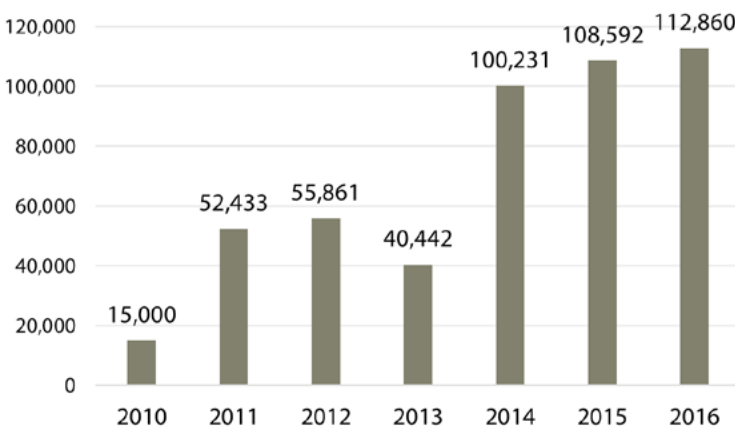


# Banff Legacy Trail



CREDIT: CORY HUCHKOWSKI / PHOTOHUCH.COM

Annual Legacy Trail Counts (Canmore Eco-Totem)



## How many people use the Legacy trail every year?

In 2016, there were 112,860 counts at the Canmore Eco-Totem. Busy weekend days top out at almost 2000 counts per day. Use typically occurs while the trail is snow free, between April and October. In 2016, mild weather inspired steady use until mid-November.

See charts and table to the left for more detail.

## What is the primary reason people use for riding on the Legacy Trail? Recreational users? Commuter traffic?

Though this has not been formally evaluated, based on the timing of users, we believe the majority of trail users are recreationally motivated visitors and locals.

## How does the Legacy Trail impact the communities in the Bow Valley?

The integration of the Banff Legacy Trail into the municipal trail network and transit system provides environmental, economic, and social benefits for both Canmore and Banff by giving residents and tourists a variety of travel options between the two communities.

Canmore Eco-Totem Trailhead Eco-Counter Traffic Counts from Aug 2010 to Dec 2016			
	Weekday	Weekly	Monthly
Average Traffic	163	1,411	6,387
Maximum Traffic	2,107 <i>Sept 12, 2015</i>	7,083 <i>Week of Jun 30, 2014</i>	25,534 <i>August 2016</i>
Total counts from August 2010 to December 2016: 485,419			

*Continued on page 24...*

According to Transport Canada's urban transportation emissions calculator, each vehicle round trip that is eliminated between Canmore and Banff prevents 12.6 kg of greenhouse gas pollution.

The scenery and gentle grades of the Legacy Trail, combined with its connectivity with towns and picnic areas, make the Legacy Trail a "top ten" activity for visitors to the area and is thought to draw visitors specifically to ride the trail.

## What are some of the interesting design features?

The trail design took every opportunity to utilize existing features, viewpoints, vistas, connections, and facility infrastructure. It looked at ways to connect existing facilities and infrastructure in support of visitor needs and to create a variety of experiences along the way. Connection to the Minnewanka loop and the Vermilion Lakes Road to the Bow Valley Parkway are but two of those unique opportunities to connect visitors to additional opportunities and experiences. Ensuring parking and washroom facilities dot the length of the trail is another important design consideration.

## NOTABLE DESIGN FEATURES

- The Banff Legacy Trail was one of the first projects to incorporate electrified mats to control wildlife access through a transportation corridor with Parks Canada.
- The project utilised recycled materials for subsurface material for certain portions of the trail. Pulverised concrete was acquired from a local school that was demolished.
- The project incorporated a robust sub-grade to allow reduced asphalt thickness and lack of long term maintenance dollars. Depending on the ground we encountered, the depth of the sub-grade is up to 600 mm in depth in some locations.
- Regardless that the trail is for bikes, it is designed to sustain heavy equipment with minimal impact to the asphalt.
- The visual experience while riding the trail provides a much more breath taking experience that is not encountered while driving the adjacent highway.

Electric mats for gate system at the Banff Ave connection to the Banff townsite



3.0 to 3.5 m wide paved trail and subsurface construction is an additional 1.0 m wide



PHOTOS ON PAGES 24 AND 25 COURTESY OF PARKS CANADA UNLESS OTHERWISE NOTED



# Banff Legacy Trail

## Design Specifications

Lighting	Due to remote location and lack of power, the reflective signage and line painting were utilised for night riding. Most night users use headlamps to ride the trail at night.
Speed	The terrain dictates the speed.
Geometry	Trails are generally ground hugging, field fit, and dictated by terrain and vistas.
Signage considerations	Trail features pedestrian level wayfinding destinations and facilities. Orientation signage was installed at the main entrance areas to the trail.
Wildlife	The trail transverses five wildlife crossing structures. Wood fencing was employed to create a screen where the trail traversed over a wildlife corridor. This was done in order to protect the integrity of the wildlife underpass. Electric mats were installed at open gated locations where the users travels from inside to outside the wildlife fence.

*Bike bridge over wildlife corridor*



*Wildlife jumpout*



*Cascade ponds connection to the Minnewanka loop*



*Vermilion Lakes Road Connector to the Bow Valley Parkway*

## ANGELA GIBSON MCIP, RPP



### Current employment

Director of Corporate Policy & Strategic Initiatives,  
Regional Municipality of Durham

### Education

- Masters of Science in Planning, University of Toronto, 2003
- BA in International Studies, Washington College, Maryland, USA, 1997

### First job in transportation engineering

Transportation Planner for LEA Consulting

### Current city of residence

Pickering, ON

### When did you join CITE?

2006

### What positions have you taken on as a member of ITE?

I have been with the Toronto Section for 7 years and I have had every role from activities coordinator to President.

### Family

Married to Robert for almost 19 years. We have two children (Jada 16 and Joseph 12)

### Personal hobbies

Traveling to see my favourite bands: Switchfoot, Rend Collective and Planetshakers

## CITE INVOLVEMENT

### When did you first attend a CITE event?

My first CITE event that I remember attending was the 2007 Toronto Conference. This conference really raised my expectations with respect to the importance of having meetings that draw transportation professionals from across the country and internationally. I remember that this conference was a wonderful networking opportunity for me. I had just moved from consulting to the public sector and it was important for me to connect with both my municipal colleagues in terms of learning best practices and with consultants.

### What is your CITE involvement (past and present)?

I was introduced to CITE through one of my colleagues at LEA Consulting (Julia Salvini) and I began my involvement through working with the Toronto Section. I participated with this organization because the Toronto Section provided relevant topics and workshops and CITE

embraced all professionals in transportation including transportation planning professionals such as myself. My most recent position in the organization was serving as President of the Toronto Section. Toronto is one of the largest sections in CITE and our challenge is ensuring that we provide services to all our members including those as far as the City of Barrie. As President, one of my goals was to extend our reach out to members that are outside the core Toronto area. One of most proud achievements as President was partnering with the US Federal Highway Administration (FHWA) and introducing the innovative intersection and interchange workshop to our members last year.

### What do you value most about your CITE membership?

CITE is an important organization because it gives all transportation professionals a place that represents them. This is an organization of engineers, planners, technologists, and transportation geeks in general.

## PROFESSIONAL EXPERIENCE/ACHIEVEMENTS

How would you describe your job to someone you just met at a party?

I describe my job as an internal consultant within the public sector. I try to avoid the terms "transportation" and "traffic" because at parties you tend to hear all the things we are not doing and then spend the entire party defending every public sector transportation agency policy from the beginning of time.

What is one aspect of your work that you particularly enjoy?

I enjoy the diversity of my position, where I am able to influence development, capital projects, and the development of our urban growth centres. Transportation significance to city development is largely recognized by our decision makers and the public, so I have seen over my career in transportation that we are included in all aspects of land use, social and environmental planning. In addition, topics that are traditionally transportation and engineering specific are becoming more mainstream, such as disruption in mobility and advances in autonomous, electric and connected vehicles.

What are one or two projects that you're most proud to have worked on?

Last year, York Region Council approved its new Transportation Master Plan. Our team used an inclusive engagement process to ensure that the recommendations of the plan would support the Region's existing transit investments. The other project that I am proud of is the work that we have done in recognizing that our transportation projects need to be context sensitive. Building on our previous work, the Designing Great Streets guidelines developed six road typologies to respond to various contexts within the Region.

During your career to date, have you pursued any professional designations through ITE (such as PTOE)?

I haven't pursued any professional designations because as I progress in my career my roles have become less technical and more collaborative.

Please describe what attracted you to the transportation profession?

I have always had this weird fascination with transportation infrastructure and the modern beauty that it contains. Growing up in the UK where our primary mode

of transportation was always public transit was another reason that drew me to this field. I believe that our success as a region lies in our ability to fully embrace the benefits of public transit. Working in suburban municipalities whether it was for the Town of Ajax or York Region has allowed me to help transform the transportation paradigm.

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

This is a profession of diversity and it is a sector that keeps growing. Transportation engineering or planning is a transformative sector that is central to sustainable urban development. We are at the threshold of massive change in our sector and joining in transportation will mean a contribution to the development of innovative technologies such as autonomous vehicles and the sharing economy.

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

I hope to make an overall impact to the community by leveraging my influence to help others. More than 10 years ago, I established a scholarship at the University of Toronto to help visible minorities enter into the planning profession. At the end of my career I would like to see greater diversity in our profession both in the private and public sectors. I hope that I will be known as an effective change agent and mentor to those who are entering this profession.

What is the single greatest satisfaction you take from your job as a transportation professional?

What brings satisfaction is that I am in a career that requires critical thinking every day and I am always presented with new challenges.

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

How can I fix the timing of traffic signals?

## GETTING TO KNOW YOU

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

I think I would like to be a life coach.

What is the most daring thing you've done?

Taking a flying lesson

*Continued on page 28...*

# member highlight

What is the last book that you read or are currently reading?  
*Born a Crime* by Trevor Noah

Have you ever met anyone you consider famous?

I met and got an opportunity to question Colin Powell while I was at university in the US. Anyone who knows me wouldn't be surprised that I was the first person to ask him a question after he spoke to our school.

## INTERESTS & PERSPECTIVES

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

In terms of my career, my mentor and friend John Farrow has been a strong influence. He is one of my loudest cheerleaders. I believe everyone should have a mentor who they trust and who has their back. In my life, my husband, Robert is totally awesome and his partnership has made my progression in my career easy.

If you could change one thing about the practice of transportation engineering, what would it be?

Transportation engineering and the profession needs to be more equal for women. I feel that many of us have to choose to forfeit advancements if we want to have a family.

What is the greatest opportunity you see for the field?

Technology – and how we can use technology to create efficiencies, not only in vehicles but in all aspects of transportation.

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## TLC Welcomes Two New Members

The Technical Liaison Committee (TLC) issued a call for new members back in the fall of 2016 and we received submissions from seven candidates. The number and quality of submissions are good indicators of the strengths we have within our membership. I am pleased to advise that **Paula Sawicki** and **Mariya Otten-Andrew** have accepted offers to join the TLC.

Paula is a Professional Engineer with a career spanning over 21 years in the public and private sectors focused on transportation administration, finance, operations, and planning. Her career has included leading many major initiatives in the private and public sectors directly related to the planning, design, and development of transportation-related operations and infrastructure and policy. Her experience includes progressive responsibilities in transit planning, transportation engineering, and business ownership. Paula is the Manager of Strategic Transportation Planning at the Region of Waterloo, currently on temporary assignment to the Kitchener-Waterloo LRT project.

Mariya is a Professional Engineer and certified Professional Traffic Operations Engineer with over 19 years of experience in the field of traffic and transportation engineering. Her experience spans Canada, Australia, United Kingdom, and the Republic of Ireland. Throughout her career, she has been involved in transportation planning for small and large communities, intersection design from concept and capacity analysis through functional planning and detailed design, and road safety. As an experienced Road Safety Auditor, she considers road user safety through all aspects and phases of the design process. Mariya has public and private sector experience and extensive knowledge of traffic and transport engineering guidelines, policies, and practice. Mariya is the Transportation Planning Manager with WSP Canada in Calgary.

Thank you to all who applied! Please join me in welcoming Paula and Mariya to the TLC.

Best regards,

**DWAYNE CROSS**  
Chair, Technical Liaison Committee

## CITE's New Training Committee Seeks Members



A new CITE committee has been formed to increase the awareness and availability of training opportunities for Canadian transportation professionals by overseeing the development and delivery of training initiatives. The Training Committee is comprised of CITE members who are responsible for prioritizing, selecting, and organizing training opportunities for transportation professionals across Canada. The Training Committee is the liaison between the CITE membership, the CITE Executive and Board of Directors, the CITE Technical Liaison Committee, and partner organizations for training. Since the Training Committee is primarily a coordinating body tasked with providing opportunities for training to CITE members, it typically does not get involved with the development of specific training materials or delivery of the actual training sessions. Individual members of the Training Committee

can be involved in the preparation of materials and delivery of the training sessions as appropriate. We just started at the end of 2016 and are looking forward to serving the needs of the CITE community.

We have team members from Ontario and Alberta but are **looking for committee members from other areas in Canada to help bring a national perspective to the team.** If you are interested in joining our committee, please send a letter of interest, a resume, and a letter indicating support from your employer to [training\\_committee@cite7.org](mailto:training_committee@cite7.org).

More information, including the Committee's terms of reference, is available at [cite7.org/research-training/training](http://cite7.org/research-training/training).



## STUDENT EVENTS SWEEPSTAKES WINNERS!

With over 200 entries, the sweepstakes saw many student events, including industry nights and job fairs, student competitions, professional presentations, and site tours.

### ANNOUNCING THE WINNERS!

We're happy to announce the winners of free registration to the Joint ITE/CITE 2017 Annual Meeting and Exhibit in Toronto are:

- **Jeffery Derkach**, University of British Columbia Okanagan
- **Zarah Feroz**, University of British Columbia Okanagan
- **Dan Szara**, University of Manitoba
- **Amer Al-Merabi (EIT)**, Jensen Hughes

**THANK YOU VERY MUCH TO ALL PARTICIPANTS!**



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To stay up-to-date on the latest **LeadershipITE** activities send a note to [leadership@ite.org](mailto:leadership@ite.org). For more information and to apply to **LeadershipITE**, visit [www.ite.org/Leadership](http://www.ite.org/Leadership).

Application deadline for the class of 2018 is September 15, 2017.



Martin Gugel, P.E., PTOE

Assistant Director of Public Works  
City of Springfield, Missouri

"As a public sector leader, my main job is to create an environment where others can excel, and to ensure that dialog between the City and its citizens and development community is productive. The skills I learned in LeadershipITE have helped me to better understand my strengths and weaknesses, which has allowed me to perform that job at a higher level."



Grace Van Kirk, TSOS

Project Manager,  
Sam Schwartz Engineering

"My participation in LeadershipITE fortunately came at a time when I started to take on more responsibility. The skills I developed through the training, combined with the wisdom and experience of the new set of peers I met from all over the country, helped ease me into my new position and adjust with a confidence I would not have otherwise had."



Tra Vu, Ph.D., P.E.

Technical Director,  
Greenman-Pederson, Inc.

"To emerge as a better person, a valued leader; to address issues at the forefront of the transportation field; and to be a member of a close-knit family - that's my LeadershipITE experience."



Adam Allen, P.E., PTOE.

Department Manager, Traffic  
Engineering & ITS,  
Maser Consulting P.A.

"LeadershipITE not only took my leadership skills to the next level but also opened the door to a network of some of the most intelligent, motivated, and creative people I have ever met. I am confident that this program cultivates the future of our transportation profession and I am proud and humbled to say I am an alumnus."



## emerging members in CITE

**excite** is a new initiative formed to help you get involved in CITE and develop in your profession. **excite** is for emerging members: whether you are a student or recent grad, early in your career or just getting involved in CITE this is the place for you to:

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- LinkedIn Group
- Job Opportunities
- Conference Events
- Volunteer Opportunities
- Technical Projects
- Essay Competitions
- Knowledge Sharing Team
- Professional Network
- Resources



Listen in, participate and contribute to our **excite** conference call on the third Tuesday of each month at noon EST. Send us an e-mail at [excite@cite7.org](mailto:excite@cite7.org) for a quick debrief and login details.

Interested in joining? Visit us at [www.cite7.org/excite/sign-up](http://www.cite7.org/excite/sign-up). By joining **excite**, you connect to a central resource to help find your place within CITE and the transportation profession.



# congratulations & welcome

*CITE extends a warm welcome to all new Canadian District ITE members who recently joined us!*

**Abena Addo**, AECOM, Ottawa, ON

**John Babineau**, P.Eng., BC Ministry of Transportation, Victoria, BC

**Jeff Baird**, P.Eng., LEED AP, The City of Calgary, Calgary, AB

**Evgeni Belau**, Edmonton, AB

**Kimberly Bobinec**, Urban Systems Ltd., Calgary, AB

**Andrea Broeders**, P.Eng., B.A., The City of Calgary, Calgary, AB

**Brigid M. Canil**, P.Eng., BC Ministry of Transportation, Burnaby, BC

**Colin Chapman**, P. Eng., The City of Calgary, Calgary, AB

**Landy L. Cheung**, City of Toronto, Toronto, ON

**Duane Michael Delaney**, P.Eng., PMP, The City of Calgary, Calgary, AB

**Karamjeet Deogan**, P.Eng., BC Ministry of Transportation, Victoria, BC

**Michael Dowdall**, C.E.T., The Municipal Infrastructure Group Ltd., Vaughan, ON

**Eric Alden Dyson**, MPE Engineering Ltd., Lethbridge, AB

**Jason Eggen**, P.Tech.(Eng.), Strathcona County, Sherwood Park, AB

**Mohamed Elesaway**, P.Eng., BC Ministry of Transportation, Victoria, BC

**Madeleine Ferguson**, C.F. Crozier & Associates Inc., Collingwood, ON

**Annalisa Fipke**, P.Eng., City of Nanaimo, Nanaimo, BC

**Kimberly Fisher**, MAEEC, The City of Calgary, Calgary, AB

**Brian Gaas**, The City of Calgary, Calgary, AB

**Morgan Glasgow**, City of Winnipeg, Winnipeg, MB

**Katherine Glowacz**, The City of Calgary, Calgary, AB

**Jennifer Hardy**, P.Eng., BC Ministry of Transportation, Victoria, BC

**Sher Horvath**, BC Ministry of Transportation, Kamloops, BC

**Kyle Hucik**, P.Eng., PMP, The City of Calgary, Calgary, AB

**Kyle Hurson**, Markham, ON

**Grant Irvine**, P.Eng., BC Ministry of Transportation, Victoria, BC

**Bill Johal**, City of Richmond, Richmond, BC

**Michael Krahn**, P.Eng., PMP, The City of Calgary, Calgary, AB

**Asif Kurji**, RPP, MCIP, The City of Calgary, Calgary, AB

**Brian Lee Kim Gnok**, E.I.T., The City of Calgary, Calgary, AB

**Henry Lew**, P.Eng., BC Ministry of Transportation, Victoria, BC

**Nikhil Lobo**, PhD, The City of Calgary, Calgary, AB

**Aaron Lockwood**, Carmanah Technologies Corp., Victoria, BC

**Mark Louttit**, P.Eng., BC Ministry of Transportation, Victoria, BC

**James Luo**, P.Eng., BC Ministry of Transportation, Victoria, BC

**Naasir Malik**, P.Eng., BC Ministry of Transportation, Victoria, BC

**Nini J. Nytepchuk**, EIT, Manitoba Infrastructure, Winnipeg, MB

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**Peter Richards**, Toronto, ON

**Sharon Schajnoha**, P.Eng., RWDI, Guelph, ON

**Daniel Shihundu**, Transoft Solutions Inc, Richmond, BC

**Katarina Stevovic**, District of West Vancouver, West Vancouver, BC

**Daniel Suh**, MMM Group Limited, Winnipeg, MB

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**Khurram Tunio**, Town of Bradford West Gwillimbury, Bradford, ON

**Sigmund Undheim**, P. Eng., MBA, The City of Calgary, Calgary, AB

**Bert Van Mook**, BC Ministry of Transportation, Victoria, BC

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**Katherine Whitfield**, Alta Planning + Design, Ottawa, ON

**Marcus Ching Yue Wong**, MMM Group Limited, Winnipeg, MB

**William Zhang**, P.Eng., BC Ministry of Transportation, Victoria, BC

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Find news and events from across the country on our website:

[cite7.org](https://cite7.org)

## GREATER VANCOUVER SECTION

The Greater Vancouver Section of ITE has had an active spring of 2017 with two events to start the year.

The first event of the year was the annual Student Industry Night, hosted on February 7th by the University of British Columbia's ITE Student Chapter. The event took place at the Engineering Student Centre and was well attended by both students and industry professionals. The event provided a great opportunity for students to network with professionals and for companies to promote transportation engineering and showcase their areas of expertise.

The second event of the year was a lunch meeting held on March 1st. Floris van Weelderren from MMM Group provided insights into current practices for completing cycling safety



*Left: Student Industry Night held by UBC student chapter*

*Right: Brendan Stevenson (Section President) with presenter Floris van Weelderren of WSP/MMM Group*

## SOUTHERN ALBERTA SECTION

The Southern Alberta Section (ITE SA) has been busy this winter with several fantastic luncheons, including a presentation by Mac Logan, City of Calgary General Manager of Transportation, which had over 90 attendees.

We also recently conducted our Annual General Meeting and elections and are happy to announce that all incumbent nominees moved on to their new roles with Irini Akhnoukh taking over the role of President from Cory

Wilson, who transitions to Past President. Meera Kopp is the new Vice President while Dale Lynch maintains his role as Secretary for another year. Monique Castonguay becomes the new Treasurer and Zoran Carkic joins the executive as the new Publicity Coordinator.

*Left: Southern Alberta section luncheon*

*Right: The new Southern Alberta executive is sworn in*



## MANITOBA SECTION

The Manitoba Section started out the year with new positions for our Executive Members. Everyone is settling into their new roles and it is always interesting to see things from a different perspective. Our January luncheon saw Donovan Toews give a very engaging presentation entitled, "Let's Be Honest: Is Stakeholder Input ACTUALLY Valuable for Infrastructure Projects?" Donovan is a principal of Landmark Planning in Winnipeg, has 17 years of experience in the planning field, and has an established reputation as a leader in effective public engagement practices. A very interesting and candid discussion followed Donovan's presentation.

For our February luncheon, we moved from our usual location and held a joint luncheon with the University of Manitoba Student Chapter at the U of M Engineering Building. CITE President (and U of M alumnus) Jen Malzer joined us to discuss some upcoming news related to CITE and also gave an interesting presentation on Calgary's Pedestrian Strategy.

*Below: CITE President Jen Malzer at a joint U of M Student Chapter and Manitoba Section Luncheon in February*

*Right: Jonathon Foord of the City of Winnipeg Transportation Management Centre*

In March, the Manitoba Section held another off-site luncheon with an exclusive tour of Winnipeg's newly operational Traffic Management Centre. Jonathon Foord and Michael Cantor of the City of Winnipeg provided a very impressive tour and presentation. We were lucky enough to be one of the first groups offered this exciting opportunity!



## HAMILTON SECTION



*Manoj Dilwaria, Hamilton Section President with Dr. David Mowat*

On February 22, 2017, the Hamilton section hosted an interesting luncheon session titled "Active Transportation as Disease Prevention". The session was presented by Dr. David Mowat, who is the Senior Scientific Lead, Prevention at the Canadian Partnership Against Cancer and previously served as Medical Officer of Health in Kingston and in the Peel Region. The presentation highlighted that our health is largely determined not by the healthcare system, but by how - and where - we live. It also examined how changes in patterns of physical activity are related to trends in common chronic diseases, how efforts to increase physical activity have fallen flat, and how providing environments which support active transportation can have a transformative effect. The presentation was attended not only by the transportation professionals and students but also from active transportation enthusiasts and public health professionals.

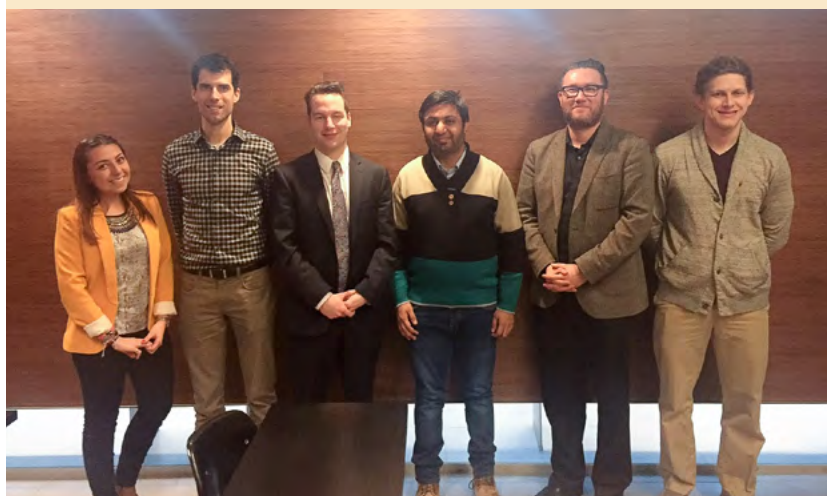
## TORONTO SECTION

On Thursday, March 2nd, the ITE Toronto Section co-hosted the 9th Annual Joint Student Presentation Competition along with the Hamilton and Southwestern Ontario sections. This year's competition took place at McMaster University. Congratulations to Wade Genders from McMaster University on his victory in the graduate category for his presentation on Intelligent Traffic Signal Controller, and to Mackenzie de Carle on his victory in the undergraduate category for his presentation on Greenhouse Gas Emissions in the Transportation Industry. Congratulations also to Umair Durrani (University of Windsor), Maria Espinosa (Ryerson University), Derek Napoli (Mohawk College) and Anastasia Soukhov (McMaster University) for their participation in the competition. Special thanks to Maged Elmadhoon, Nabil Ghariani, Julia Salvini and Farhad Shahla for judging the competition, and to Jason Dahl and Maged Elmadhoon

for assisting with the shortlisting of abstracts. Another special thanks to CIMA+, LEA Consulting Limited and Paradigm Transportation Solutions Limited for their participation in the career fair that took place prior to the presentation competition. A particular thanks to the McMaster University ITE Student Chapter for hosting both the career fair and student presentation competition.

On Tuesday, March 14th, the ITE Toronto Section kicked off its new year of events with a Breakfast Session on the City of Toronto's recently released Complete Streets Guidelines. Fiona Chapman, Manager of the City's Pedestrian Projects Unit, provided an excellent overview of the development process of the Guidelines, the Guideline contents and checklists, and next steps.

*Sean Nix  
ITE Toronto Section President*



*Left: Student presentation participants (L-R) Maria Espinosa (Ryerson), Derek Napoli (Mohawk), Mackenzie de Carle (U of T), Umair Durrani (U of Windsor), Sean Nix, Wade Genders (McMaster). Absent: Anastasia Soukhov (McMaster).*

*Right: Sean Nix providing an update of future ITE Toronto Section events following the conclusion of the Complete Streets Guidelines Breakfast Session*



## UNIVERSITY OF ALBERTA

Our ITE University of Alberta Student Chapter (ITEUA) has been busy this winter. We began the year with different guest speakers, including a guest seminar provided by Bill van der Meer from Alberta Transportation who gave us a glimpse behind-the-scenes on the completion of the Anthony Henday highway project. Dr. Manish Shirgaokar, who specializes in transportation planning and policy, demonstrated to us in his study of seniors and transportation network companies how to combine qualitative and quantitative analysis.

Our major section event included our annual Student-Industry Mixer, which we hosted with the help of the Northern Alberta CITE (NACITE) chapter. We had industry sponsored participants from nine different organizations, with representatives from each organization who took the time to come chat with students about their jobs and the

transportation field. It was a successful event with over fifty undergrads in attendance and over thirty industry members. We also took the time at our mixer to kickstart our mentorship program by recruiting industry mentors and student mentees. The mentorship program is a flexible program where each mentor-mentee pair decide on what skills or experiences they would like to learn or share and set up their own schedules. As well, we had a field trip to tour the Alberta Traffic Supply (ATS) facility, which is responsibly for supplying Alberta's infrastructure with traffic signs, loop detectors, and more. Lastly, we are looking forward to sending a Traffic Bowl student team to the CITE/ITE Joint Conference in Toronto for a shot at glory...



# student chapter news

## UNIVERSITY OF MANITOBA

The winter term has featured a variety of technical presentations and tours, as well as social events, with plans for community involvement coming soon. Our year has been great so far, and we're looking forward to what's to come!

At the end of 2016, our student chapter hosted its annual Holiday Party, attended by both student chapter members and professionals. The party had a good turnout of attendees and with great food, great music, and great company, everyone seemed to enjoy themselves.

In early January, five student chapter members traveled to Washington, DC, for the Transportation Research Board Annual Meeting. While learning about hot transportation related topics, the students also attended the ITE reception held at ITE Headquarters, as well as a reception held by University of Massachusetts Transportation Centre (UMTC).

Once our term started up again in mid January, our student chapter got back into its normal schedule, hosting two guest lecturers. First, Dr. Orly Linovski, a professor in the Department of City Planning here at the University of Manitoba, gave a presentation on how transportation and the built form are interrelated, including how to design for accessibility and the social impacts of transportation projects.

Following this, our student chapter held a luncheon in coordination with the Manitoba Section hosting current CITE President (and University of Manitoba graduate) Jen Malzer. Jen gave us an update on current CITE happenings, and presented her work with active transportation projects in Calgary, including the public engagement involved with these projects. Both presentations were captivating and informative, and we would like to thank both Orly and Jen for taking the time to speak to our student chapter!

Over February, our student chapter was fortunate enough to take our annual reading week technical trip. This year, we travelled to Portland, OR, to learn more about their transportation system. Prior to our trip, the students travelling planned a room escape social event to get to know each other a little better.

On our first day, we met with Peter Koonce at the Portland Bureau of Transportation (PBOT), who showed us their operations facilities. Here, we were given the run down on how city engineers mitigate the effects of collisions,



*Above left: CITE President Jen Malzer with Chapter President Auja Ominski.*

*Above right: Luncheon presenter Dr. Orly Linovski with Chapter President Auja Ominski.*

*Right top: Bob Hastings (in yellow) of TriMet gives the UofM Student Chapter a tour in Portland*

*Right bottom: Chapter members Caleb Olfert, Jared Vanderwees, and Alessandro Augellone tour Tilikum Crossing, a bridge designed for public transit, active transportation, and emergency vehicles, but not personal vehicles*



respond to emergencies, and fine-tune transit operations. Our second tour was with Bob Hastings from TriMet. Bob gave us a tour of the newest LRT line in Portland, the Orange Line, where he took us on the tram and stopped at various locations to discuss various aspects of the project. We travelled to the end of the line, which terminates in the city of Milwaukie, where we alighted to discuss the Park and Ride facility that exists adjacent to the stop.

On our second day, Adam Moore and Paul Zebell took us on a tour of the Tilikum Crossing, which is the first US bridge in recent history to be designed for public transit, active transportation, and emergency vehicles, but not personal vehicles. The two discussed the signal operations at each end of the bridge. At these locations, various modes of transportation merge, including personal vehicles, public transit (including streetcars, light rail, and buses), and active transportation. Evidently, the signal timing can get quite complex at such an intersection, so it

was interesting to learn about how this issue was addressed. Our fourth and final tour took place the morning of our third day, where we received a bike tour of cycling facilities from the Portland State University ITE Student Chapter Vice President David Soto. David took us through various parts of the city on bike to show us the variety of cycling infrastructure, including painted bike lanes, bridge crossings, and even a bike roundabout! Our tour concluded by parking our bikes at the nearest bikeshare station and taking the aerial tram for a beautiful view of Portland. A special thank you goes out to all those who took our group for various tours.

Our student chapter has been busy for the last couple of months and we are looking forward to our upcoming activities, including continuing our middle school education program and a potential tour of Winnipeg's new Transportation Management Centre!

*Chapter Members on a Portland, Oregon Bike Tour with David Soto Padin from Portland State University*



# student chapter news

## MOHAWK COLLEGE

I am happy to report that, despite a recent turnover of members due to students completing their program of study this past December, the Mohawk College Student Chapter is boasting nearly 30 members. A number of students have joined within the last month after becoming aware of the various student activities and awards that are being facilitated by ITE. I hope to encourage more students to join over the course of this year.

In my joint role as Faculty Advisor for the Mohawk College Student Chapter and the Student Liaison on the ITE Hamilton Section, I am working with the local section to ensure that they can plan events during dates and times when students from both Mohawk College and McMaster University do not have conflicts. On Wednesday, February 22nd, 2017, we had a good mix of students and faculty attend the ITE Hamilton Section Luncheon, featuring an

excellent presentation from Dr. David Mowat on Active Transportation as Disease Prevention.

Over the next few months, the Student Chapter will be working on some fundraising activities in order to send a third-ever team of students from Mohawk College to the CITE Collegiate Traffic Bowl. As this year's competition will be taking place in nearby Toronto, we want to guarantee a presence and represent the college stream of students here in Ontario. More news to follow in the next issue of Transportation Talk.

*Sean Nix  
Faculty Advisor*

*Mohawk College ITE Student Chapter Members at the ITE Hamilton Section Luncheon. L-R: Dan Havercroft, Padma Priya Prabha Haridas, Sean Nix, Ivan Drewnitski, Sebastian Biernat, and Craig Sherwood.*





## RYERSON UNIVERSITY

### What We've Done So Far

We began our 2017 by attending the Green Cities Breakfast where we got to learn more about new projects in the city.

In the month of February, we hosted two events. First, we had a VISSIM training session for graduate students from Ryerson and UofT, which has hosted by Mr. Nabil Ghariani, member of CITE. The second event was an informal drop-in information session on graduate studies for undergraduate students of Civil Engineering and Urban Planning. The event gave the opportunity for undergraduate students to mingle and chat with current masters students.

Finally, RITE attended the 9th Annual Joint ITE Section Student Presentation Competition hosted by McMaster University, where our RITE member, Maria Espinosa, placed second in the graduate category.

### What's To Come

Over the next couple months, RITE will be planning an ArcGIS training session for undergraduate students of Civil Engineering and Urban Planning, which will be hosted by one of our own RITE members. Additionally, we would like to end the academic year with a field trip to a transportation related facility for all our RITE transportation enthusiasts.



*Left: RITE executives at the Green Cities 2017 Breakfast. L-R: Shahzad Mir, Arif Alam, Sal Kabir and Holly Hudyma).. Middle: Nabil Ghariani hosting our VISSIM training session. Right: Graduate students at the VISSIM training session*

## UNIVERSITY OF NEW BRUNSWICK

UNB's CITE Chapter kicked off the second semester with our first transportation themed "Movie Night". We hosted "Flight" starring Denzel Washington and provided popcorn and candy. It was a great night enjoyed by all.

We took a field trip at the end of March to our local sign shop here in Fredericton to introduce the students to how traffic signs are made! We're excited about finishing this semester strong and we're looking forward to the CITE UNB Chapter in 2018.



*UNB Student Chapter members at the chapter's first transportation themed movie night*



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