



# Institute of Transportation Engineers **TORONTO SECTION**

2018 Annual Report

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*2019 ITE Toronto Section Past President*

**MARCH 1, 2019**



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## 1. 2018 ITE TORONTO SECTION EXCLUSIVE SUMMARY

ITE Toronto Section (a.k.a. ITE TO) is the largest Section of Canadian Institute of Transportation Engineers (CITE). This section will provide an overview of what our Section accomplished within 2018, with further details provided later in this report.

### 1.1. Section Executive

ITE Toronto Section kicked off 2018 with three important goals:

- Increase student support
- Become consistent with CITE, publishing Section's information, promoting past and future events and storing newsletters
- Conduct a survey across the membership and program events accordingly

The following amazing executive supported ITE Toronto Section to successfully achieve all three goals:



### 2018 ITE TO Executive Team



Farhad Shahla  
President



Amy Jiang  
Vice President



Kelsey Waugh  
Secretary



Jason Dahl  
Treasurer



Mike McConnell  
Communications



Behzad Rouhieh  
Activities Coordinator



Sean Nix  
Past President

ITE Toronto has played a key role in promoting the field of transportation in the local universities and colleges. In 2018, the section specifically took on new measures to meet its goal of increasing student support. The section successfully met this goal by prompting and supporting more remote student chapters, supporting establishment of new chapters and more importantly by lowering cost to attend or free in many instances.



Furthermore, ITE Toronto's mandate is to pursue continuous improvement; a successful 2018 would only mean maintaining what has been achieved, building on it and strive for even more successful years in the future – all towards what the membership needs, in particular the student membership.

## 1.2. Achievements

Some of the section's key highlights in 2018 are listed below:

- ✓ Conducted a comprehensive membership survey early 2018 and have completed addressing many of the inquiries received, with the rest in planning phase for 2019
- ✓ Executed and supported **15** events, from which more than **40%** were free to all participants and close to **60%** were **free** to all students
- ✓ Attended **44** meetings and conferences
- ✓ Handed out **15** awards and certificates
- ✓ Supported the newly established Lakehead University ITE Student Chapter by organizing and sponsoring a technical/social event in Thunder Bay, ON.
- ✓ Supported founding of York University ITE Student Chapter
- ✓ Leveraged on CITE's general website to publish past and upcoming events, store archived information and to benefit from a stream-lined registration and payment process
- ✓ Improved social media presence that is sustainable and practical
- ✓ Boosted awareness and recognition of CITE Lakehead University Student Chapter
- ✓ Support founding of the new CITE York University Student Chapter.

## 1.3. Membership

The latest ITE Toronto Section membership report was received from ITE in Feb 2019. The detailed breakdown is presented below:

Membership Type	Number
Life (prepaid, retired)	50
Fellow	37
Member	425
Student	291
<b>TOTAL</b>	<b>803</b>

## 1.4. Communications

A major shift in 2018 was leveraging on CITE's general website to store Toronto Section's activities, publishing section's past and upcoming events, access to the newsletters archive and additional material such as presentation slides and as well as giving easy access to student chapter affiliates.

Due to increased attendance at many of the Section's key events, we explored with CITE a more stream-lined process for events registration and payment handling.

We further improved our social media presence, in a more practical and sustainable way, when reaching out to our mailing list.

The Section continued using The Junction – Section's quarterly newsletter as means of pushing information to its membership, capturing details on past and upcoming events,



news relating to student chapters, local events and CITE news. In 2018, four newsletters were issued to the membership.

The Section effectively used individual e-mail blasts to promote and highlight individual events regarding their fast approaching dates or informing of any last minute updates.

### 1.5. Meetings

In 2018, executive meetings generally fell under 4 major categories: event meetings, recurring meetings attended by the entire executive, project specific meeting dedicated to specific projects and CITE Board meetings and conference calls.

Meeting Type	Number
Events	15
Recurring executive conference calls	12
Project Specific conference calls	8
In-person executive meetings	3
CITE Board In-Person meeting	1
CITE Board Conference calls	5
<b>TOTAL</b>	<b>44</b>

### 1.6. Awards

In 2018 the section handed out 15 awards and certificates during different events throughout the year. Below is a summary of these awards:

Award Type	Number
Project of the Year Award	1
President's Award	1
Past President Certificates	2
Lifetime Membership Certificates	4
Appreciation Certificates	4
Section Award	1
Student Presentation Competition Award*	2
<b>TOTAL</b>	<b>15</b>

*Includes winners of graduate and undergraduate competition. Note that 2<sup>nd</sup> and 3<sup>rd</sup> place finalists also received awards\**

### 1.7. Financial Statement | Summary

Below is a summary of our 2018 fiscal year. It is an ongoing goal for the section to reduce its overall balance over the next 5+ years through ongoing support of the local Student Chapters. ITE Toronto successfully reduce its balance by approximately \$650 in 2018.

2018	Balance
Beginning of the Year	\$20,566.76
End of the Year Dec 31, 2018	\$19,909.86



### 1.8. Section Events | Summary

More than 550 individuals attended 15 events either organized or supported by Toronto section in 2018. Summary of events per category and number of participants per event follows:

Event type/name	Date	Location	Attendees
<b>Technical tours</b>			
- Mississauga Transitway Tour	June 28, 2018	Mississauga	15
- Eglinton Crosstown Tour	Sep 21, 2018	Toronto	40
<b>Technical Workshops</b>			
- CCG Workshop (2 sessions)	July 9 & 10, 2018	Toronto	35
<b>Technical/Social Event</b>			
- Data Analytics and Evening Social event: Joint with YTP Toronto	Nov 1, 2018	Toronto	70
<b>Breakfast sessions</b>			
• 2017 ITE Toronto Project of the Year: Credit River	Mar 1, 2018	Mississauga	12
• Introduction to CCG for Signalized Intersections	Apr 24, 2018	Toronto	24
<b>Luncheons</b>			
• Spring Luncheon	Apr 5, 2018	Toronto	50
• Multi-Modal Transportation Analysis – Panel Discussion	Oct 10, 2018	Toronto	40
• Christmas Luncheon and Annual General Meeting	Dec 7, 2018	Toronto	130
<b>Associated with ITE Student Chapters</b>			
- York University Student Chapter		Toronto	n/a
- Lakehead University Chapter event	Nov 30, 2018	Thunder Bay	30
<b>Supporting Students and Young Professionals</b>			
- 10 <sup>th</sup> Annual Joint ITE Student Presentation Competition and Job Fair	Mar 9, 2018	London	n/a
• Annual Student-Industry Mixer @ UofT	Mar 14, 2018	Toronto	n/a
- Traffic Bowl Trivia Night	Apr 25, 2018	Toronto	n/a





## 2. 2018 ITE TORONTO SECTION AND CHAPTER EXECUTIVE

ITE Toronto Section, the largest section in Canadian District, hosts many events each year including two luncheons, one in spring and the Annual General meeting luncheon just before Christmas of each year. In addition to these key recurring functions, the section initiates, supports and participates in a variety of technical and social events with a mandate to support the section membership by sharing knowledge, expertise and experience in the transportation field.

### 2.1. University of Toronto Chapter

The Section collaborated with the following executive at University of Toronto ITE Student Chapter in 2018:



#### UofT ITE Student Chapter Executive

Laura Minet	President
Jason Hawkins	Financial Executive
Ran Tu	Web Master
Patrick Loa	Social Media Director
Luna Xi	Seminar Director

### 2.2. Ryerson University Chapter

The Section collaborated with the following executive at Ryerson University ITE Student Chapter in 2018:

#### Ryerson ITE Student Chapter Executive

Dr. Bilal Farooq	Chapter Advisor
Kim Kritzer	Admin contact
Ian Lindley	President
Joshua Thompson	Vice-President
Zian Liu	Treasurer
Michael Muliana	Secretary



### 2.3. York University Chapter

The Section collaborated with the following executive at York University ITE Student Chapter in 2018:



#### York ITE Student Chapter Executive

Erik Nevland	President
Anson Thomas	Vice President
Davin Utama	Secretary
Ravichandra Rampure	Treasurer
Crystal Wang	Social Director
Dr. Kevin Gingerich	Chapter Advisor

## 2.4. Lakehead University Chapter

The Section collaborated with the following executive at York University ITE Student Chapter in 2018:

Lakehead ITE Student Chapter Executive	
Jeff Pascua	President
Maninderjit Chana	Vice President
Irys Adom	Secretary
Katrine Jomaa and utkarsh Singh	Treasurer
Swaraj Ahluwalia	Event Coordinator
Dr. Juan C. Pernia	Chapter Advisor

## 3. COMMUNICATIONS

More

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The Toronto Section hosts many events each year including two luncheons (Spring and Christmas) along with technical seminars and social events throughout the year. Several student events are planned each year to help promote the field of Transportation in our local Universities and Colleges.

[Check out our upcoming and past events](#)

### Interesting Trivia:

The Toronto Section is largest in the Canadian District

### General Information

Year Founded:	1974
Membership:	761
Area Served:	Metropolitan Toronto and all other portions of Ontario not covered by separate Section Charters
Elections:	Every year (December)
Student Chapter(s):	Ryerson University University of Toronto York University Lakehead University
Email:	<a href="#">General Information</a>
Latest Annual Report:	 <b>2015 Toronto Section Annual Report</b> 2.84 MB & 114 downloads <a href="#">DOWNLOAD FILE HERE</a> 2015 Annual Report for the Toronto Section. ...
Newsletters:	 2018 - 12 Toronto Newsletter  2018-09 - Toronto Newsletter  2018-06 Toronto Newsletter  2018-02 Toronto Newsletter

### Current Executive

President:	<a href="#">Amy Jiang</a>
Vice President:	<a href="#">Kelsey Waugh</a>
Secretary:	<a href="#">Jason Dahl</a>
Treasurer:	<a href="#">Mike McConnell</a>
Communications Coordinator:	<a href="#">Behzad Rouhieh</a>
Activities Coordinator:	<a href="#">Revanth Redla</a>
Past President	<a href="#">Farhad Shahla</a>

A major shift in 2018 was leveraging on CITE's general website to store Toronto Section's activities, publishing section's past and upcoming events, access to the newsletters archive and additional material such as presentation slides and as well as giving easy access to student chapter affiliates. Toronto Section's new look using CITE webpage is shown below.

Due to increased attendance at many of the Section's key events, we explored with CITE a more stream-lined process for events registration and payment handling. We further improved our social media presence, in a more practical and sustainable way, when reaching out to our mailing list.

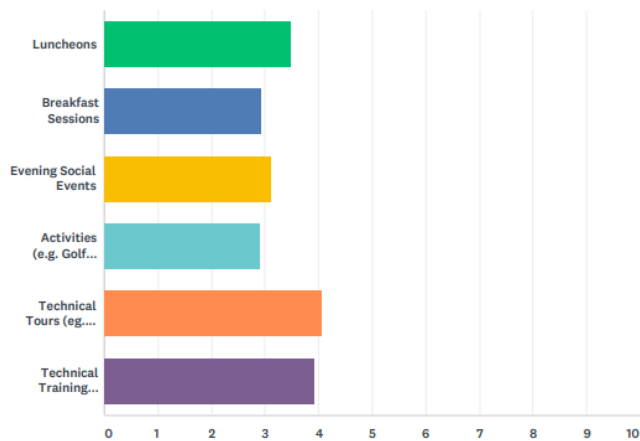


The Section continued using The Junction – Section’s quarterly newsletter as means of pushing information to its membership, capturing details on past and upcoming events, news relating to student chapters, local events and CITE news. In 2018, four newsletters were issued to the membership. The format of The Junction was updated in early 2017.

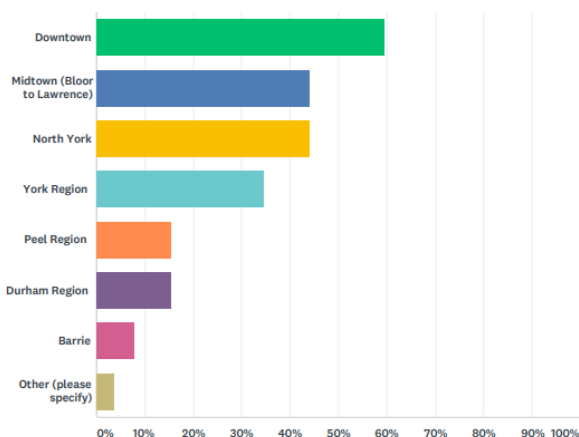
The Section effectively used individual e-mail blasts to promote and highlight individual events regarding their fast approaching dates or informing of any last minute updates.

#### 4. SURVEY

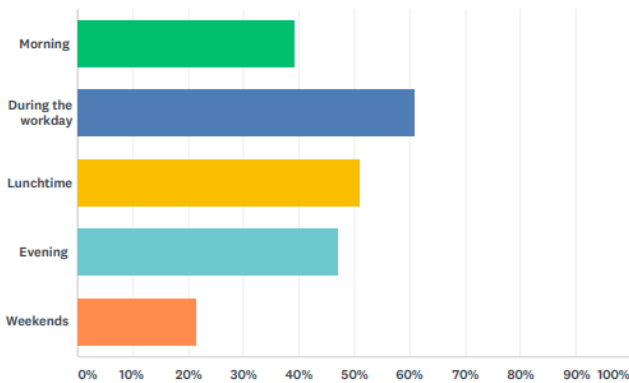
In February 2018, for the first time in many years, the section reached out to the membership requesting their feedback for events that they were interested in attending or participating. The survey was conducted early enough to inform Toronto executive while creating events for the upcoming year. The results of the survey significantly impacted and may continue to direct us programming events. Some key findings of the Feb 2018 survey are presented below:



Technical tours and technical trainings amongst the top two events most requested. In 2018 the section successfully executed two technical tours and conducted major planning to hold a technical training in 2019.



Downtown Toronto was the first choice of location for the section to hold events, followed by Midtown and North York. The locations selected for the section’s 2018 events responded to this need.



During the workday hours (later in the morning) appeared to be the most convenient for members to attend the section events, followed by lunch times and evenings. Most events in 2018 were programmed to meet this requirement.

The survey captured topics of interest across the membership, many of which were captured during 2018, and the rest in planning for 2019. The main topics in interest include:

Topics of Interest
Active Transportation
Vision Zero
Multi-modal Analysis
Smart Cities High Occupancy
Tolling
TSP implementation for microsimulation tools
High Speed Rail
Airport Transportation Hub

The survey went further and inquired if there were any opportunities the section should have pursued and the following were returned:

Other comments
Airport tour (Do it again!!)
Better connection with more remote student chapters
Multi-modal Analysis
More advanced notice

Outreaching to remote student chapters such as ITE Lakehead University Chapter was a major initiative by the section which took place in 2018. The section organized a multi-modal discussion panel in 2018 which was very well received; details be found below. Details on this success story can be found below. The operation tour at Pearson International Airport has been a successful event for many years and the section is working to schedule it again in 2019.



In 2018 the section started drafting a process document which outlines all task required from planning to execution of an event. The process document included the necessary advanced notifications to respond to that the survey revealed to us.

## 5. EXECUTIVE MEETINGS

In 2018, executive meetings generally fell under 4 major categories: event meetings, recurring meetings attended by the entire executive, project specific meeting dedicated to specific projects and CITE Board meetings and conference calls.

Meeting Type	Number
Events	15
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Project Specific conference calls	8
In-person executive meetings	3
CITE Board In-Person meeting	1
CITE Board Conference calls	5
<b>TOTAL</b>	<b>44</b>

### 5.1. Recurring meetings

Toronto Section executive kicked off 2018 with an in-person meeting to brainstorm the overall plan for 2018, including recurring and new events, tentative dates, resource allocation, possible venues and target audience. The section specifically discussed events geared towards student support and engagement, student chapter outreach and recognition. Other important items discussed included building on CITE webpage, enhancing section's social media, strengthening section's documentation on Google Drive, reaching out to senior CITE and past section presents seeking input and preliminary survey discussions.

The remainder of 2018 was based on recurring conference calls, once per month as opportunities for the executive to review the past and touch base for the upcoming short term and long term future tackling our tentative events list. These meetings were held to ensure all executive is aware of their roles and responsibilities for the planning of the upcoming events, and confirm if additional support was required.

The post Annual General Meeting in December 2018 was a great opportunity to celebrate success in 2018 and discuss high level what we hope to achieve in 2019 before closing down for Christmas holidays.

### 5.2. Project Specific meetings

Many of the events in 2018 required specific task forces to work with external entities to plan and executive events. For such events separate ongoing conference calls were in place to ensure quality delivery of the function. The section facilitated launching off a new student chapter under Toronto Section; ITE York University Student Chapter was successfully launched in 2018.

### 5.3. CITE Board In-person meeting and Conference Calls

In 2018 Section president attended the CITE Conference in Edmonton and board meeting on June 3, 2018 in which a verbal presentation of section activities in 2017 was delivered. In the meeting matters relating to CITE and ITE were discussed; it was further discussed how recent changes could impact Canadian District sections.

ITE Toronto attended all CITE Board conference calls in 2018.

## 6. EVENTS DESCRIPTIONS

Consistent with previous years, section activities in 2018 consisted of events organised to benefit the members of the section as well as non-members who have an interest in transportation and also monthly executive meetings in which programming of upcoming events were discussed. Section events in 2018 included those:

- initiated by the section as workshops, tours or sessions,
- developed to promote and support student chapters and,
- held in collaboration with other professional entities to ultimately
- benefit the local transportation community.

A detailed description of events in 2018 is provided below:

### Breakfast Session

#### Credit River Active Transportation Crossings, City of Mississauga

*Thursday, March 1st, 2018 @ 8:30AM*

*300 City Centre Dr, Mississauga, ON L5B 3C1 (Committee Room B)*

Dana Glofcheskie and Leslie Green presented the 2018 Toronto Section Project of the Year Award winning project of Credit River Active Transportation Crossings in City of Mississauga. Dana is a Professional Engineer and is a Transportation Project Engineer within the Transportation and Works Department at the City of Mississauga. She has over 10 years of experience in transportation planning industry. Leslie is a Professional Engineer and is the Manager of Technical Services within the Transportation and Works Department at the City of Mississauga. She has over 10 years of experience in transportation planning.



The Credit River Active Transportation Crossings project is an exciting project demonstrates a multi-level government collaboration between the Ontario Ministry of Transportation, Region of Peel and the City to advance key multi-modal initiatives. The recommended plan illustrates an innovative design to building a beautiful, sustainable city with safe neighbourhoods that support strong, connected and vibrant communities, where residents value the beauty of the natural environment, engage in active transportation, and support a rich, healthy and prosperous social and cultural mosaic. The proposed crossings include a north-south AT crossing of the QEW at Stavebank Road and an east-west AT crossing of the Credit River. These crossings will be important to the connectivity of the City's AT network including significantly enhancing connections to the existing and planned trail network. Specifically, these crossings provide critical links along the hydro corridor trail, which is ultimately envisioned to traverse the entire length of the City from Halton Region to the City of Toronto.

### **Students and Young Professionals**

#### **10th Annual Joint ITE Section Student Presentation Competition and Job Fair**

*Friday March 9th, 2018 @ 6:00pm*

*Western University 1280 Main Street West, London, ON*



The Toronto, Hamilton, and Southwest Ontario sections' Joint Technical Presentation Competition for Students is a unique event organized annually by the Canadian Institute of Transportation Engineers (CITE) to help foster interest in the field of transportation. The competition offers students an opportunity to present a topic of interest in transportation before their peers and practising transportation professionals.

While technical competence is an important element, the primary focus of the competition is on the ability to present effectively to one's peers and the public.

The winner in the graduate category was Anjie Liu from the University of Waterloo for her presentation on Towards Using Traffic Data to Estimate Vehicle Emissions in Real Time. The winner in the undergraduate category was Samantha Leger from the University of Waterloo for her presentation on Evaluating emerging technologies (through the form of electric-bicycles or "e-bikes") as a tool to address transportation gaps that currently inhibit lifelong mobility and aging in place.

Other participants include Joseph Dominicis from McMaster University, Eric Bentzen-Bilkvist from Mohawk College, and Dhwani Shah from the University of Windsor.



## Supporting Students and Young Professionals Annual Student-Industry Mixer

University of Toronto  
Wednesday March 14, 2018

The University of Toronto's Student Chapter of the Institute of Transportation Engineers held their annual Student Industry Mixer on Wednesday March 14, 2018. The mixer is an evening of networking that gives U of T transportation engineering students as well as other local schools and industry professionals an opportunity to connect and exchange experiences and insights. In addition, in general it gives companies an opportunity to advertise employment opportunities and meet graduating students who may be good candidates for these positions.



## ITE Toronto 2018 Spring Luncheon Human Factors Issues with Semi-Automated and Automated Vehicles

Thursday, April 5th, 11:00am - 2:00pm  
The Hart House, 7 Hart House Circle, Toronto, Ontario

Dr. Alison Smiley, President of Human Factors North Inc., a Toronto-based human factors engineering consulting company, presented on Human Factors Issues with Semi-Automated and Automated Vehicles. She holds a PhD (1978) in Systems Design Engineering, specializing in Human Factors. She is an adjunct professor in the Department of Mechanical and Industrial Engineering at the University of Toronto where she has taught courses in human factors for over 30 years.



This year's Spring Luncheon was held at historic Hart House on the University of Toronto campus and was co-hosted by the ITE Toronto student chapter. A capacity crowd of approximately 70 people were in attendance. Our guest speaker, Dr. Alison Smiley spoke about human factors issues with autonomous & semi-autonomous vehicles. She discussed recent human factors research in this field including

challenges, key findings, and future areas of research.



## Breakfast Session Key Objectives and Strategies of the CCG Project

*Tuesday, April 24, 2018*

*40 St. Clair West, 3<sup>rd</sup> Floor, Room A*

ITE Toronto Section and the CITE Traffic Engineering Subcommittee hosted a session to discuss recent exciting initiatives related to the *Canadian Capacity Guide for Signalized Intersections* (CCG).

This breakfast session covered the key objectives and strategies of the CCG Project. Speakers Margaret Briegmann, P.Eng. and Ryan Sankar, P.Eng. discussed how the methodology has evolved over the years along with some of their experiences and highlights of its recent inclusion in PTV Vistro. There was a roundtable discussion on the future of the CCG, including potential short and medium-term updates to the guide. This was an informative stand-alone session, as well as a useful complement to the in-depth, full day training in July 2018.



Ryan has 12 years of experience in public and private sector transportation planning. Margaret has 17 years of experience in private sector transportation planning, and she has been involved with the CITE Traffic Engineering Subcommittee for 10 years.

## Supporting Students and Young Professionals

### 5th Annual Traffic Bowl Trivia

### Night

*Wednesday, April 25th, 2018*

*University of Toronto*

University of Toronto ITE Student Chapter (UT-ITE) hosted its 5th annual inter-chapter Traffic Bowl prep session this past July. Students from U of T, McMaster, Mohawk College, and Ryerson University met at U of T for an evening of transportation trivia and socialising.



## Technical Tour

### Mississauga Transitway Tour

Thursday, June 28, 2018 / 8am to 12pm



ITE Toronto and the City of Mississauga hosted a Mississauga Transitway Tour on Thursday June 28, 2018. The Mississauga Transitway is a roadway dedicated solely for buses that extends across the City of Mississauga from Winston Churchill Boulevard in the west through to Renforth Drive in the east with connections to Hwy 427 in the east and ultimately, once completed, to the Eglinton Crosstown LRT. Riders are spared that ever-present morning and evening

congestion on Hwy 403 and Eglinton Avenue. The 19km facility includes 12 on-line stations and is the first of its kind in the GTHA. The facility opened to the public in stages, the first section being in 2014, and full completion in 2017.

The event included a brief presentation by Scott Anderson, Manager of Transitway Construction, followed by a guided tour of the facility. Scott is a 1984 B.A.Sc. (Civil Engineering) graduate of Queen's University with over 30 years of employment with the City of Mississauga. He is responsible for the coordination of the planning, design, and construction of all phases of the Transitway.

## Technical Workshops (2 sessions)

### Intersection Capacity Analysis Introduction

July 9 and 10 2018 / 8:30am to 4:30pm

40 St. Clair West, 3<sup>rd</sup> Floor, Room A

This full-day training session, organized by the *CITE Training Committee*, was a valuable as a refresher or introduction to intersection capacity analysis and CCG regardless of your affiliation — governing agency, consulting or academia — because of its focus on understanding some of the basic methods and procedures. It was also a great opportunity to be guided through some of the newest features of the PTV Vistro Software!



the mind of movement





In the morning, Chris Blackwood, B.A., B.Sc., Dipl.T., C.E.T., who has over 30 years of experience in traffic engineering instruction, provided an introduction to the terminology, structure and procedures of the CCG, along with detailed discussions on saturation flow rates and adjustments, measures of effectiveness and other relevant topics.

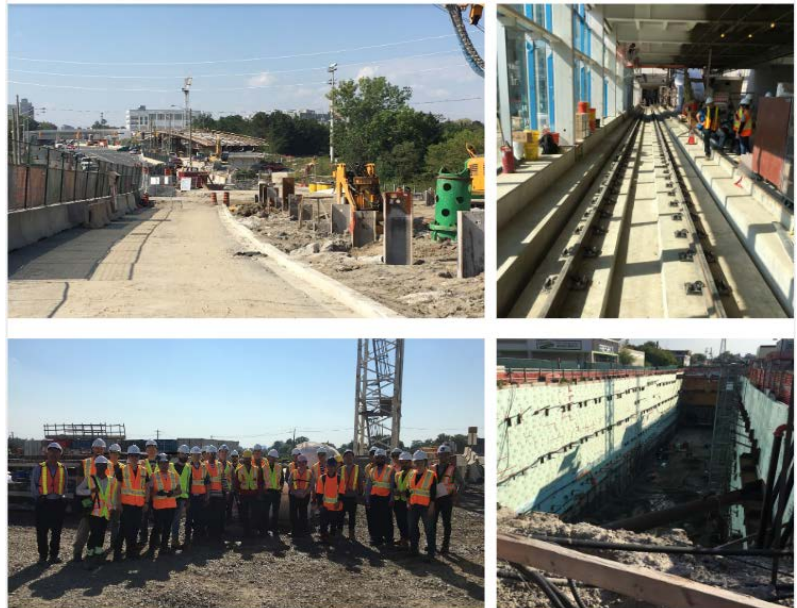
Following a lunch and networking break, PTV Team lead a workshop on how to analyze signalized

intersections using the CCG methodology option in the PTV Vistro Software; additionally, an overview of how to conduct traffic studies, evaluate development impacts and optimize signals using PTV Vistro were covered.

### Technical Tour

**ITE Eglinton Crosstown**  
Friday, September 21 2018  
Toronto

ITE Toronto Section members attended a Technical Tour of the Eglinton Crosstown LRT construction sites at Mount Dennis Station and Caledonia Station. More than 30 professionals and students were given a tour of the Transit Hub and elevated guideway, and got a sneak peak inside the station platforms due for completion in 2020. Thanks to all that came out.



## Luncheon

### Multi-Modal Transportation Analysis – Panel Discussion

Wednesday, October 10 2018 | 12:00pm – 2:00pm

55 St Clair Avenue West, Toronto, ON | IBI Group | Ground Floor Multi-purpose Room

As the transportation network in the GTA becomes increasingly congested, non-vehicular modes of transportation are becoming increasingly important for reasons of



health, safety, public realm improvement and congestion reduction. As a result, multi-modal transportation analysis for new developments is becoming an increasingly central component of transportation impact studies in the urban context. The section reached out to their mailing list with an invitation to an interactive panel

discussion on Multi-Modal Transportation Analysis.

The purpose of this interactive session was to discuss key aspects of multi-modal analysis from a range of perspectives including review agencies, public realm designers, transportation consultants and technical analysis groups.

The panel included professionals from York Region, the City of Toronto, BA Group and IBI Group.

## Social Event

### Data Analytics and Evening Social

Thursday November 1, 2018 | 4:00pm – 5:30pm  
55 St Clair Avenue West, Toronto, ON | IBI Group /  
Ground Floor Multi-purpose Room  
Sallywags - 11 St Clair Avenue West, Toronto, ON /  
5:30pm – 7:00pm



For the first time in years, ITE Toronto held an evening social event! With the support of Young Professionals in Transportation (YPT) Toronto Chapter, the section hosted a presentation on data analytics and an opportunity to network and socialize with colleagues and friends.



The event began at IBI Group offices where Jason Dahl (from IBI Group and your ITE Executive Team) presented on the topic of data analytics and described how traditional study deliverables, such as reports and presentations, could benefit from dynamic visualization techniques. He explored industry standards for typical project deliverables, discussed the potential for including data analytics in support of (or in lieu of) traditional

analysis, and showed some successful applications of where it has been used effectively to date.

Immediately after the presentation, the group relocated 200m down the street to Sallywags for an opportunity to network and socialize.

## Associated with CITE Student Chapters

### Lakehead University Chapter event

November 30, 2018

Valhalla Inn, Thunder Bay

ITE Toronto Section, in conjunction with the newly formed Lakehead University ITE Student Chapter, hosted a networking Luncheon in Thunder Bay on November 30<sup>th</sup> 2018. The luncheon featured presentations from the City of Thunder Bay on the City's Designated Truck Route project, the Ministry of Transportation of Ontario Northwestern



Region on the Thunder Bay Expressway project, and ITE Toronto Section on emerging directions in transportation engineering.

Outreaching and promoting more remote student chapters was identified on the section's 2018 survey and the section initiated a focus group to program an event to occur in Thunder Bay focusing on local students from Lakehead University and the local practitioners from the City of Thunder Bay and the Ministry of Transportation Ontario.

The luncheon featured several Northwestern Ontario-based presentations, such as ones from the City of Thunder Bay and the Ministry of Transportation of Ontario Northwestern Region. The luncheon also included a presentation from Amy Jiang, Vice President of ITE Toronto Section, who spoke about the roles of the Canadian Institute of Transportation Engineers (CITE) within the world of transportation.



#### Speakers:

Doug Cooper, P.Eng., MTO Northwestern Ontario

- Doug has been employed with the MTO since graduating from Lakehead University in 1989 (29 years). He initially started with MTO as part of the Engineering Development Program in the MTO London office. Doug has worked in the Planning & Design section, Construction Office and the Geotechnical Section. Doug has been in the Thunder Bay MTO office for the last 24 years and has worked as a Project Engineer, Head of the Geotechnical Section and is currently the Head of the Planning & Design section.
- Doug talked about the Thunder Bay Expressway Preliminary Design Study. Doug discussed the Planning and Preliminary Design Study for the Thunder Bay Expressway from Arthur Street to Balsam Street. The main objective of the study was to assess alternatives to upgrade the expressway to a freeway standard with grade separated interchanges and divided median.

Kayla Dixon, P.Eng., MBA, City of Thunder Bay – Director of Engineering & Operations; City Engineer

- Kayla graduated from the University of Waterloo in Applied Science (Civil Engineering), in 1995 and is a registered Professional Engineer in Ontario. She has also earned her Masters in Business Administration from Queen's University. Kayla has been with the City of Thunder Bay since 2012. Previous to working for the City, she was the Director of Engineering at Tbaytel. She started her career in consulting engineering mainly focused on pavement design, soil and materials testing.





Amy Jiang, P.Eng., M.Eng., BA Group – Senior Associate, ITE Toronto Section – Vice President

- Amy is a licensed professional engineer with 12 years of experience in the transportation industry. She has managed a diverse range of large and small scale transportation projects for the public and private sectors. At BA Group, Amy is focused on providing planning and engineering advisory services related to site planning, traffic analysis and transportation modelling. Previous work experience included the design and implementation of Intelligent Transportation Systems (ITS) for freeway, arterial and transit systems in Canada and worldwide.

## Luncheon

### Annual General Meeting - Christmas Luncheon

*Friday December 7, 2018 / 11am to 3:00pm*

*Toronto Cricket Curling and Skating Club at 141 Wilson Avenue in Toronto*

ITE Toronto Section hosted its annual Christmas Luncheon and Annual General Meeting on December 7<sup>th</sup> 2018. This year's keynote speaker was Pat Neville, the Vice President of Airport Development and Technical Services. He discussed the progress and some details on the proposed Pearson Airport Regional Transit Hub (Union Station West) project.

As Canada's largest airport, Toronto Pearson connects our region to the rest of the world. Anchoring the country's second largest employment zone, the airport currently serves 47 million passengers annually and is poised to grow to 85M passengers by 2035. Toronto Pearson is also a critical hub for goods movement in the region, but road congestion in the area is threatening growth and economic prosperity. Come hear about Toronto Pearson's plans for a new regional, multi-modal transit hub to support airport growth and regional connectivity, while providing significant economic and social benefits to the entire Greater Golden Horseshoe.



Some highlights include:

- A delicious buffet lunch and networking with ITE Transportation professionals from many different companies and municipalities.
- The ITE Toronto Section 2018 Project of the Year to the City of Toronto Staff with their King Street Pilot project.
- The 2018 President's Award to Jason Dahl from our Executive Team for his outstanding volunteer contributions.



Mr. Patrick Neville, P.Eng., joined the GTAA in March 2001 as the director, facility activation. In April 2004, Mr. Neville was appointed director of airport planning. With more than 20 years of management experience in the airline industry in technical operations and airport operations roles, Mr. Neville was employed by Wardair Canada, Canadian Airlines, and Air Canada. Mr. Neville is a professional engineer, and a graduate of the Southern Alberta Institute of Technology.

## 7. AWARDS DESCRIPTIONS

In 2018 the section handed out 15 awards and certificates during different events throughout the year.

Award Type	Number
Project of the Year Award	1
President's Award	1
Past President Certificates	2
Lifetime Membership Certificates	4
Appreciation Certificates	4
Section Award	1
Student Presentation Competition Award	2
<b>TOTAL</b>	<b>15</b>

### 7.1. Project of the Year Award

8th Annual Project of the Year Award was presented during the section's AGM in Dec 2018. Four nominations were received:

- "King Street Transit Pilot" by City of Toronto
- "Vaughan Metropolitan Centre (VMC) Cycling Network Plan" by City of Vaughan
- "The Dundas Connects Master Plan in City of Mississauga" by AECOM
- "Mississauga Cycling Master Plan Update" by City of Mississauga

"King Street Transit Pilot" by City of Toronto received the 8<sup>th</sup> Annual Project of the Year Award. The project highlighted the following:

- Launched in November 2017, King Street Transit Pilot between Bathurst Street and Jarvis Street, aims to improve transit reliability, speed, and capacity by giving priority to streetcars over private vehicles
- King Street Transit Pilot explored ideas for how to redesign King Street in order to achieve objectives: move people more efficiently, support economic prosperity, improve place-making
- Compared to the November 2017 baseline data, overall weekday ridership of the 504 King streetcar has increased by 17%, with peak period ridership up to 45% higher

As a follow up to winning this award, 'King Street Transit Pilot' was presented in a breakfast session as the section's kickoff event in 2019.

The following volunteer judges generously supported the 2018 panel of judges for the Project of the Year Award:

- David Argue, P.Eng., PTOE, Vice President – Transportation from R.J. Burnside & Associates Limited

- Joseph Palmisano, P.Eng., Manager, Transportation Planning from City of Markham
- Travis Brown, PMP., Principal – Transportation, Business Centre Sector/Discipline Leader – Transportation GTA from Stantec
- Kevin Ye, Senior Transportation Specialist, Forecasting, Transportation and Infrastructure Planning Branch from The Regional Municipality of York

## 7.2. Section Awards

The 2018 ITE Toronto President's Award was presented to Jason Dahl, the Section's 2018 Treasurer, in recognition of his outstanding volunteer contributions to the section:

Jason Dahl  
Treasurer



The ITE Toronto 2018 Past President Certificate was presented to Sean Nix 2018 Past President, ITE Toronto who served the section between 2011 and 2018:



Sean Nix, 2018 Past President, ITE Toronto  
Served 2011-2018

### Continuing volunteer work with ITE Toronto

- Lead organizer of the Joint Student Presentation Competition with the Toronto, Hamilton and Southwest Ontario sections
- Member of CITE Traffic Engineering Subcommittee of the TLC (CCG-related activities)
- Active Member of the ITE Transportation Education Council

ITE Toronto Section wanted to recognize members who support the Section's event. New for 2018, we gave an award to the person who attending the most ITE Toronto events within the calendar year. The 2018 ITE Toronto Section Participation Award went to:

Mr. Revanth Redla, E.I.T.



Lifetime Membership Awards are presented to individuals with long standing membership with ITE. The 2018 recipients were the following:

- Douglas Alligham, Aecom
- John Barrington, BA Group
- Ralph Bond, BA Group

Section awards were given to individuals for their outstanding and long-term contribution to the section. The first set of awards was presented to individuals for their long term support of the project of the year award serving as volunteer judges. The following were recognized in section's AGM in Dec 2018:



- Andy Harvey, MBA, P.Eng., PMP
- David Argue, P.Eng., PTOE
- Travis Brown, PMP
- Mehemed Delibasic, M.Sc., P.Eng.

### 7.3. Student Presentation Competition Award

The 2018 ITE Toronto, Hamilton, Southwestern Ontario Student Presentation Competition Winners were:

Graduate (\$400): **Anjie Liu, University of Waterloo** - "Towards using traffic data to estimate vehicle emissions in real time"

Undergraduate (\$350): **Samantha Leger, University of Waterloo** - "Evaluating emerging technologies (through the form of electrical-bicycles or "e-bikes") as a tool to address transportation gaps that currently inhibit lifelong mobility and aging in place"

#### 7.4. Previous Year Awards, Recognized



ITE Lifetime Members within the Toronto Section are acknowledged at the AGM of that year, or the Spring Luncheon of the following year. At this year's Spring Luncheon, 2017 ITE Lifetime Member acknowledgement was for Mr. Paul MacLeod, P.Eng.

*Left: Amy Jiang  
Right: Paul MacLeod*

#### 7.5. 2018 CITE Outstanding Volunteer Contribution Award

Sean Nix, ITE Toronto Section's 2018 Past President, was presented the 2018 CITE Outstanding Volunteer Contribution award at the CITE Conference in Edmonton in June. Since joining the ITE Toronto Section executive in 2011, Sean has concurrently served as the Student Liaison of the ITE Hamilton Section as of 2014, and assumed the role of Faculty Advisor for Mohawk College CITE Student Chapter in the same year. For the past five years, he led the organizing efforts for the annual CITE Student Presentation Competition hosted jointly by the Toronto, Hamilton and Southwestern Ontario Sections. He played instrumental roles in the launch of



*Left: Bruce Belmore - ITE International VP  
Right: Sean Nix, ITE Toronto Past President*

two CITE student chapters over the last two years – one at McMaster University in Hamilton, and the other at York University in Toronto. Since 2015, he has served as a reviewer/judge for various CITE awards, and more recently extended this effort towards ITE International student awards. His current activities include his role on the CITE Traffic Engineering Subcommittee – primarily to coordinate the Canadian Capacity Guide (CCG) Undergraduate Competition, and other activities with the ITE Transportation Education Council.



## 8. SPONSORS

Low student rates and in many cases free student attendance at ITE Toronto Section events would not have been possible in 2018 without the support of the following sponsors:

### Gold sponsors



Partners in excellence



### AND OUR SILVER SPONSORS



*2018 ITE Toronto Spring Luncheon Sponsors*

### Gold sponsors



### Silver sponsors



Annual General Meeting & Christmas Luncheon  
Friday, December 7, 2018

*2018 ITE Toronto Annual General  
Meeting and Christmas Luncheon  
Sponsors*





## 9. FINANCIAL STATEMENT

The following report reflects section balance as of Dec 31, 2018.

### ITE Toronto - 2018 Financial Summary

#### Beginning of Year Balance

Cash	\$0.00	
Paypal	\$242.45	
Bank	\$20,324.31	
Sub Total	\$20,566.76	\$20,566.76

#### Revenue During Year

Events	\$17,388.17	
Memberships	\$5,486.48	
Accounts Receivable(1)	\$2,050.00	
Subtotal	\$24,924.65	\$45,491.41

#### Expenses During Year

Postage	\$0.00	
Events	\$14,564.17	
Bank Fees(2)	\$42.00	
Gifts(3)	\$426.20	
Executive(4)	\$2,835.68	
Misc(5)	\$64.17	
Paypal Fees(6)	\$50.37	
Accounts Payable(1)	\$7,598.96	
Subtotal	\$25,581.55	\$19,909.86
Net Income / Loss	(\$656.90)	(\$656.90)

#### End of Year Balance

Cash	\$720.00	
Paypal	\$1,598.08	
Bank	\$23,140.74	
Accounts Receivable(1)	\$2,050.00	
Accounts Payable(1)	(\$7,598.96)	
Sub Total	\$19,909.86	\$19,909.86

(See notes 1 thru 6 for additional details)



**Notes**

(1)

Estimated Revenue and Expenses for 2018 AGM and outstanding cheques/deposits  
To be settled during 2019 fiscal year

(2)

Includes some disputed fees, to be adjusted in next fiscal year

(3)

Includes Speakers' Gifts,  
Awards,  
Trophies

(4)

Includes ITE TO Year Start Kickoff In Person Meeting,  
CITE Edmonton Travel Expenses,  
Thunder Bay Event Travel Expenses

(5)

Purchase of a secure Cashbox for use at events

(6)

Paypal/Eventbrite was used for ITE 2018 Spring Luncheon

Paypal/Eventbrite fees for this Luncheon accounted for a percentage loss on ticket sales:

-3.58%

Other events were hosted on CITE webpage, saving the section this fee

If all Events used Paypal, this would have resulted in an expense of...

(\$622.93)

Therefore, the switch in platform resulted in savings of...

\$572.56

## 10. LEGISLATIVE ACTIVITIES

### 10.1. Bylaws change

In 2018 the section intended to revisit and update the Section by-laws; however, we have decided to put a hold on it until when CITE by-law No. 1 has been executed.

Was there a change in the Section Bylaws during this reporting period?

(If yes, please attach a copy of the new bylaws.)

[ ] Yes [ X] No

### 10.2. Elections

ITE Toronto Section held its annual election during the Dec 2018 AGM, seeking nominations for the position of Activities Coordinator on the 2019 Executive. The



Activities Coordinator is an entry level position that involves a moderate level of time commitment. Duties include coordinating and booking section events, receiving and keeping track of registrations for section events, and coordinating with other Executive members to stage successful section events. Two nominations were received and Revanth Redla was elected as the newest section executive member.

Revanth is an EIT who works as an Engineering Designer at IBI Group, Toronto. He graduated with a Master of Science in Transportation Engineering from Florida International University, Miami, and has been an active part of ITE since 2011. He served as an executive member of the ITE Student Chapter at Florida International University for 3 years and has successfully organised numerous activities as its Vice President for a year. Experienced with managerial, organizational and social skills, Revanth brings forth his commitment and dedication to serve the CITE's Toronto Section with an endless enthusiasm and a global perspective. He is passionate about multi-modal transit initiatives and spends his leisure with digital photography.