



Left Turn Calming

Improving safety for vulnerable road users

Mobility Hubs

Transforming parking lots



TransportationTalk

ITE Canada Excellence in Transportation Awards & Scholarships

Nominations due March 1

ITE Canada/CARSP 2023 Joint Conference

Registration now open for our June conference in Winnipeg

NEW! Online Training

ROAD SAFETY for Canadian Practitioners

The *Road Safety For Canadian Practitioners* online training program, presented by TAC & ITE Canada, allows you to tailor your learning to your specific professional development needs. Five courses are offered:

- Foundations of Road Safety
- Measuring Safety
- Human Factors and Road Safety
- Solving Safety Problems
- Implementing Road Safety Programs

Comprehensive
& tailored
professional
development

FORMAT

Courses are delivered through TAC's Online Training Centre as self-paced, on-demand modules that include recorded lectures, case studies, exercises, supplemental reading lists & quizzes.

DURATION

Lectures in each course range from 3-6 hours. In total, the five courses offer 24 hours of learning. Modules are accessible for 6 months after payment.

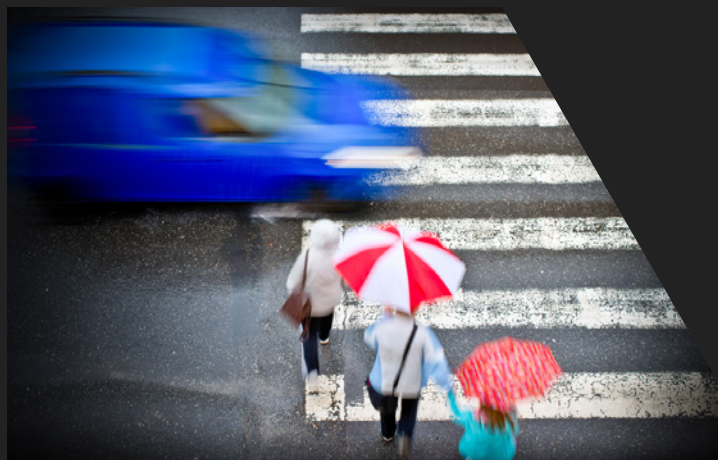
PURCHASE

The five modules can be purchased individually or as discounted bundles. Find complete course details and prices at tac-atc.ca.



More Information:

www.tac-atc.ca/en/events-and-learning/online-training



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**Ryan Vanderputten,
P.Eng., FITE**

President, ITE Canada
president@itecanada.org

2023 marks the second year of my term as President of ITE Canada. While I am only half way through my term, I am proud of the progress that this organization has made over the past year. We remain guided by our [2020-2024 Strategic Plan](#), focusing on our four priority areas: Membership Growth, Membership value and retention, Value of our products and services, and Organizational strength.

Recognizing the collaboration in our industry between planners and engineers, ITE Canada is excited to strengthen the participation of planners in our transportation community. ITE is offering [free membership to planners](#) in 2023, and we will seek ways to increase the relevancy of our professional development opportunities for all of our members. Last year, our Board also established a Student Engagement Task Force, which recommended a number of improvements to both engage our student chapters and to support their ongoing operations. Thank you to everyone who gave time in getting us to this point. Speaking of students, we also welcomed the University of Victoria Student Chapter this past year!

Thanks to the ITE Canada Training Committee, we offered two new training sessions for our community this past fall: *Protected Intersection Design* and *Big Data & Emerging Traffic Technologies*. We will once again be offering in-person training in conjunction with our 2023 Annual Conference in Winnipeg. Furthermore, as part of our partnership with the Transportation Association of Canada (TAC), we launched [Road Safety for Canadian Practitioners](#), a five-course online training program that supports the expansion of road safety knowledge in our industry. Recognizing that many of our provincial licensing bodies are shifting to more formal professional development (PDH) requirements, we have been working to provide formal PDF certificates for our training and conference program. Stay tuned for more information!

The ITE Canada Board continues to reflect on our organizational governance responsibilities and what it means to lead an incorporated not-for-profit corporation. To that end, a number of initiatives have been launched over the past year which truly reflect the increasing maturity of our organization. The Board has initiated a review of our nominations and elections policy and has established a task force to review the governance structure of ITE Canada. This past year, we changed the timing of our financial year-end and rescheduled our Annual General Meeting to better onboard new directors to the board. A huge thank you to those board members who completed their terms on December 31, and welcome to our new board members!

The Board has also approved the [Strategic Communications Implementation Plan](#), which will continue throughout the remainder of this year. Starting last fall, you would have seen the initial action of renaming CITE to ITE Canada. We have recently adopted a new visual brand strategy, which began rolling out these past few weeks. Not only will you see an updated ITE Canada logo, but you will also see a more consistent brand across all of the Canadian ITE Sections, Student Chapters, and committees. We have also retained a website design consultant to update our website, itecanada.org, which should launch late spring 2023!

2023 is already shaping up to see more exciting growth in our organization. The Board has given approval to establish a charitable foundation to support transportation education and research. This new organization will be separate from ITE Canada and will focus on managing a sustainable scholarship and research funding program. The foundation is in its early stages still, but it is on track to begin operations in 2023. We are also proud of our industry relationships, finalizing a renewed partnership with the Transportation Association of Canada (TAC) late last year, and working closely to formalize an extended agreement with the Canadian Urban Transit Association (CUTA). Our [Technical Liaison Committee](#) recently made appointments to a number of TAC and ITE committees, and will be starting work on a longer term National Technical Committee to support our conference technical program development.

I would like to thank all of the Board and Executive members for their dedication and hard work over the past year. Together, we have accomplished a tremendous amount, and I look forward to what we can do this year! I would also like to congratulate a number of our members who have been recognized by ITE these past few months. Alf Guebert has been named as an Honorary Member for his almost 40 years of participation in ITE. Pedram Izadpanah and Souzan Saadat have been accepted to the 2023 class of LeadershipITE. Canadians continue to lead by example in many areas of ITE!

Over the course of the year, I hope to get out and visit many of you at your section activities, and hope to see many of you in Winnipeg as we partner with the Canadian Association of Road Safety Professionals (CARSP) for our 2023 Annual Conference! In the meantime, please feel free to reach out to me directly if you have any questions or thoughts about our organization.



Ryan Vanderputten, P.Eng., FITE
President, ITE Canada



Edward Soldo, P.Eng., FITE

Canadian District Director, ITE
director@itecanada.org

Happy New Year to all of the ITE Canada members across the country. With the calendar flipping over to a new year comes new opportunities. Hopefully this year we will all be able to resume a more normal life given the circumstances of the last few years.

I will start off with a congratulations to the ITE organization as a whole. In January 2023, our global membership was over 17,000 members, the largest number of members that we have had on record. This truly speaks to the inclusiveness of the organization, its leadership within the industry, the value of its services, and the strength of its members.

This year's theme is ***Connecting People and Communities*** which really resonates with me since, as transportation professionals, that is what our profession and organization are all about. It is about being inclusive, supporting our membership across all the sections/chapters, and building those relationships not only within the profession but also with our communities.

In 2023, ITE is promoting a year-long initiative that is focused on integrating more transportation planning professionals into our organization. I would encourage you to share this opportunity for a year of free ITE membership with your planning colleagues. More information about this offer and many other resources about collaboration between planners and engineers and the everything ITE can offer to planning professionals is available on the ITE [website](#).

In addition, the ITE Virtual Spring Conference titled ***Great Communities : At the Intersection of Planning and Engineering*** is coming up on March 14-15 and will focus on the important transportation collaboration between engineering and planning in building sustainable communities.

The January 2023 edition of the ***ITE Journal*** has a number of great articles for you to review and highlights one of ITE Canada's long standing members. Three new ITE Honorary members were announced in January and it is the highest recognition of notable and outstanding professional achievement that ITE presents to an individual . The three members were [Alfred A. Guebert](#), Ransford S. McCourt and Earl E. Newman. Alf has been a pillar of leadership in the ITE Canada community for many decades and it was my pleasure to personally congratulate him in Washington at the January IBOD meetings.

Left to right: Alf Guebert, Edward Soldo, Souzan Saadat, Pedram Izadpanah, and Gene Chartier representing the Canadian District at January 2023 ITE International meetings in Washington, DC.



The new LeadershipITE Class of 2023 started their program in Washington as well and it was great to see our ITE Canada representation with Pedram Izadpanah and Souzan Saadat attending. The [LeadershipITE program](#) was established to grow and empower leaders within our ITE community and I would highly encourage all members to consider applying in future years.

I am looking forward to interacting with many of you at the upcoming joint ITE Canada/Canadian Association of Road Safety Professionals conference in [Winnipeg](#) or at the Joint ITE International and Western District Annual Meeting and Exhibition in [Portland](#).

Until then, keep well, stay safe and if you have any questions regarding ITE, please contact me at esoldo@itecanada.org on Twitter [@EdwardSoldo](#).

Edward Soldo

Edward Soldo, P.Eng. (F)
Canadian District Director

AGM Highlights

December 7, 2022

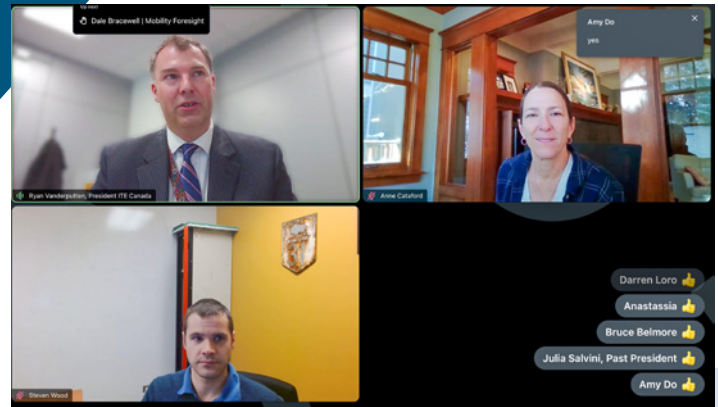
On December 7, 2022, ITE Canada held its first Annual General Meeting (AGM) following changes in our financial year, now spanning September 1 to August 31st, and Director terms now beginning January 1st. Learn more about this change in this [Notice to Members](#) posted in the Fall 2022 edition of Transportation Talk.

Chaired by President Ryan Vanderputten, the meeting began with an overview of the [2022 Annual Report](#) covering activities of the organization from January 2022 to August 2022.

Acting on behalf of Treasurer Irini Akhnoukh, Vice-President Pedram Izadpanah gave an overview of the financial statements for 2021 and the partial year-end statements for 2022, which were both approved by the membership. These and all documents related to the 2022 AGM are available for download [here](#).

The membership approved the appointment of the following members elected to the ITE Canada Board of Directors with two-year terms beginning January 1, 2023:

- Paul Bourque, Québec Section
- Anne Cataford, Southern Alberta Section
- Jeff Jongsma, Southwestern Ontario Section (Second term)
- Jill Juhlke, Hamilton Section
- Jael Lumba, Greater Vancouver Section
- Gord Scobie, National Capital Section
- Steven Wood, Manitoba Section



The motion was followed by a swearing in of the new directors with Anne Cataford and Steven Wood present to partake in the oath of office, shown above.

The following Board members, whose terms ended December 31, 2022, were thanked for their dedication and contribution to the Board:

- Anthony Kwok, National Capital Section
- Jean-Phillippe Desmarais, Québec Section
- Amy Do, Greater Vancouver Section
- Sheeba Vasudevan, Hamilton Section
- Steven Florko, Manitoba Section
- Zoran Carkic, Southern Alberta Section

The formal portion of the AGM was followed by a short presentation on ITE Canada's new brand strategy and logos, summarized on page 7 and 8.

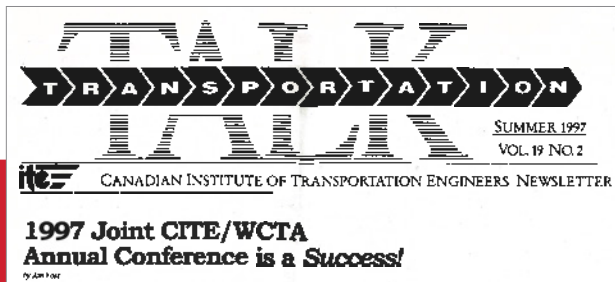


President Ryan Vanderputten thanks outgoing ITE Canada Board members Steven Florko, Jean-Phillippe Desmarais, Amy Do (above) and those not present for their service and dedication to the Board.

A tribute to the CITE logo

With contributions from Jan Voss, CTS & 1999-2001 President of CITE

In 1996, the Local Arrangements Committee organizing and promoting the CITE 1997 Annual Conference in Vancouver added a new tool to their arsenal. The first ever “Canadian” ITE logo, designed by Dan Levy (past President of the Greater Vancouver Section and LAC member), swapped the square dot of the ‘i’ for a maple leaf and went 3D, as seen in this Winter 1996 *Transportation Talk* ad for the conference.

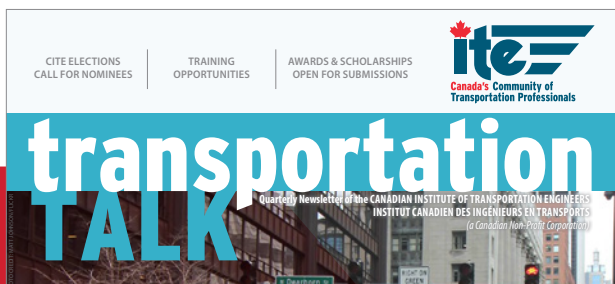


CITE, led at the time by Executive Committee John McGill (President), Alf Guebert (Vice-President), and Jan Voss (Secretary-Treasurer), adopted a 2D version of the logo and it appeared at a District Level for the first time in the Summer 1997 issue of *Transportation Talk*.

In 2001, the logo made its first colour appearance in the Summer 2001 edition of *Transportation Talk* (which was still distributed by print and mail) celebrating CITE’s 50th anniversary.



In 2018, the logo was refreshed with a larger maple leaf and the addition of the tagline—*Canada’s Community of Transportation Professionals*—to reflect our increasingly diverse and inclusive organization. An icon version of the logo was also created for very small applications such as website favicon.



A new brand for ITE Canada

Why is this change happening now?

Our 2022 [Strategic Communications Implementation Plan](#) recommended that we *embrace the concept of OneITE through recognition and consistent use of the parent brand.*

Prior to this, there had been minimal coordination between the District, Sections, and Student Chapters on logos, names, and branding, resulting in a myriad of approaches taken and significant inconsistency across the country.



Building on our name change from CITE to ITE Canada in September 2022, the next phase to implement this recommendation focuses on the visual brand for not just ITE Canada but also our Sections and Student Chapters. The goal of the project is to develop new logos and a visual identity for ITE Canada and Canadian Sections and Student Chapters.

Who was involved?

This project was guided by a volunteer Brand Strategy + Design Review Committee representing Board, Section, and Student Chapter leadership: Steven Florko (Board & Manitoba Section), Erik Nevland (Toronto Section), Destiny Piper (Board & Saskatchewan Section), Benjamin Corbett (UBC Student Chapter), and Adonai Garcia (York University Student Chapter). This group provided input on preferred approaches and designs as well as insight into the needs and priorities of our Sections and Student Chapters.

The work was supported by the experienced designers at Uplift Engagement Communications and led by internal ITE Canada resources.

What is the new brand strategy?

The new ITE Canada brand architecture follows the “branded house” approach, maintaining the integrity of a strong single master brand (ITE International) with a structured framework for sub-brands (District, Sections, Student Chapters) that have a clear link to the parent brand.

This approach is scalable, cost effective, and efficient, allowing ITE Canada to provide more support to our Sections and Student Chapters. With that, we can achieve more unity, quality, and equity amongst all members of the ITE Canada family. It delivers a more consistent member experience across the country and supports the overall goals of OneITE.

ITE Canada District Logo



Section Logos



Student Chapter Logos



Horizontal and vertical versions, as well as white+red and single colour options, provide flexibility in application.

Graphic System – The Wedge



The ITE Canada Graphic System uses “wedge” shapes to create dynamic canvases, inspired by the angles in the three lines of the ITE logo.



Early bird registration open at
conference.itecanada.org



CARSP+ACPSER
WINNIPEG 2023
Joint Conference



ROAD SAFETY
Creating Impact Through Diversity

ITE Canada, CARSP, and the ITE Manitoba Section are excited to welcome you to the ITE Canada/CARSP 2023 Joint Annual Conference in Winnipeg from June 4-7! Join us for a jam-packed conference and see what Friendly Manitoba has to offer!

REGISTRATION

Early bird registration is now open with reduced rates available until **April 4**. Be sure to register before May 20 when late registration rates come into effect! **CARSP & ITE members** receive additional discounts with special rates for student & retired members. Find all the info you need to register at conference.itecanada.org.

[Register](#)

TRIVIA CONTEST

It's time for trivia—part 2! The second round of the trivia contest is now up and running. In this round you learn some interesting tidbits about our host city and province and see some attractions to look forward to visiting!

[Enter to win!](#)

Prizes are beautiful locally-made keepsakes from Manitoba-based artists.

VENUE & TRAVEL

Our venue, the **RBC Convention Centre**, and official hotel, the adjoining **Delta Hotel Winnipeg** are both centrally located in downtown Winnipeg. In walking distance to beautiful and historic attractions, such as The Forks, The Exchange District, and our banquet at the iconic Canadian Museum for Human Rights (pictured above), the conference showcases many Winnipeg highlights!

Hotel & Tavel Info

ITE Canada is pleased to again offer conference travel funding support through the **Jenn & Jan Voss Travel Bursary for Women in Transportation Engineering**. Full details on the [ITE Canada website](#). Applications are due **March 1, 2023**.



SHOWCASE YOUR COMPANY

Our 2023 conference will be an unparalleled opportunity to connect with leading decision-makers and practicing professionals in both the *transportation* and *road safety* industries from across Canada.

With sponsorships of all levels and a trade show happening in a large dedicated space, you're sure to find an opportunity that will showcase your company's unique offerings to conference attendees.

Sponsor & Exhibit

TECHNICAL PROGRAM

The thought-provoking technical program features dozens of **presentations, workshops, and panel discussions** around the theme—**Road Safety: Creating Impact Through Diversity**. Keynote and plenary speakers will showcase notable voices from across disciplines to highlight issues related to equity, transportation, and road safety.

Our **technical tours** will showcase many modes of transportation—including transit, rail, walking, and cycling—and visit Winnipeg's vibrant neighbourhoods and developing multimodal infrastructure. See the schedule on page 11.

SPECIAL EVENTS

Look forward to a social events program full of familiar favourites, including Traffic Bowl, the Street Hockey Challenge, and our Banquet happening at the iconic *Canadian Museum for Human Rights*. This conference will be a great opportunity to connect with friends and colleagues, make some new connections, and create lasting memories!

Explore the schedule



SUNDAY, June 4

MONDAY, June 5

TUESDAY, June 6

Special thanks to our top supporters

Platinum Sponsors



Want to see your logo here?
 Diamond, Platinum & Gold sponsorships still available.
 Learn more at conference.itecanada.org.

REGISTRATION & INFO DESK OPEN

RBC Convention Centre
 South Building
 Carleton Lobby
Access from Carlton Street

WELCOME RECEPTION
 RBC Convention Centre
 Exhibitor Hall D

Sponsored by:

LeadershipITE (by invitation)
ALUMNI RECEPTION

6:30	Morning Run	
7:30	CONTINENTAL BREAKFAST & EXHIBITOR SHOWCASE	
8:30	KICKOFF KEYNOTE Megan Wier, <i>Oakland Department of Transportation</i> Partnerships to Prioritize Safety and Equity <i>Sponsorship & audience address available with Diamond Sponsorship</i>	
10:10	BREAK & EXHIBITOR SHOWCASE	
10:40	EXHIBITOR HALL OPEN CONCURRENT	1A: Mobility as a Service (MaaS) 1B: Child-Related Road Safety 1C: Alcohol and Drug Impaired Driving 1D: Active Transportation Facility Design & Implementation I 1E: PANEL - A Panel on Procurement: The Life of an RFP
12:00		LUNCH & KEYNOTE Rosana Correa, <i>President, ITE International</i> <i>Gold sponsorship available</i>
1:30		2A: WORKSHOP - Future Mobility for Ageing Populations – RAIM Project 2B: Injury Trend Analysis 2C: Active Transportation Facility Design & Implementation II 2D: Road Safety Policy and Program Development ITE International Leadership Meeting (<i>by invitation</i>)
		Tour 1A: Walking Tour 1B: Rapid Transit
3:10		BREAK & EXHIBITOR SHOWCASE
3:40	TRAFFIC BOWL <i>RBC Convention Centre, York 1</i> <i>Gold sponsorship available</i>	PRESENTATIONS & PANEL - Impaired Driving <i>Featuring</i> Christine Wickens Doug Beirness Shawna Meister Marie Claude Ouimet
5:00	STREET HOCKEY CLASSIC <i>Memorial Boulevard, south of York Avenue</i> <i>In front of the Manitoba Legislative Building</i> <i>Gold sponsorship available</i>	
7:00	STUDENT MIXER <i>Local Public Eatery</i> <i>Sponsored by: </i>	
10:00		

6:30	Morning Run	
7:30	CONTINENTAL BREAKFAST & EXHIBITOR SHOWCASE	
8:30	EXHIBITOR HALL OPEN CONCURRENT	3A: Emerging Planning 3B: Road Safety 3C: WORKSHOP - Future Mobility for Ageing Populations 3D: PRESENTATION - Road Safety <i>Sponsor-led</i>
10:10		BREAK & EXHIBITOR SHOWCASE
10:40		4A: Heavy Vehicle Safety 4B: Pedestrian Safety 4C: Road Safety 4D: PRESENTATION - Road Safety <i>Sponsor-led</i>
12:00		LUNCH & PAN <i>Featuring Dennis L...</i> <i>Michelle Porter & ...</i>
1:30		5A: Traffic Ca 5B: Equity, D 5C: Risky Dri 5D: Pedestria 5D: PANEL -
3:10	BREAK & EXHIBITOR SHOWCASE	
3:40	EXHIBITOR HALL OPEN CONCURRENT	6A: Youth/N 6B: PANEL: F <i>in the Ro</i> 6C: Advance 6D: Pedestria <i>Sponsor-led</i> ITE Canada/
4:30		
5:00		
5:30		
7:00		
10:00	BANQUET DINNER <i>Canadian Museum for ...</i> <i>85 Israel Asper Way</i>	

SCHEDULE AT A GLANCE

#ITECARSP2023 ▶ conference.itecanada.org

June 6

CONTINENTAL BREAKFAST & EXHIBITOR SHOWCASE

Emerging Methods & Technologies in Transportation Planning and Road Safety Analysis
 Safety Improvement Initiatives I
 WORKSHOP - Embedding Equity in Transportation Planning and Design
 PRESENTATIONS & PANEL - Speed Management
 Thought Leader Sessions *Sponsorship available*

EXHIBITOR SHOWCASE

Vehicle Road Safety
 Pedestrian and Cyclist Safety I
 Safety Improvement Initiatives II
 PRESENTATIONS & PANEL - Technology & Road Safety
 Thought Leader Sessions *Sponsorship available*

SESSION ON EQUITY
 Ballard, Bryce Doell, Meghan Winters
Gold sponsorship available

Calming and Speed Management
 Diversity and Inclusion in Transportation
 Living and Fitness to Drive
 Pedestrian and Cyclist Safety II
 Career Connect with Kate

EXHIBITOR SHOWCASE

novice Driver Road Safety
 Perspectives on Equity, Diversity, and Inclusion
 Road Safety Needs for Communities
 Advanced Driver Assistance Systems
 Pedestrian and Cyclist Safety III
 Thought Leader Sessions *Sponsorship available*

Student Executive Roundtable (TBC, by invite)

POSTER SESSION Presenters in attendance during breaks

Tour 2A: Cycling
 Tour 2B: New Flyer Production Facility
 Tour 2C: Rapid Transit
 Tour 3A: Cycling
 Tour 3B: CN Training Centre
 Tour 3C: Walking

AWARDS GALA
 Human Rights
 Sponsored by: **SIDRA SOLUTIONS**

WEDNESDAY, June 7

6:30 Morning Run

7:30 CONTINENTAL BREAKFAST

8:30 CONCURRENT
 7A: Planning, Implementation & Evaluation of Road Safety Programs
 7B: Transportation Planning and Operations
 7C: Road Design and Road Safety
 7D: Safe System Approach, Vision Zero & Road Safety Management
 7E: WORKSHOP - Active Transportation during Construction

10:10 BREAK

10:40 CONCURRENT
 8A: Pedestrian and Cyclist Safety IV
 8B: Transportation Accessibility and Community Building
 8C: Traffic Safety Enforcement
 8D: Intersection Safety

11:00
 11:30

12:00 **CARSP & ITE CANADA AWARDS LUNCHEON**
 RBC Convention Centre, York 1
Gold sponsorship available

1:30 *Separate registration required*
WORKSHOP
Protected Intersection Design
 Hosted by ITE Canada
 Wednesday, June 7 • afternoon and Thursday, June 8 • morning

3:10 *Separate registration required*
WORKSHOP
From rhetoric to reality: Promising practices for advancing transportation equity in Canadian cities
 Hosted by CARSP
 Wed, June 7 • 2:00-4:00 p.m.

3:40
 4:30
 5:00
 5:30

Tour 4A: CN Training Centre
 Tour 4B: Cycling (Rain date, only if needed)

LEGEND

MEALS & BREAKS

EXHIBITOR HALL • POSTER SESSION

TECHNICAL SESSION • WORKSHOP / PANEL • SPONSOR-LED

ITE Canada / ITE International / CARSP SESSION

TECHNICAL TOUR

SPECIAL EVENT

Please note: This is a preview schedule and all details are subject to change.
 Version: 7 Feb 2023



Excellence in Transportation Scholarships & Awards

DEADLINE: MARCH 1
itecanada.org/awards

Each year, ITE Canada sponsors an awards program to honour outstanding achievement in the transportation profession, technical excellence, and service to the District. Nominate by March 1, 2023 at itecanada.org/awards.

Recognition of Service

■ **H. Robert Burton Distinguished Service Award**

ITE Canada's most prestigious award honours an individual with a notable career in the field and a record of service with the Canadian District of ITE

■ **Outstanding Voluntary Contribution Award**

Celebrates a member who has made exceptional voluntary contributions to ITE Canada or its programs and projects

Technical Excellence

■ **Stan Teply Outstanding Technical Project Award**

This award showcases quality projects that have shown significant and proven technical excellence in transportation planning/engineering

■ **ITE International Transportation Achievement Awards**

ITE Canada will select Canadian nominees for these ITE Awards recognizing achievement in a range of categories spanning many practice areas



Awards & Bursaries for Emerging Professionals

■ Rising Star Award

Identifying members under the age of 35 who have made an impact on the profession, demonstrated the ability to lead the next generation & implemented innovative techniques to the transportation practice

■ David Tam Memorial Award

Proudly presented by Bunt & Associates, this \$3,000 award recognizes young professionals under 30 who have contributed to transportation solutions to improve network operations

Sponsored by:



■ Jenn and Jan Voss Travel Bursary for Women in Transportation Engineering

\$1,000 bursaries to encourage women early in their careers to participate at CITE conferences

Apply by
MARCH 1 at
itecanada.org/awards

Section & Student Chapter Awards

These annual awards acknowledge the tremendous work done at the local level of ITE Canada. Section and Student Chapter submissions are automatically considered for both the Outstanding and Momentum Awards in their respective categories. Submissions must be made by March 1, 2023 at itecanada.org/awards.

■ Outstanding Section Award

recognizes the overall quality of Section activities, either technical or non-technical in nature

■ Outstanding Student Chapter Award

recognizes outstanding accomplishments in student chapter activities that achieve the objectives set forth in the Charter

■ Section Momentum Award

celebrates those Sections who have achieved commendable improvement from year(s) past

■ Student Chapter Momentum Award

celebrates those Student Chapters who have achieved overall improvement from year(s) past

STUDENT SCHOLARSHIPS & AWARDS



Deadline:
MARCH 1

Scholarships and awards are offered annually by ITE Canada for students at accredited Canadian universities and colleges. Winners receive free registration, travel support, and recognition at our Annual Conference taking place in Winnipeg, MB, June 4-7, 2023.

■ Dr. Michel Van Aerde Memorial Scholarship

\$3,000

For full time students in a transportation doctorate-level program at a Canadian university.

■ John Vardon Memorial Scholarship

\$3,000

For full time students in a transportation master's-level program at a Canadian university.

■ ITE Canada Undergraduate Scholarship

\$3,000

Scholarship for an undergraduate student in planning, geography, or engineering.

■ Student Presentation Competition

One winner from the local ITE Canada Section competitions will be chosen for this award

■ WATT Consulting Group "Transportation in a Sustainable World" Student Award

\$1,000

Awarded based on the quality of writing and appreciation of inter-disciplinary collaboration in a 1,000+ word paper

Sponsored by:



■ Student Paper Competition

\$1,500

For students in accredited transportation programs, awarded based on the quality of a paper addressing a transportation engineering subject.

Sponsored by:



■ Canadian Capacity Guide Competition

\$1000 (Second: \$300, Third: \$200)

An undergraduate student competition based on the *Canadian Capacity Guide for Signalized Intersections* (CCG) using PTV Vistro 2020.

Sponsored by:

**Jim
Gough**

**PTV
GROUP**

BA Group

ITE Canada Technical Liaison Committee



Ryan Martinson, M.Eng., P.Eng., RSP1 (Chair)

Martinson Golly Ltd, Principal \ Calgary, Alberta



Ryan is a Principal with Martinson Golly Ltd., a firm focused on creating great streets for people, active transportation planning and strategy, and Vision Zero. He uses the creative and strategic bones in his body to work with stakeholders and the public to develop solutions to immediate and future issues. You can find Ryan's work published in a wide range of formats, including comic books and cartoons, journal articles and blog posts, design concepts and guidelines, and strategies and actions plans.



Farhad Shahla, P.Eng. (Vice Chair)

City of Hamilton, Manager, LRT Technical Services & Approvals Coordination
Oakville, ON

Farhad has been an active volunteer with ITE Canada since 2005 in a variety of roles, most recently as member of the District's Technical Liaison Committee, member of ITE's Council Leadership Team and an appointee with TAC's Road Safety Committee. Holding a Masters of Engineering in Civil/Transportation Engineering from University of Toronto with 14 years of municipal engineering experience, Farhad is currently working on the procurement, design and construction of a 14-km LRT infrastructure in Hamilton, Ontario.

Erin Toop, M.A.Sc., P.Eng.

Toop Consulting Ltd, Principal \ Jasper, AB



Erin is excited to be involved in the ITE Canada community again, having volunteered in several different local, national and international ITE roles since 2012. She has recently launched her own consultancy, from which she supports clients with public transportation and active transportation planning and advisory services. Her experience ranges from regional transit plans in major metro areas to active transportation and public transportation plans for small communities.



Borg Chan, P.Eng, PTOE, RSP1, FITE

ISL Engineering, Manager, Traffic Engineering and Road Safety
Richmond, BC

As professional traffic and safety engineer, Borg delivers transportation planning, traffic engineering, and road safety studies to communities in Canada and the overseas. Borg has been active in the professional community throughout his 35-year career, participating in professional institution committees and presenting papers for various conferences. With a passion for soccer and hockey, Borg cheers for Liverpool F.C. and the Vancouver Canucks. In his spare time, Borg enjoys travelling and watching movies with his family.

ITE Canada Training Committee

With recent changes to its membership, the ITE Canada Training Committee would like to introduce the team. These individuals work hard to coordinate the development and delivery of new education and professional development opportunities for Canadian transportation professionals such as our recent offerings: *Protected Intersection Design* and *Big Data + Emerging Traffic Technologies*.



Ian Roth, P.Eng. (Chair)

Urban Systems Ltd, Transportation Engineer, Principal
Kelowna, BC

Ian's consulting experience over the past 11 years spreads across technical planning and design areas including urban streets, active transportation, road safety, highway corridors, and network planning. He has served with ITE Canada since 2010 on the BC Interior Section and the ITE Canada District Boards. He is the incoming chair of the ITE Training Committee and is excited to get to work with the team on delivering innovative training programs through 2023.

Adam St. Amant, P.Eng., PTOE (Vice Chair)

City of Lethbridge, Transportation Engineer
Lethbridge, Alberta



Adam is involved in transportation planning, project management, and traffic engineering activities in his role at the City of Lethbridge. He reviews various development plans from the transportation perspective, was the project manager for the City's Cycling Master Plan, is the project manager for the City's Transportation Master Plan, and participates in various processes for transportation infrastructure improvement and design.



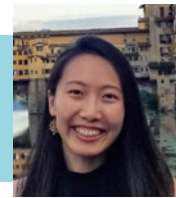
Marcia Eng, P.Eng.

Urban Systems Ltd., Senior Transportation Engineer
Calgary, AB

Marcia is a transportation engineer with over 20 years of experience in planning, design and construction. Her experience spans project management, traffic calming, design and construction of Complete Streets and bicycle corridors, urban revitalization, through to micro- and macro- simulation modeling, and operational studies and assessment. Marcia believes that with good communication you can achieve better success on a project. Marcia has been actively involved with the ITE local section as well as ITE Canada since 2003.

Karin Huang, EIT

City of Vancouver, Transportation Engineer
Vancouver, BC



Karin Huang is a Transportation Engineer at the City of Vancouver's Traffic and Data Management Branch. She has a wide variety of experience in traffic data collection, management, analysis, modelling and simulation in both the private and public sectors. She first got involved with ITE as the Event Coordinator and then Co-President of the UBC ITE Student Chapter and she is excited to be joining the ITE Canada Training Committee this year. Outside of work, Karin enjoys hiking, cultivating bonsais and orchids, and breeding freshwater shrimp (as pets) with her partner.



Maryam Tabeshian, M.Sc., P.Eng., PTOE (Past Chair)

Senior Transportation Engineer, McElhanney
Vancouver, BC

Maryam has over eleven years of experience in transportation planning and traffic engineering with a passion in traffic modelling and simulation. She has been a member of the ITE Canada Training Committee since its 2017 and helped establish this committee with an intent to provide education and professional development opportunities for transportation professionals. Maryam has also been involved in the Greater Vancouver Section and was elected as Treasurer for 2023. Additionally, she is a member of ACEC-BC Transportation Conference Organizing Committee.

TRAINING OPPORTUNITY

Protected Intersection Design

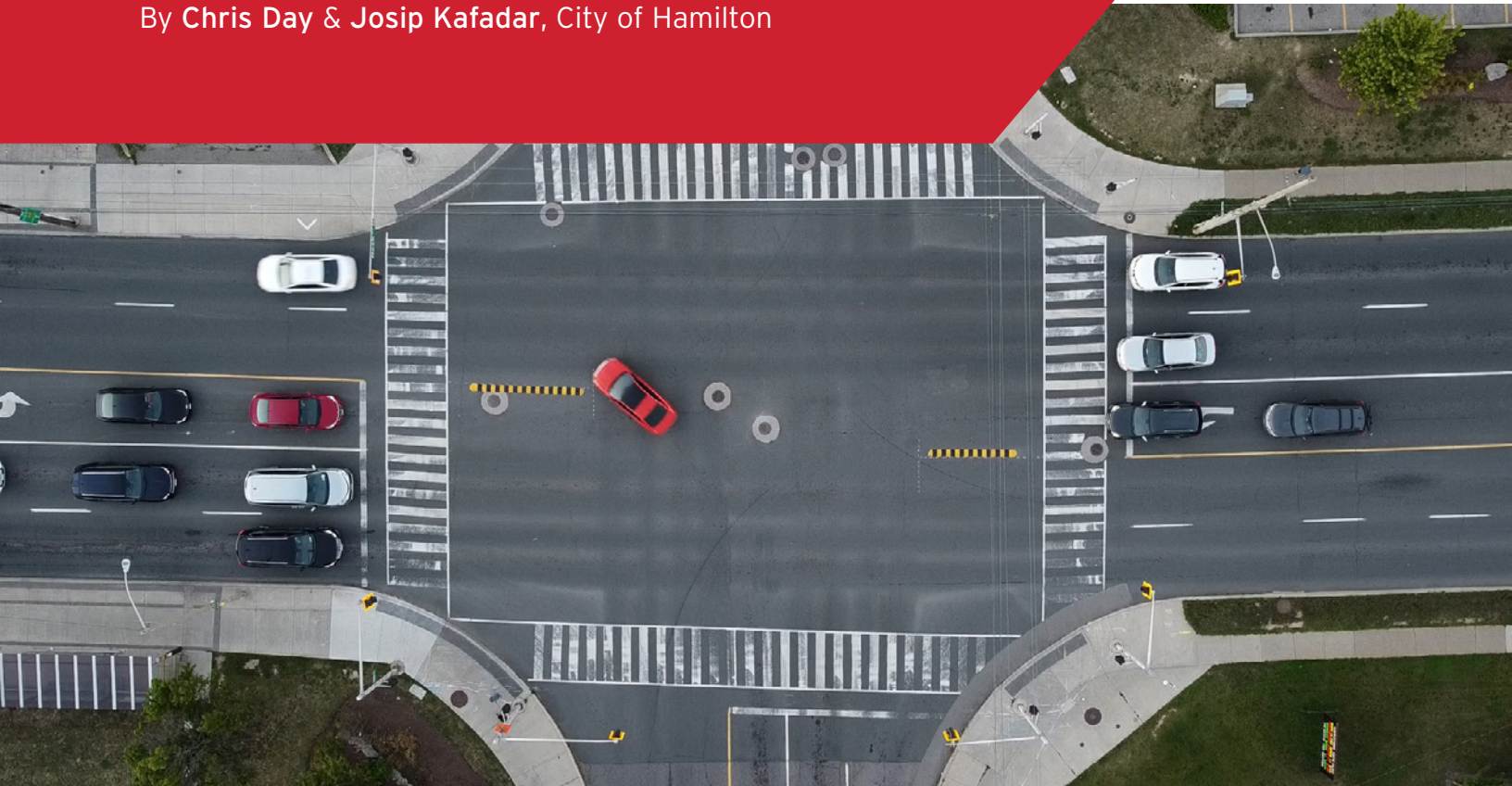
JUNE 7-8, 2023 | WINNIPEG, MB
In-person workshop



Left Turn Calming Pilot

Improving safety for vulnerable road users

By Chris Day & Josip Kafadar, City of Hamilton

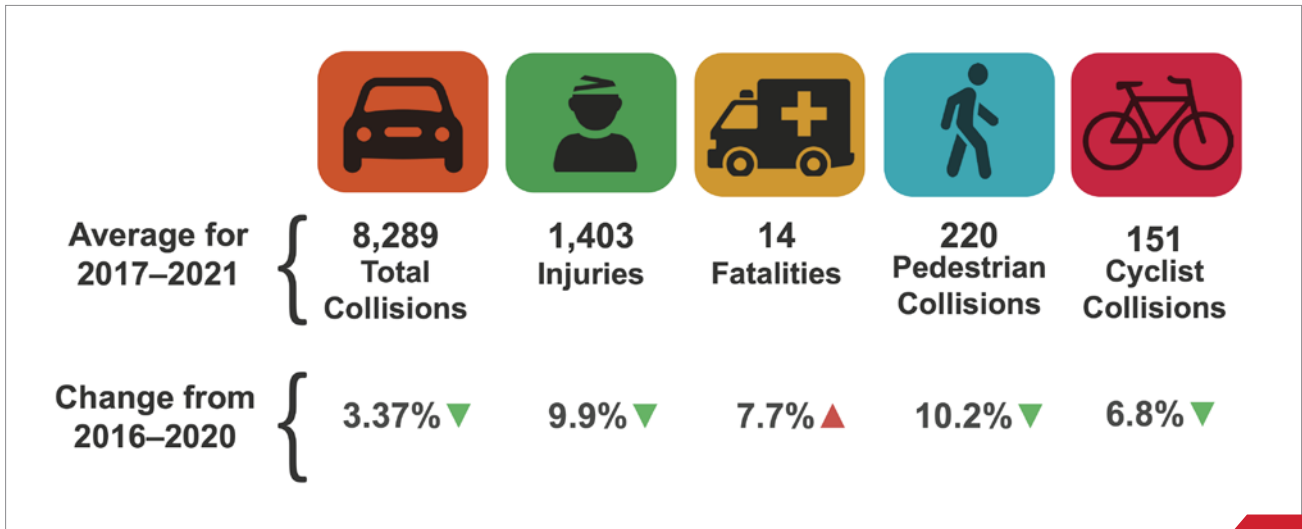


Introduction

The City of Hamilton implemented its Vision Zero Action Plan in 2019—a multidisciplinary approach that requires the collaboration of policy makers, engineers, planners, and everyday road users to ensure a holistic approach is applied when considering how we can make streets safer for motorists, pedestrians, and cyclists. As part of Vision Zero, the City recognizes that traffic related deaths and serious injuries are preventable and that policies, data collection, and data-informed strategies are crucial to reducing

the chance of collisions and preventing serious injury and fatalities on roadways.

The data driven approach of the [Vision Zero Action Plan](#) provides direction to focus on countermeasures for identified trends and patterns involving injury and fatal collisions. This Action Plan is a fluid approach that will evolve as the Vision Zero program progresses and as the safety data becomes more targeted to the program's needs.



Average total collisions, injuries, fatalities, pedestrian collisions, and cyclist collisions for 2017-2021 and change in the averages for 2016-2020. Source: [City of Hamilton 2021 Annual Collision Report](#) (PDF, 20 MB)

The City of Hamilton publishes an Annual Collision Report to provide a high-level review of collisions occurring on the city roadways over a five-year span. The majority of crashes identified within the annual review are vehicle-only collisions. However, between 301 and 429 vulnerable road user collisions have occurred annually between 2017 and 2021 and most of these collisions resulted in injury or fatality.

In Hamilton, collisions involving pedestrians regularly result in injury approximately 90% of the time and collisions involving cyclists result in injury approximately 70% of the time. Additionally, 56% of fatal collisions involved a pedestrian. Most of these vulnerable road user injury collisions occurred at intersections, specifically signalized intersections.

Consistent monitoring of the road network using safety and traffic data will allow for the incorporation of strategic engineering countermeasures to prevent fatal and severe collisions. The City strives to work toward synergizing engineering best practices to encourage safer streets using the Vision Zero Safe Systems approach with all road users in mind.

Conflict Analysis and Turn Calming

In addition to the traditional approach to review the safety performance of intersections based on historical crash data, the City's Collision Counter Measure Program included a Video Analytics review of the top 10 network screening ranked signalized intersections with a focus on vulnerable road users.

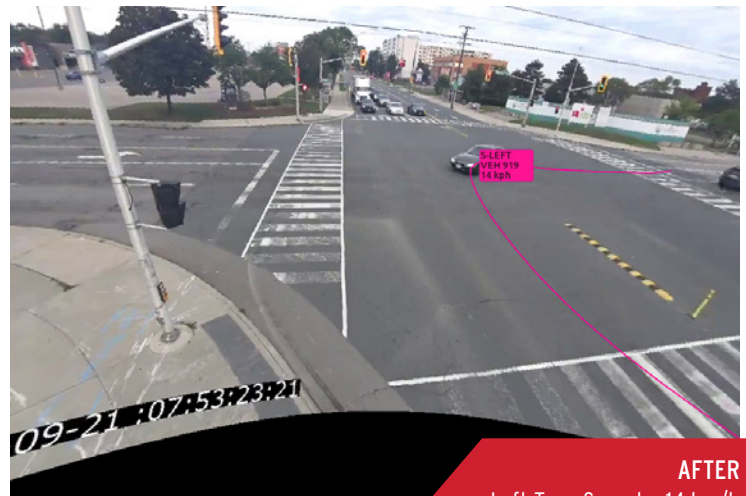
The City of Hamilton was a winning municipality of the MicroTraffic grant application program that was intended to build a safer future for road users. MicroTraffic provided video near miss analysis on ten intersections, which included some high-level recommendations on ways to improve each intersection's safety performance.

One of the recommendations which came about from the Video Analytics project and subsequently implemented as a pilot was Left Turn Calming.

Left Turn Calming aims to reduce the risk of left-turn collisions at signalized intersections with the installation of speed bumps or other features to "harden" the centre line. This treatment



BEFORE
Left Turn Speed = 36 km/h



AFTER
Left Turn Speed = 14 km/h

Before and after video analytics screen captures depicting reduction in left-turn speed and sharper turning angle

encourages drivers to approach the crosswalk at a sharper angle, which requires slower turning speeds, and increases the visibility of pedestrians within the crosswalk.

High speed left turns are a concern at wide intersections where drivers can make the manoeuvre at a relatively wide radius. A review of collisions within the City between 2017-2021 revealed that 26% percent of pedestrian collisions involved vehicle turning left at signalized intersections, which included four fatalities.

Implementation

A Left Turn Calming pilot project was initiated in September of 2022 at the intersection of Queenston Road and Nash Road. Quick build rubber speed bumps were installed on the west and east legs of the intersection based on recommendations from the video near miss analysis. The speed bumps were implemented at the far side of the crosswalk with a setback of 0.5 metres from the perpendicular travel lanes.

Following the implementation of the speed bumps, drone footage was captured to evaluate and observe driver behaviour conducting the left turn movements. The drone footage provided a very effective angle to evaluate the operation of the intersection, and it showed that the Left Turn Calming measures were understood and traversed properly by a large majority of motorists. However, some vehicles were observed cutting across and travelling on the opposite side of the speed bump. In order to remedy this observed issue, additional bollards were installed on both sides of the crosswalk on the centre line.

The Left Turn Calming pilot project will remain in place for a minimum of one year before formal evaluation. One of the anticipated challenges will be winter operations and snow clearing as the rubber speed bumps will remain in place all year. Due to the placement within the intersection and the nature of quick build measures such as rubber speed bumps, there is potential for snowplows to damage the speed bumps. The winter operations surrounding Left Turn Calming measures will be evaluated over the 2023 winter season.

Left Turn Calming Projects in other Canadian Municipalities

City of Toronto

Toronto's Vision Zero team has installed Left-Turn Calming Pilot treatments at eight locations as one of many safety initiatives and pilots undertaken as part of their Vision Zero Road Safety Plan. Learn more about the pilot at toronto.ca/services-payments/streets-parking-transportation/road-safety/vision-zero/safety-initiatives/left-turn-calming-pilot.

City of Calgary

Under its Calgary Safer Mobility Plan, the City of Calgary added left turn calming to three intersections in late 2022. The municipality answers commonly asked questions on its webpage about the installations which are planned to remain in place into 2023. See calgary.ca/roads/safety/left-turn-calming.html.

Halifax Regional Municipality

In 2022, HRM announced a pilot to install centerline hardening at six intersections located in different areas of the municipality, ranging from downtown core to outer suburbs. More at halifax.ca/transportation/streets-sidewalks/road-safety/left-turn-calming.

Education Campaign

Left Turn Calming is not a common measure in Canada, with only a handful of municipalities piloting countermeasures. As such, motorists are not accustomed to the measure and its intended purpose. A social media campaign was launched to advertise the pilot project and educate the public on its intended purpose and the safety benefit it provides to pedestrians.


The campaign proved to be very successful, reaching nearly 40,000 views stemming from the City's Instagram channel and almost 30,000 in Twitter. Overall, the feedback was very positive with residents applauding the progressive measure. It also generated positive media coverage on local media outlets, educating residents about the purpose and benefit of this measure. The drone video footage that was captured proved to be a great tool not only for the operational review but also for the education campaign.



What's Next

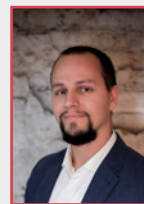
The City will continue to evaluate the safety performance of the Left Turn Calming pilot at this intersection. Key performance indicators include a reduction in vehicle and pedestrian conflicts, left turn vehicle turning speeds, and a reduction in left turn crashes involving vulnerable road users.

The Vision Zero Action Plan will also continue to evolve and target key safety concerns within the road network. Turning maneuvers at signalized intersections continue to contribute to a large portion of injury and fatal collisions.

The Left Turn Calming pilot program will be expanded in 2023 to additional intersections which have a history of left turn and pedestrian collisions. This will help address known causes of collisions involving vulnerable road users and contribute to the goals of the City's Vision Zero Action Plan. 



Chris Day, C.E.T. is the Superintendent of Roadway Safety at the City of Hamilton. He has over 20 years of experience within the public, private and educational sectors in the areas of traffic engineering and transportation planning, including roadway safety, development planning, traffic management, functional design, active transportation, corridor management and parking. Chris has volunteered on the Ontario Traffic Council (OTC) Traffic Training Course Committee, taught at the annual OTC Technical Traffic Operations Course for many years and is on the OTC Board of Directors.



Josip Kafadar, C.E.T., RSP1 is the Project Manager of Roadway Safety at the City of Hamilton. He has over 12 years of experience in roadway safety, traffic operations and transportation planning in the public sector. In his current role he is responsible for delivering key action items part of the City of Hamilton Vision Zero Action Plan and has a record of innovation and collaboration to successfully deliver projects. Josip has shared his roadway safety knowledge and conducted several technical presentations at the Ontario Traffic Council Traffic Engineering Symposium and the School Zone Safety Symposium.

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Associated Engineering provides customized, strategic transportation planning and traffic engineering services. Complementing our technical expertise, our specialist team brings strong project management, consultation, and facilitation skills. Our approach is to work with the community and stakeholders to develop sustainable and resilient transportation solutions. Our services include:

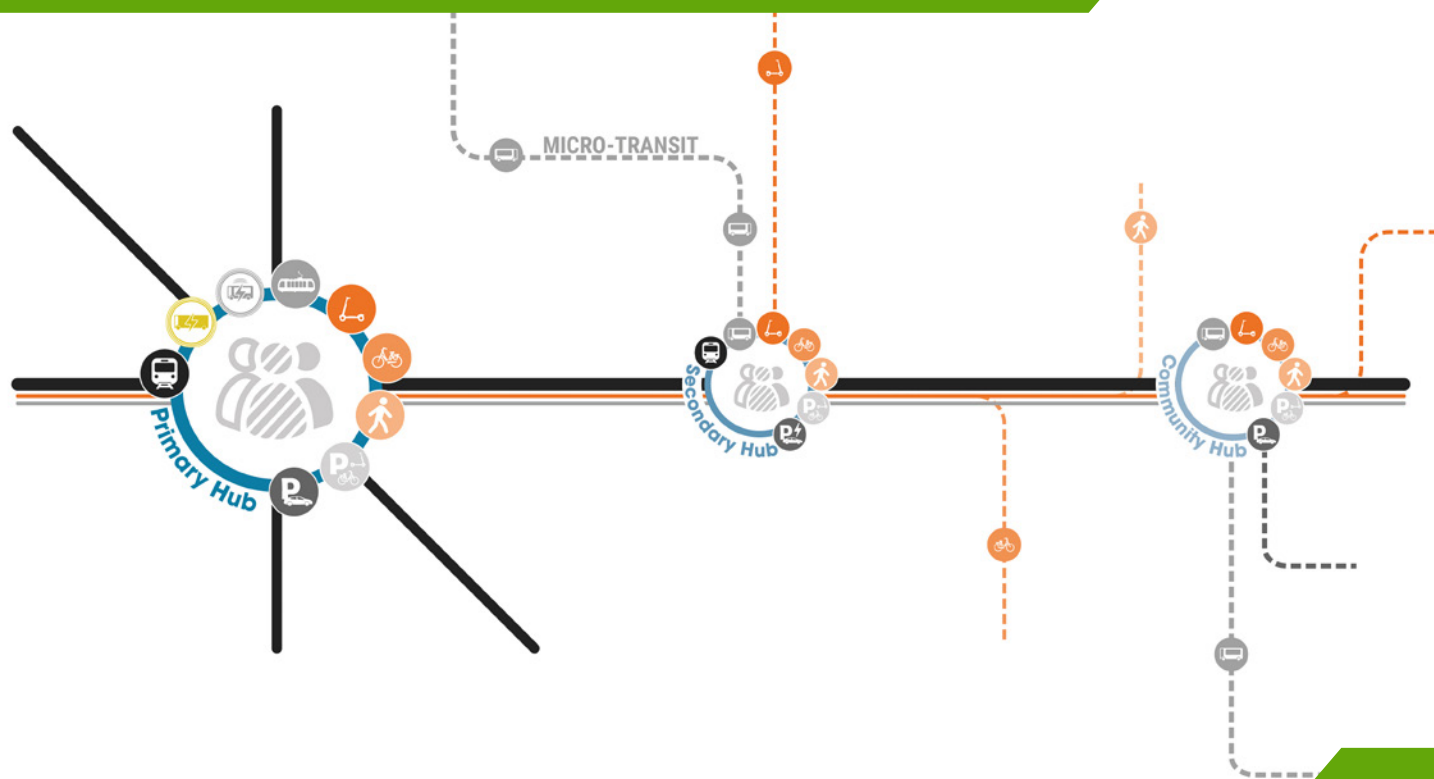
- Transportation Master Plans
- Modelling & Model Interpretation
- Business Case Development
- Policy Studies & Development
- Functional Corridor Planning
- Intelligent Transportation Systems
- Safety Reviews & Audits
- Intersection & Network Analysis
- Traffic Operations Analysis
- Traffic Impact Assessments
- Traffic Accommodation Plans
- Traffic Signal Design






Today's parking lots are tomorrow's mobility hubs

By Stephen Oliver, Stantec



A 2013 article from *The Atlantic*, "The Philosophy of SimCity: An Interview With the Game's Lead Designer," still circulates online today about the creation of the game SimCity. In the story, lead designer Stone Librande points out that developers could not include realistic parking requirements. Why? Because it essentially made the game no fun. "That was kind of a problem because we were originally just going to model real cities, but we quickly realized there were way too many parking lots in the real world and that our game was going to be really boring if it was

proportional in terms of parking lots," he stated in the article.

The fact is real-world parking challenges are not a game; they are significant issues for urban planners. As communities and their needs evolve, we must evolve with them. We must incorporate smarter solutions that solve challenges - including parking lots - and make mobility more sustainable, equitable, and accessible.

The real-life challenge of parking lots

Communities, cities, and campuses have an abundance of surface parking tied to their recent development. With large surface parking areas come inherent problems that go beyond inefficient use of space. Consider the impact on access for other travellers, for instance, with increased walking distances, hazardous biking through parking lots, circuitous transit, and low-efficiency movement for shared mobility. The parking impacts extend beyond travel and into the environment as we see evidence of heat sinks and impermeable surfaces affecting runoff and stormwater that create financial liabilities for the operator. As the cost of driving personal cars continues to rise, the cost of maintaining that infrastructure also rises.

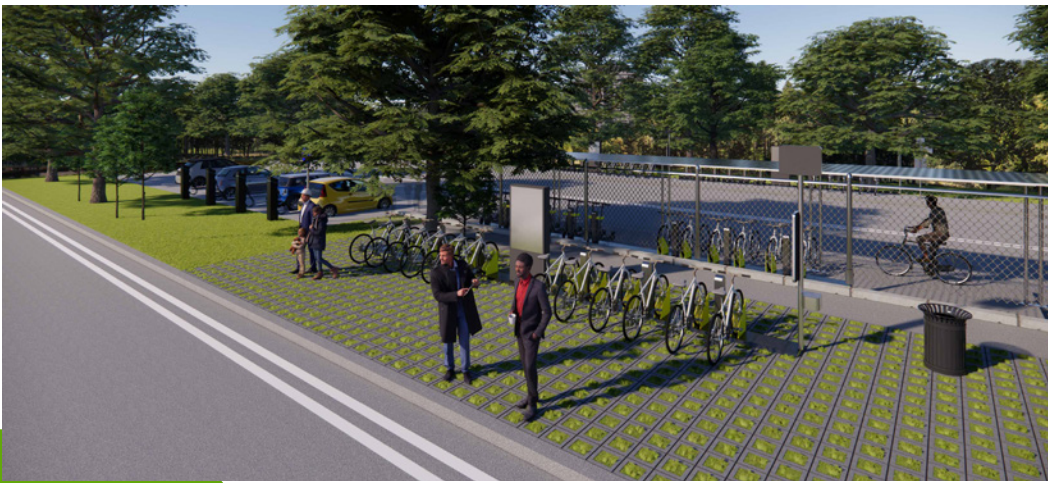
In the transportation and land-use industry, we are familiar with the phasing out of development plans that show large surface parking areas. These are no longer ideal as the role of personal vehicles declines as a single mode of travel and as underground parking becomes feasible. The core challenge we're working with our clients to resolve is a "chicken or the egg" type of problem. Do we change the built form away from parking lots or do we change the modes of travel before the development, thus reducing demand? In the long run, surface parking is an antiquated solution to single-mode mobility. The future of mobility lies in a multimodal, accessible, streamlined approach called "mobility hubs".

Mobility hubs are the solution

A mobility hub is a natural evolution of the transportation system. Right now, many developments are working to incorporate them into communities and campuses in downtowns, rail stations, and suburban parking lots. At their core, mobility hubs are much more than a bus stop or station. They bring flexible transportation choices together in a key location to enable a range of options. These are generally delivered with primary, secondary, and neighbourhood scalability. We use three design "levers" to define and design the mobility hub and achieve ambitious mobility goals:

- **Optionality:** Mobility hubs offer multiple transportation options appropriate to user demographics and market demand. Options might include public transit, cycling, and car share, for example.
- **Ease:** An effective mobility hub makes travel more convenient. It also enables more users to move seamlessly through it with minimal friction.
- **Scale:** The size of the mobility hub needs to suit the market demand, the options it makes available, and its location (from sidewalk to purpose-built structure to train station).

By understanding the travel behaviours in an area and the services that people are moving to, all partners involved can evolve the transportation system. Through these interventions, we create more expansive trips and serve more people.



Concept of adapted surface parking lot to provide mobility hub services at a regional rail station in the United Kingdom. Components of this mobility hub include: Carshare, curbside management, EV car and bike charging, wayfinding solutions, secure bike parking.

Concept of surface parking retrofit to provide a mobility hub in Florida. Components of this mobility hub include: Major transit interchange, customer and staff amenities, EV car charging, carshare, curbside management programming, and shared micromobility options.



ALL IMAGES IN ARTICLE CREDITED TO STANTEC



Concept of mobility hub adapted to an existing parking structure created for a retrofit of a major events centre in the United States. Components of this mobility hub include: EV car and bike charging, carshare, curbside management, package delivery, secure bike parking and shared micromobility options.

Designing Mobility Hubs for the People

In most cases, buildings are oriented toward existing parking. By repurposing some or all this space, we can provide transportation choices to the people accessing the building as we design the mobility hub. For example, when the correct type of bike parking is placed in the right location, all nearby buildings invite cycling without each one needing to create its own unique solution. This example changes the opportunities for the people accessing each building. They have a central, secure parking location that is a reliable end-of-trip facility, which opens new transportation choices.

Similarly, this approach extends to curbside management, deliveries, transit interchanges, electric vehicle charging, and even walking facilities. The mobility hub, properly placed and designed for the users interacting with it, creates a library of transportation solutions with high-quality access to many destinations.

Mobility hubs must be developed in a way that balances a range of capital and operational

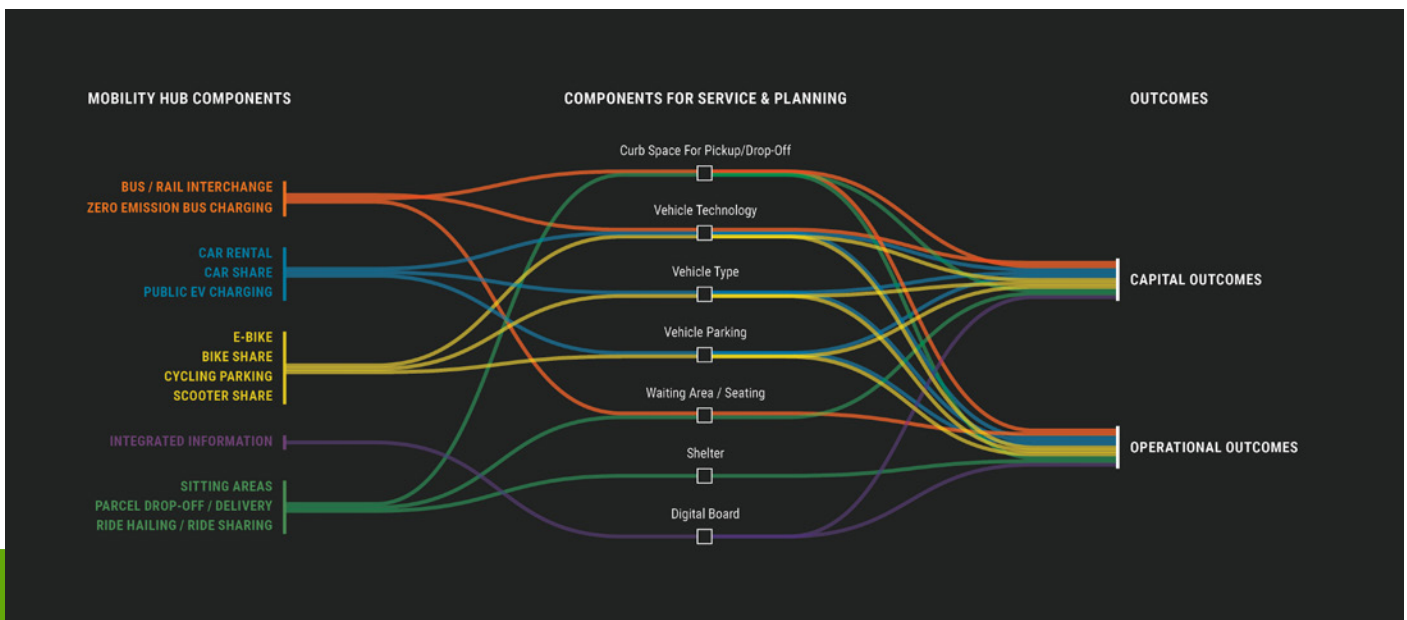
changes, as shown below. Many of these changes can be temporary or a pilot program, which can influence behaviour and change it over time.

Mobility Hubs as a Benefit to Landowners

For landowners—building owners/operators, developers, or parking authorities—mobility hubs create a potential to expand their user bases. They rejuvenate how people access the site, while directly trading inefficient transportation solutions for more options. Due to the space required, cost of construction, and environmental impacts (e.g., heat sink, stormwater runoff), surface parking is wildly inefficient.

When mobility hubs function at their peak, they can serve the same person on several trips and purposes. Now the owner of the same parking spaces benefits from multiple integrated transportation options. This is uniquely possible here because the parking has already been built at the intersection of transportation and destination. Parking lots can be more easily adapted to transportation hub solutions like bus terminals and rideshare drop-off and pickup.

ALL IMAGES IN ARTICLE CREDITED TO STANTEC



Being Proactive About Parking Potential

Parking lot owners who aren't changing their plans for a more multi-modal mobility future are at risk of losing their relevance. Today's economic trends are putting pressure on the car as the single mobility solution. A mobility hub serves more customer types, uses land more efficiently, and ties the transportation land use to the needs of the future. This serves the parking function and opens the adjacent land uses to a range of new visitors and customers. The move away from the "car as king" lifestyle is an evolution, not a revolution. Working with people to identify what transportation options are meaningful and viable is an iterative design process which leads to solutions that facilitates movement for everyone at the appropriate scale.

Here are some first steps to identify areas of potential opportunities.

- Assess your assets. Explore the infrastructure on the ground for key transportation interchanges. Where are people going that is single-use transportation space, and where do different transportation networks meet?
- Assess your users. Looking at the demographics, market demand, and population projections. Determine the modes of transportation needed to support a range of users.
- Act on your opportunity. Find the quick wins that can be rolled out rapidly in locations where people are interchanging already and use this to support the network. Start by providing the opportunity to change behaviour and don't forget, big moves support big change.

You will find an enormous amount of potential in the latent demand for transportation options. Changing key points in the networks that already exist may unlock that demand. 🇨🇦



Part of the transportation and Smart(ER) Mobility team at Stantec Consulting Ltd, **Stephen Oliver** works on multimodal projects across Canada, the United States, and the United Kingdom. He addresses equity and resilience with a cross-disciplinary understanding of transportation planning, public engagement, urban planning, project management, design principles, and emerging technology.

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Connect with us



Maryam Tabeshian

M.Sc., P.Eng., PTOE

Current Employment: Senior Transportation Engineer, McElhanney Ltd

City of Residence: Metro Vancouver, BC

Education:

- B.Sc. in Civil Engineering, 2011, University of Sharif, Tehran, Iran
- M.Sc. in Transportation Engineering, 2013, University of Calgary

First job in transportation: Transportation EIT, WATT Consulting Group

What roles have you taken on as a member of ITE?

- Member, Vice-Chair, and Chair for ITE Canada Training Committee
- Treasurer for the ITE Canada Greater Vancouver Section

Family: Married to Hadi Aghahassani, a passionate Bridge Engineer

Things I like to do: Hiking, paddle boarding, skiing

ITE INVOLVEMENT

What was the first ITE event you recall attending?

The first ITE event that I remember attending was an ITE Southern Alberta Section Luncheon in Calgary. I was an EIT and I attended the event along with my colleagues. There were many transportation engineers from other consulting firms and also from the public sector. I remember I was very excited to have the opportunity to meet and speak with so many transportation professionals.

What is your ITE involvement (past and present)?

My first volunteering experience with ITE started in 2017 with the Training Committee. At that time, the Committee was newly formed and trying to attract members to help shape the committee and serve the community by providing transportation related training workshops. I have

been with the Training Committee since then and had the opportunity to work alongside peers from different provinces and helped organizing many in-person and virtual training sessions throughout Canada. I served as the Chair in 2022 and will continue on the committee in 2023 as the Past Chair.

Additionally, I have been elected to serve as the Treasurer for the Greater Vancouver Section in 2023.

What do you value most about your ITE membership?

ITE has provided me with the opportunity to meet and connect with my peers locally and also to meet transportation professionals nationally from other cities and provinces. ITE has also helped me build up my knowledge of ongoing innovations in the transportation industry beyond what I learned from my day job.

GETTING TO KNOW YOU

What attracted you to the transportation profession? Did you have another career in mind?

I always liked math, physics, and science so decided to pursue Civil Engineering. During my undergraduate, I explored different areas of civil engineering such as structural, geotechnical water & wastewater, and environmental engineering. However, transportation engineering was the one subject that I fell in love with as it included not only math, science, and statistics but also human behaviour studies and urban planning. After my undergraduate, I continued my education and received my master's degree in transportation engineering from the University of Calgary.

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

Leaving my home country (Iran), family, and friends at the age of 23 and moving to Canada was the most daring thing I've ever done in my life. It was the hardest thing for me to leave everything and everyone behind and start building a new life in Canada.

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

I recently started reading *Atomic Habits* by James Clear. It is a very popular book about how making tiny changes can lead to lasting and remarkable results.

PROFESSIONAL ACHIEVEMENTS & PERSPECTIVES

Tell us about a project you're proud to have worked on

I'm very proud to have the opportunity to be part of the BC MoTI owner's engineer team for the kicking Horse Canyon Phase 4 project. And now I'm the most excited seeing it being constructed with all its complications and challenges especially when it comes to managing traffic on Highway 1, one of the most important corridors in Canada.

I was also involved in several transit feasibility study projects for different municipalities such as City of Surrey, City of Vancouver, City of Burnaby, and City of Calgary. All had the purpose of providing road network improvements to reduce person-delays rather than the more conventional approach that only looks at improving vehicle-delays which underestimates the value and purpose of transit.

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

I am very passionate about traffic operations, especially when it looks at all modes of transportation including transit and active modes rather than just focusing on passenger cars. Reviewing and assessing transit and active modes operational conditions require using more powerful microsimulation software such as Vissim which is one of the tools that I use most for my work.

During your career to date, have you pursued any professional designations through ITE?

I received my PTOE designation in 2019. All ITE designations such as PTOE, PTP and RSP are highly respected and are well-known among transportation professionals as well as our clients.

What is the greatest opportunity you see for the field?

Many years ago, transportation engineering started to provide better and faster mobility for cars but the mindset and approach towards mobility have changed a lot since then. Now, transportation professionals are trying to break the old habits and introduce new trends with the focus on safer and more sustainable modes of transportation such as transit, walking, and cycling. What I would like to see in the future is that the next generations adopt these new habits and there is proper transportation infrastructure to meet their needs. We, as professionals, have the opportunity to provide safe, equitable and accessible mobility options for people of all ages and abilities. 🇨🇦

In December, GVITE celebrated our annual award recipients and held our AGM. The Section presented the annual awards to the following recipients:

Bill Curtis Award

BC Flood Recovery - Highway 5 Reopening Project for MoTI



Recipients: Peter Kiewit Sons ULC, EAC, YRB

Mavis Johnson Award

Burnaby Road Safety Network Screening Study

Recipients: City of Burnaby, ISL Engineering & Land Services, and G. Ho Engineering Consultants



Young Professional Award

Recipient: Federico Puscar



Please join us in congratulating these individuals and project teams on their outstanding contributions to the local transportation engineering industry and communities.

Looking forward to 2023, we are pleased to welcome Maryam Tabeshian as our new Treasurer. The returning members of our executive team include Khelen Upadhyay as President, Breanna Jackson as Vice-President, and Matthew Woo as Secretary. We would like to thank Jael Lumba for all her hard work and dedication to the GVITE Section as she moves out of her executive position.

We hosted our first in-person breakfast session on February 1st, at 7:30am. Jan Voss and Gary Vlieg from CTS shared their experiences as Engineer of Records and what to expect when being an Expert Witness. The UBC ITE Student Chapter Industry Night will be on February 8th at 6pm and is a great opportunity for students and industry professionals to meet and network.



SASKATCHEWAN

2022 was a busy and exciting year for the ITE Saskatchewan Section. We held our first annual Student Presentation Competition in March, a Joint Spring Session with the ITE Manitoba Section in April, and co-hosted a Regina Bike Tour in July.

A highlight for us was hosting our first in-person event in three years: our Fall Session and Annual General Meeting. This was a day and a half event followed by a golf tournament held in September. Both days of the session included a variety of presenters with exciting topics, such as:

- Integrated Planning for Long Term Development in Saskatoon
- Cycling Tours in Rural Saskatchewan
- Arcola Avenue Corridor Study & Roundtable Discussion
- Saskatoon Detour Truck
- St. Andrews Lock and Dam Traffic Accommodation Modeling
- Kindersley Intersection Safety Improvements Design Project

This was the first opportunity for our membership to engage with each other in-person since early 2020; members were lively and discussion was invigorating.

Please welcome the 2023 ITE Saskatchewan Section Board.



Hamed Rahimi, Student Chapter Coordinator (Regina)



Raye Tejero, Student Chapter Coordinator (Saskatoon)




Kyle Evjan, Membership/Communications Coordinator



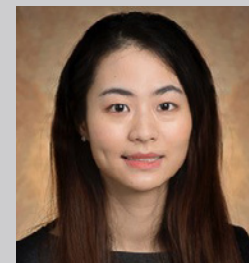
Destiny Piper, Past President

In 2023, we look forward to continuing with our Student Presentation Competition, and in-person Spring and Fall Sessions. Our 2023 goals include:

- Continue to provide valuable opportunities and events for our members.
 - › Student Presentation Competition
 - › STEM Event
 - › Tour
 - › Student Networking
- Provide volunteer roles and opportunities to ITE-SK members. 



Sheliza Kelts, President



Yili (Kelly) Tang, Vice President



Christine Hay, Secretary Treasurer



Ellen McLaughlin, Programs Director


ITE Manitoba held its Annual Business Meeting (ABM) on December 20th, 2022. The ABM featured a technical presentation on the Winnipeg Road Safety Strategic Action Plan (RSSAP) by Rebecca Peterniak and Dr. Jeannette Montufar.

The RSSAP will serve as a roadmap for implementing both short-term solutions and long-term investments to ensure the City of Winnipeg is doing its part to prevent serious injury and death on Winnipeg streets. The RSSAP consists of 67 actions to help Winnipeg reach its goal of a 20 percent reduction in fatal and serious injury collisions over the next five years, with a long-term vision of a transportation system that allows people of all ages and abilities to safely move around without experiencing death or serious injury. Actions are grouped within five focus areas:

- Pedestrians
- Cyclists
- Signalized intersections
- Speed
- Road safety culture

ITE Manitoba also announced its new Board members for 2023 at the ABM. Starting on January 1st, 2023, the Board consists of:

- President - Rebecca Peterniak (acclaimed)
- Vice President - Steven Wood (acclaimed)
- Secretary - Mark Hearson (acclaimed)
- Treasurer - Karalee Klassen-Townsend
- Past President - Steven Florko (acclaimed)
- Director - Steven Wood

ITE Manitoba is excited to kick-off more Section events in 2023, and continues to plan for the ITE Canada/CARSP 2023 Joint Conference in Winnipeg from June 4-7, 2023. Visit the conference website (conference.itecanada.org/) for all conference-related information and stay tuned for future emails with more details! 



Rebecca Peterniak, Community Traffic Engineer for the City of Winnipeg (above) and Dr. Jeannette Montufar (below) present on the Winnipeg Road Safety Strategy Action Plan



ATLANTIC
CANADA

Happy new year from ITE Atlantic Canada!

Looking back on 2022, it was a great year for us out on the east coast. We were thankfully able to get back to holding in-person events on our regular schedule—spring in Halifax, and fall in Fredericton. Turnout was great at both events, which were both packed to the gills with interesting technical presentations from a broad spectrum of transportation professionals and students.

As a thank you to our members for sticking with us through the odd years of 2020 and 2021 when we couldn't gather in person, attendees at our spring session each received Yeti tumblers emblazoned with the (now retired) CITE logo, modelled below by our 2022 executive.

And as we do every year now, it was time to say thank you and goodbye to one member of the executive, as they shuffle their way through the structure. This year that means that Tanya Davis is moving on from ITE after many years of shepherding the region's transportation professionals through normal and quite a bit less than normal times. A huge thank you to her for all of her efforts along the way.

Of course, with the departure of one member, that means that we all shuffle up one step to take on new roles in the ITE Atlantic Canada team and we also get to welcome some new blood. Hannah McBride, a transportation engineer with Halifax Regional Municipality's Transportation Planning team, joins us this year all full of beans and raring to go as the new secretary/treasurer. Hannah will be joining the rest of the team, which includes Adam Lanigan (President), Courtney

Pyne (Vice President), Mark Gunter (Past President), and Greg O'Brien (Section Director).

Looking forward to this year, we are aiming to hold a mid-winter virtual event, a new tradition that we initiated through 2020 and 2021. Something to break up those winter blahs with a quick, inspirational lunch and learn style event. We'll be debating the topic and format of the event very soon, but it may involve a speaker from outside of the region (we can only listen to ourselves talk for so long) or potentially a student presentation showdown. From there, we will turn our eyes to the spring event in Halifax, which will be here before you know it. 🇨🇦



The outgoing 2022 Atlantic Canada Section Executive, left to right: Mark Gunter, Adam Lanigan, Tanya Davis, Greg O'Brien, Courtney Pyne

The U of M ITE Student Chapter is thrilled to provide you with an update on our activities from this past fall and winter. We successfully organized seven in-person events, including three guest lectures, an in-person social event, a networking event, a Christmas Cheer Board fundraiser, and a community outreach event.

Guest Speakers

We invited Morgan Glasgow for a presentation on November 16th. Morgan is the supervisor of Traffic Signals Systems at the City of Winnipeg and a past president of the U of M ITE Student Chapter. Morgan gave an overview of Winnipeg's traffic signals branch, the components of a traffic signals system, the basics of signal timing, and what signal timing engineers do. It was great to have a past president back to share their knowledge with us!



We invited Mark Reimer, Director of Business Development and Projects at Advanced Rail Management Corporation, for a presentation on December 6th. Mark included different railway engineering topics in his presentation like passenger rail noise and vibration and the wheel/rail interface. Thank you Mark for sharing your insights with our chapter.



We invited Dr. Jeannette Montufar, founding partner and CEO of MORR Transportation Consulting, to give a presentation to our chapter on January 20th. Dr. Montufar presented an overview of the Winnipeg Road Safety Strategic Action Plan, discussed how it was developed, and spoke about the safe system approach. Thank you Dr. Montufar for the excellent presentation!



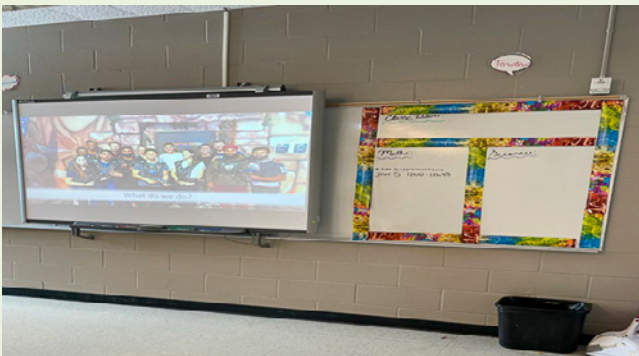
Networking Event

We hosted a networking event with undergraduate students, graduate students, and local transportation engineering professionals at King's Head Pub. The event offered a great opportunity to get out of the classroom and build a true understanding and connection in the transportation industry.



Community Events

Four U of M ITE Student chapter members gave three presentations about transportation engineering to grade 7 classes at Ecole Ness Middle School on November 24th. We explained the purpose of our student chapter, taught students about the different types of transportation engineering, did a hands-on reaction time activity, explained how train wheels work, and discussed transportation engineering projects in Winnipeg.



For our annual Christmas Cheer Board Fundraiser, we hosted a bowling night at Uptown Alley where students, friends and family duked it out in 5-pin bowling matches. All of the proceeds from the event were used to put together food hampers and purchase gifts for families in need.



Social Event

Student chapter members went to Across the Board Café during the November reading week to celebrate the end of midterms with board games. We played Code Names and Exploding Kittens and spent a lot of time chatting as some new members attended this event. The board games were fun and gave us a chance to get to know each other better!



After going through the long tunnel of COVID-19, the University of Windsor's ITE Canada Student Chapter has been working to establish a regular in-person transportation seminar series. We are thrilled to share our journeys of the last year, especially about newly elected executive members and international and interdisciplinary research cooperations.

New Executive Members Election 2023

Our unique tradition is that the previous year's vice president will take over the president role for the next year to operate the chapter smoothly. With tradition, Haesung Ahn has been taking over the president role, and Dhwani Shah and Saeideh Esmaeili were elected vice president and secretary-treasurer in October 2022.



Election meeting on
October 14, 2022

International and Interdisciplinary Research Cooperation

UWindsor Student Chapter had a wonderful opportunity to expand its research cooperation boundaries. Under a research project funded by South Korea's Ministry of Science, South Korean students have contributed to the global advancement in self-driving automobile technology. Statistics-based six students from

Ewha Womans University in Seoul, the largest women's university in the world, have stayed in the Windsor area and participated in parts of \$460,000 research projects. Learn more [here](#).

Both research sides: Transportation engineering and Statistics, have enhanced their academic abilities by exchanging their research knowledge. They have experimented using a driving simulator to collect drivers' behaviour data and analyzed it based on state-of-the-art statistical methodologies. Also, as a part of their project: machine learning research regarding identifying malware in Autonomous Vehicles (AVs) has been developed in cooperation with the computer science department at the university. All these international and interdisciplinary research cooperations have contributed to the chapter members' intellectual insights. They shared the project results during last week's chapter meeting with UWindsor members, and the executives reimbursed their presentation efforts by offering gift cards.



Monthly meeting on January 26, 2023



First speaker for driving simulator research



Second speaker for cybersecurity research in AVs



Honarium ceremony for the speakers

Upcoming Events

The chapter will hold monthly meetings and seminars to learn from each other by sharing research topics. Every speaker will receive gift cards, and this will encourage the members to participate in the chapter activities more eagerly. Also, the executives contacted the local firms: Windsor-Detroit Bridge Authority (WDBA), to visit the Gordie Howe International bridge construction site as a field trip. We are discussing the methods and time to visit there. The bridge is well known as one of the Windsor area's biggest projects related to transportation engineering. Maintaining a strong relationship between local academies and firms will create better cooperation opportunities and could offer students insights to develop themselves for their potential careers. 🇨🇦

In recent months, the University of Waterloo ITE UW ITE Student Chapter has undergone a radical transformation. Although the chapter has enjoyed almost continuous membership since its establishment in 1974, making it one of the oldest student chapters in Canada, recent events (including the global pandemic) have caused the chapter to become inactive. Several members of the transportation faculty decided that it was time the chapter was revived. They nominated several students in early 2022 to act as officers in order to encourage undergraduate and graduate students interested in transportation engineering to participate in the many activities the chapter is known for, such as holding academic seminars, guest lecturers, social events, organizing technical tours and visits, etc.

These students, which include President Reza Aminghafouri, Vice President Matea Ceric, Social Media Director Ida Liu and Treasurer Lucas Sobreira planned a series of activities that would promote the main objective of the student chapter, which is to attract and connect students to the profession of transportation engineering. They are mentored by several faculty advisors, namely Professor Christian Bachmann and Professor Liping Fu, both from the transportation department at the University.

In October 2022, the first activity was held. The chapter hosted an inaugural launch event in which all interested student members as well as the transportation faculty came together to learn what the ITE UW chapter was all about, network with each other, as well as enjoy some fun transportation trivia activities and a pizza party. This was a really successful event since many students showed interest in being a more involved chapter member.



Launch event on October 7, 2022

This prompted the executive members to expand the ITE UW Student Chapter committee. They realized that much more could be accomplished if more engaged students joined the team, and it would allow for better knowledge transfer and better continuation of Chapter activities once the current executive team completed their year long mandate. The new positions that were added to the existing team included an Undergraduate Representative, who would relay information to all undergraduate students regarding events, as well as Committee Volunteers, who would be involved in one of three areas: event coordination, media development and support, as well as treasurer support. A Secretary was also elected since the roles for this position were split amongst the four members. Elections were held in November 2022 and the new committee will begin assisting executive members in chapter operations starting January 2023.



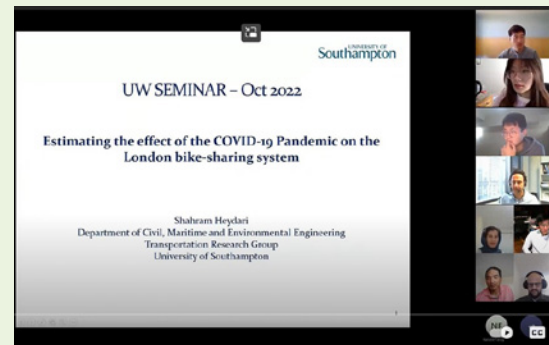
ITE UWaterloo Election Night

In addition, the UW ITE Student Chapter hosted a free visit to the Region of Waterloo traffic control centre, where more than 30 interested students learned about how the Region operates and manages all of its intersections. This was very insightful for the students as it connected them with engineers and planners in industry and prompted excellent discussion questions.



Finally, two transportation seminars were hosted by the student chapter. The first one was by Dr. Shahram Heydari, Assistant Professor in the Transportation Research Group at the University of Southampton in England who talked about their research project on “Estimating the Effect of COVID-19 Pandemic on the London bikesharing system”. His main research expertise and

interests are in transportation safety, travel demand, traffic related air pollution, and statistical modeling within transportation engineering.



The second seminar was part of a “Women in Transportation” talk series, in which the contributions of women in transportation are highlighted to the University of Waterloo students. The first speaker for this event is Maria Doyle, RPP, MCIP and who is the Senior Manager of Property Acquisitions for the Yonge North Subway Extension and the Scarborough Subway Extension projects at Metrolinx. She discussed her roles within these projects as a planner and talked about the inter-disciplinary nature of transportation projects in general.

The University of Waterloo ITE UW ITE Student Chapter is excited for the upcoming year and looks forward to hosting more events of similar nature within the chapter as well as networking with other student chapters. 🇨🇦

Happy new year from the ITE York U Student Chapter. We are very excited to share all the past events and festivities we have been up to, and are delighted to share our upcoming events. We successfully held numerous in-person and virtual seminars and trainings, social events, and our Annual Industry Night. Additionally, the ITE York U Chapter was the Student Chapter Monthly highlight in the ITE Student News January 2023 edition. Our Faculty Advisor, Kevin Gingerich; former Chapter President, Artem Solovey; current Chapter President, Adonai Garcia; and former Treasurer, Yashar Zarrin Zadeh shared their experiences on how ITE impacted their growth at university. If you would like to read more about our chapter's highlight, check out the January 2023 ITE Student News Archive [here](#).

We would also like to give a huge thank you to Esri (Environmental Systems Research Institute) Canada for being a gold sponsor and Association of Ontario Land Surveyors (AOLS) for being a silver sponsor to our chapter. They both have helped us with some of our events like GIS Day and Industry Night.

ArcGIS Software Training

To end October, ITE York U hosted a couple of events, starting off with an ArcGIS Software training. On October 21st, members learned how to make and analyze maps, and its data on ArcGIS. This training session was led by Krista Amolins, a higher education specialist (teaching and research) at Esri Canada. [Click here to check out how the event went!](#)

ITE York U takes on Halloween Haunt

After a wonderful day of learning ArcGIS, the York U Chapter visited Canada's Wonderland to take a break from midterms to get into the spooky Halloween season. We had a spectacular

time riding roller coasters, walking through scary mazes, and spending time with our members.

[Watch the event recap video here!](#)

Monthly Meeting with General Members

At the end of the month, on October 31st, we held a general members meeting. Our ITE York U members gathered to review the month and its events, and learned about upcoming events.

Toronto Traffic Control Center

To start off November, the chapter took a trip to the City of Toronto Traffic Control Center. They were given a tour of the facility, they learned how the control center operates, and they even got the opportunity to see all the cameras around Toronto.

GIS Day

On November 16th, ITE York U collaborated with the Geomatics club to celebrate GIS Day. Our main goal was to help people learn about the geography and the real - world applications of GIS that are making a difference in society. We had guest speakers from industry partners like ESRI Canada and AOLS, public sector partners, and researchers from York University, including presenters from our chapter, to showcase their work highlighting the importance of GIS.



Student Presenter speaking at GIS Day

World Day of Remembrance for Road Traffic Victims Seminar

On November 20th from 2 - 3 PM through zoom, ITE York U celebrated World Day of Remembrance for Road Traffic Victims. This year, ITE York U learnt from the experiences of those who were affected the most. The speakers for the seminar, Dr. Benjamin Colucci, who is from Puerto Rico, and Ph.D Candidate Yindhira Taveras, who is from the Dominican Republic, talked about their experiences with tackling road safety problems within their countries

Toronto Section Annual General Meeting (AGM)

On November 25th, the York Chapter assisted in hosting the Toronto Section Annual General Meeting (AGM), which was held at York University. It was a great opportunity to network with industry professionals and learn about what the Toronto Section has in store for the upcoming months.



ITE York U Student Chapter with members of the Toronto Section and Canadian District Executives

ITE York U Student Chapter Annual General Meeting (AGM)

Right after the Toronto Section AGM, ITE York U Student Chapter celebrated its own Annual General Meeting (AGM) at Timbers Lodge which is located at York University. We had a great time socializing with our members through eating nachos and playing darts. As well as, a special thanks to Dave Richardson who is an inspiring professional that ITE York U met at the CITE Conference in Vancouver, and is always willing to have a great time with us! [Click here to watch the recap video of both AGMs!](#)



ITE York U AGM at Timbers Lodge

Synchro Software Trainings

On November 28 and 29, ITE York U held their third synchro training where members were able to receive hands - on experiences on the software and learn how to model traffic flow and optimize traffic signal timing.

Urban Planning Seminar

Dr. Stefan Kipper and ITE York U joined together to host a seminar on December 1st on transforming all aspects of the transportation

sector which is crucial to tackling climate change. Students were able to learn about finding ways of disconnecting mobilities from fossil-fuelled modes of transportation. There were discussions about free transit, and how university programs do not discuss transit as much as it should. Thank you for sharing your insights on how to fight climate change within the transportation sector.

Annual Industry Night 2023

One of the bigger events that ITE York U hosted this year was our Annual Industry Night. On January 20th, ITE York U partnered with the Civil Engineers of Lassonde (CEL) and the Geomatics club to host our 3rd Annual Industry Night. We had over 100 students, and gathered about 10 companies for students to network with. This was a great opportunity for students to talk to companies, receive some advice, and learn from the experiences of those who are a part of the Civil Engineering industry. Thank you to all our sponsors, especially R.V. Anderson Associates Limited for being a platinum sponsor.



GeoVerra presenting at Industry Night



Group photo with industry partners and students at Industry Night 2023

Monthly Graduate Sports League

On November 27th, ITE York U Graduate Students participated in a seated volleyball tournament with other York Graduate Students. They had a blast learning how to play seated volleyball, and on January 21st, they learned how to play cricket.



York University students representing ITE at the Graduate Sports League

Deployment and Impact of Connected and Automated Vehicles Seminar

On January 26th, ITE York U hosted an online seminar with Barrie Kirk on Connected and Automated Vehicles (CAVs). Barrie is an executive director of the Canadian Automated Vehicles Centre of Excellence (CAVCOE). He speaks regularly at public and private conferences including topics such as smart cities, transportation, vehicle fleet operators and real estate. Thank you Barrie for speaking on this innovative topic to our members.

Upcoming Events

Metrolinx Seminar

In the week of February 13th, Metrolinx will be coming to York University to host a seminar. They will be discussing some of the fascinating projects they are currently working on, such as the Hurontario Light Rail Transit and how it will be energized by a Traction Power Substation (TPSS).


Pub Night

At the end of February, the ITE York U Student Chapter will be collaborating with the Lassonde Engineering Society (LES) to host a pub night. It is a time for students to relax, eat some food, and have fun.

Hack ITE 2023

The ITE York U Student Chapter is currently in the midst of planning for our 2nd Annual Hackathon! Last year, we hosted a 3-day hackathon in May that brought together over 45 participants from York University to solve the most difficult sustainable mobility challenges. We had 7 sponsors including SARIT, Ministry of Transportation (MTO), and the City of Toronto. This year we are looking to expand our hackathon to include more students, more collaborations, and more sponsors! If you would like to partner or sponsor with us on our hackathon, please email us at iteyorku@gmail.com.

More Information

Please let us know if you would be interested in speaking at one of our seminars/events or if you are interested in sponsoring us. You can email us at iteyorku@gmail.com or visit us on one of our social media pages (@ite.yorku). 

The University of New Brunswick's ITE Student Chapter has been actively involved in many transportation related events. The group has undergone a transformation following the pandemic and is back to hosting and organizing presentations, tours and other activities.

To kick-off 2022, the ITE Student Chapter, students went bowling at The Drome by Trailway, on Friday, September 23rd. The event was a team bonding experience and allowed for students to meet and hangout outside of normal school hours. In attendance were mainly graduate students from UNB's Transportation Group.



On Thursday October 13th, 2022, students received a presentation from Mark Gunter. Mark is Past President of the ITE Atlantic Chapter and Vice President of EXP Atlantic (an engineering consulting company). He also is a two-time graduate from UNB, holding a bachelor's degree in civil engineering and a master's degree in transportation and highway engineering.

The presentation focused on the benefits of ITE membership and how it can further professional development. Both undergraduate and graduate students were in attendance.



Kate Whitfield provided the ITE Student Chapter with a presentation on the transportation industry and career building. She is a former graduate from the University of New Brunswick's engineering undergraduate program and has a master's degree in urban planning from Queen's University. Kate is also the Principal Engineer and Planner at Alta Planning + Design based out of Ottawa and specializes in active transportation.



The presentation provided the group with career tips, advice, and insight into the private engineering/planning sector.

On November 18th, 2022, the ITE Student Chapter visited Fredericton International Airport for a technical tour. Students were able to see and learn about the operations, maintenance and logistics involved at the facility.



The ITE Atlantic Fall Technical Session occurred in Fredericton, New Brunswick on Thursday November 24th, 2022. This gave students the opportunity to meet many industry professionals and network. At this event, the UNB Student Chapter fundraised \$520 through a raffle and the Atlantic Chapter provided an additional \$500 to help fund activities for the remainder of the year.

Many students from UNB's Student Chapter were in attendance and two students provided presentations related to their graduate thesis projects.



Riley Taweel presenting "Using Surrogate Collision Analyses to Determine Optimal Pavement Markings for Roundabouts".



Kristen Burns presenting "Modelling Active Transportation in Fredericton with the 4-Step Model".

An ITE Secret Santa social event was organized by UNB's Student Chapter before the holiday school break. The social event was hosted at The Snooty Fox. The event allowed for team building and provided a chance for students to discuss potential events for the following term.



The Group has several activities planned for the remainder of the semester, such as a technical tour of the Port of Saint John, an oxford style debate, fundraising events, and presentations.



ITE Canada extends a warm welcome to our newest members!

Geoff S. Abma, MEdes, RPP, MCIP, Town of Oakville, Oakville, ON

Adam Adam, Lakehead University, Thunder Bay, ON

Pamela N. Ajoku, City of Calgary, Alberta, Calgary, AB

Santo O. Alexander, MCHIT, WSP Canada, Scarborough, ON

Mohammad Amin Ashena, University of Calgary, Calgary, AB

Michelle Babiuk, MCIP, TransLink, Vancouver, BC

Christian Bachmann, University of Waterloo, Waterloo, ON

Scott Bagg, RPP, MCIP, City of Kingston, Kingston, ON

PJ Bell, RPP, MCIP, Urban Systems, Vancouver, BC

Ladan Berahman, University of Toronto, Toronto, ON

Tyson R. Boylan, RPP, MCIP, City of Lethbridge, Lethbridge, AB

Bradley Bravender, University of Alberta, Edmonton, AB

Kristen Sarah Amanda Burns, University of New Brunswick, Fredericton, NB

Abby Cartwright, UNB, Fredericton, NB

Adriana Ceric, University of Waterloo, Waterloo, ON

Mandy Wing Yin Chan, RPP, MCIP, CET, City of Fort Saskatchewan, Fort Saskatchewan, AB

Monica Chen, E.I.T., York Region Traffic Safety Group, East Gwillimbury, ON

Alfred Cheng, EIT, HDR, Mississauga, ON

Carl Cheung, P.Eng. M.A.Sc, York Region Traffic Safety Group, East Gwillimbury, ON

Fernando Chua, City Of Hamilton - Traffic Operations and Engineering, Hamilton, ON

Natalie Chui, Thornhill, ON

Jeremy Cohen, EIT, Arcadis IBI Group, Toronto, ON

Hannah Coldwell, UNB, Fredericton, NB

Tricia Collingwood, MCIP, RPP, Town of Oakville - Planning Services Dept, Oakville, ON

Derek Corning, City of Kelowna, Kelowna, BC

Nelson Costa, York Region Traffic Safety Group, East Gwillimbury, ON

Julie Cournoyer, City of Edmonton, Edmonton, AB

Matt Craig, RPP, MCIP, TransLink, New Westminster, BC

Adrian D'Avella, Thunder Bay University, Toronto, ON

Jeffrey Dai, University of Waterloo, Waterloo, ON

Habib Raymond Debly, University of New Brunswick -, Fredericton, NB

Jessica Deng, University of Waterloo, Waterloo, ON

Jihao Deng, University of Waterloo, Waterloo, ON

Danielle N. DeVries, City of Vernon, Vernon, BC

Mary V. Dimas, Town of Oakville, Toronto, ON

Yongjia Du, RPP, UBC, Vancouver, BC

Olivia A. Falcone, MCIP, RPP, WSP in Canada, Oakville, ON

Lefu Fang, University of Waterloo, Toronto, ON

Jeremy S. Finkleman, WSP, Thornhill, ON

Sebastien Fournier, Nova Scotia Dept. Of Transp. & Infrastructure Renewal, Halifax, NS

Daniel Freeman, CIP RPP, TransLink, Vancouver, BC

Qian Fu, P.Eng., City of Calgary, Alberta, Calgary, AB

Austin Gee, E.I.T., Saskatchewan Ministry Of Highways And Infrastructure, Saskatoon, SK

Filippos Gkekas, RPP, MCIP, Watt Consulting Group, Vancouver, BC

Devin Godin, University of New Brunswick, Fredericton, NB

Brandon A. Gustafson, Ministry of Transportation and Infrastructure, Kamloops, BC

Micha L. Gutmanis, WSP Canada, Toronto, ON

Dhafir Hameed, City Of Hamilton - Traffic Operations and Engineering, Hamilton, ON

Logan Harris, University of New Brunswick, Moncton, NB

Ian Hosler, City of Edmonton, Edmonton, AB

Kim Hunton, P. Eng., WSP Canada Inc., Ottawa, ON

Felize L. Ilao, Ministry of Highways, Regina, SK

Lotanna Abuadimma Iloekwe, University of Alberta, Edmonton, AB

Eliza Jackson, MCIP, LPP, Halifax Regional Municipality, Dartmouth, NS

Josh J. Kamil, Infrastructure Victoria, Melbourne, VIC

Bogdan Kapatsila, University of Alberta, Edmonton, AB

Alexi J. Katsanis, Access Planning, Montreal, QC

Noah Austin Ryley Kelly, Stantec, Calgary, AB

Hamza Khalid, York University, Toronto, ON

Rehan Hasan Khan, University of Calgary, Calgary, AB

Ross T. Kilgour, MRTPI, City of Lethbridge, Lethbridge, AB

Hanita Koblents, MCIP, CSLA, Halifax Regional Municipality, Halifax, NS

Peter Jonathan Kroeker, Stantec Consulting Ltd., Saskatoon, SK

Brayden Lawless, University of New Brunswick, Fredericton, NB

Chantal Sum Tao Lee, LEA Group, Toronto, ON

Natalie Lee, University of New Brunswick, Fredericton, NB

Joel Lethaby, University of Calgary, Calgary, AB

Zvi Leve, RuePublique, Montreal, QC

Jiutang Liu, City of Kelowna, Kelowna, BC

Youjia Liu, Ministry of Transportation Ontario, London, ON

Kouresh Lotfi, Imen Penam Consultant Co., Edmonton, AB

David Lukezic, LEL, RPP, WSP, Toronto, ON

Roxanne A. Lypka, WSP, Toronto, ON

Lisa Ma, E.I.T., Arcadis IBI Group, Toronto, ON

Kate MacLean, University of New Brunswick, Fredericton, NB

Abdulrahman Madani, 30 Forensic Engineering, Toronto, ON

Eldin Malkic, University of Waterloo, Waterloo, ON

Emmanuel Mamvura, MLEO,CP, City of Toronto, Toronto, ON

Prannavi Manoj, MX, Toronto, ON

Chris McCafferty, City Of Hamilton - Traffic Operations and Engineering, Hamilton, ON

Caysie McInnes, University of New Brunswick, Fredericton, NB

Tyson B. McShane, RPP, MCIP, City of Saskatoon, Saskatoon, SK

Alex Minor, University of Manitoba, Winnipeg, MB

Nolan Mizeracki, Winnipeg, MB

Jay Modi, Toronto Metropolitan University, Toronto, ON

Tasnim Mohamed, Ryerson University, Toronto, ON

William Robert Morrison, University of New Brunswick, Fredericton, NB

Usama Mudassar, University of New Brunswick, Fredericton, NB

Becca Nagorsky, Metrolinx, Toronto, ON

Lavina Ng, University of Toronto, Toronto, ON

Matthew Nikkel, University of Manitoba, Winnipeg, MB

Sehee Oh, Arcadis IBI Group, Toronto, ON

Bobby Popovich, City Of Hamilton - Traffic Operations and Engineering, Hamilton, ON

Eric A. Post, Mobycon Corp., Ottawa, ON

Giovanni Priori, Lakehead University, Thunder Bay, ON

Kenny Qi, Vancouver, BC

Ramiya Rajalingam, BURPI, Arcadis IBI Group, Kitchener, ON

Zoha Rashid, Lea Consulting, Mississauga, ON

Marc Pascal Ricciuti, Waterloo, Waterloo, ON

Barry Riordon, University of New Brunswick, Fredericton, NB

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Regional Municipality, Halifax, NS*

Joelle Rompre, URB, OUQ, WSP, Eastman, QC

*Adam Chaim Rosenblum, University of Waterloo,
Waterloo, ON*

*Nora Ruiz Salom, University of New Brunswick,
Fredericton, NB*

*Milad Sashurpour, Concordia University,
Montreal, QC*

*Max Schiff-Malins, McMaster University,
Niagara-On-The-Lake, ON*

*Zahra Sedaghat, University of New Brunswick,
Fredericton, NB*

*Abdul Shaikh, City Of Hamilton - Traffic
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Edmonton, AB*

*Alyssa Soldo, University of Waterloo, Waterloo,
ON*

*Tyler Somers, University of New Brunswick,
Fredericton, NB*

*Juliet Spalding, AICP, BC Ministry of
Transportation & Infrastructure, Nelson, BC*

Peter Stair, LEED A, TransLink, Vancouver, BC

Melissa Stickland, City of Kelowna, Kelowna, BC

*Mark Stout, P.Eng., City of Edmonton, Edmonton,
AB*

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BC*

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*Jonathan Walker, LEA Consulting Ltd., St.
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*Bryan Whited, P.Eng., City of Edmonton,
Edmonton, AB*

*Olivia Katherine Grace Wiper, McMaster
University, Hamilton, ON*

*Andrew Wong, University of Waterloo, Waterloo,
ON*

*Simon M. Wong, MCIP, RPP, City of Vancouver,
Vancouver, BC*

Dwight Wright, City of Vernon, Vernon, BC

*Brad Wylie, City Of Hamilton - Traffic Operations
and Engineering, Hamilton, ON*

*Mohamed Younes, Lakehead University, Thunder
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