



Institute of
Transportation
Engineers
**TORONTO
SECTION**

March 18, 2016

Jen Malzer, P. Eng.
President, Canadian Institute of Transportation Engineers
PO Box 81009, 47B Harbour Square
Toronto, ON, M5J 2V3

RE: ITE Toronto Section 2015 Annual Report

Dear Jen:

On behalf of the 2015 Toronto Section Executive, I am pleased to submit our 2015 Annual Report for your information and review.

The Executive focused its efforts throughout 2015 on membership outreach and engagement while providing a slate of relevant and dynamic events for our members. The Section accomplished many new firsts during 2015, including:

- **Creation of three new committees** (Awards, Planning, and Technical) to provide more opportunities for membership involvement;
- **Created the first social media presence for the Section** via Facebook and Twitter to increase membership engagement and improve communications;
- **Hosted the first technical/outreach event outside of the GTA** in Barrie;
- **Established the first President's Award** to recognize outstanding service and long standing contributions to the Section;
- **Supported SimCapTO in developing its first ever User Group Meeting** with close to 70 attendees; and,
- Selected event venues close to transit to encourage use of alternative modes of transportation to our events.

Our 2016 Executive looks forward to continuing to serve, engage, and outreach to our membership this year and we thank you for the ongoing support from the District.

Regards,

Matthew Davis, PE, PTOE, FITE
ITE Toronto Section Past President

cc. Angela Gibson, ITE Toronto Section President

Section Past President:

mdavis3@toronto.ca



Annual Report 2015

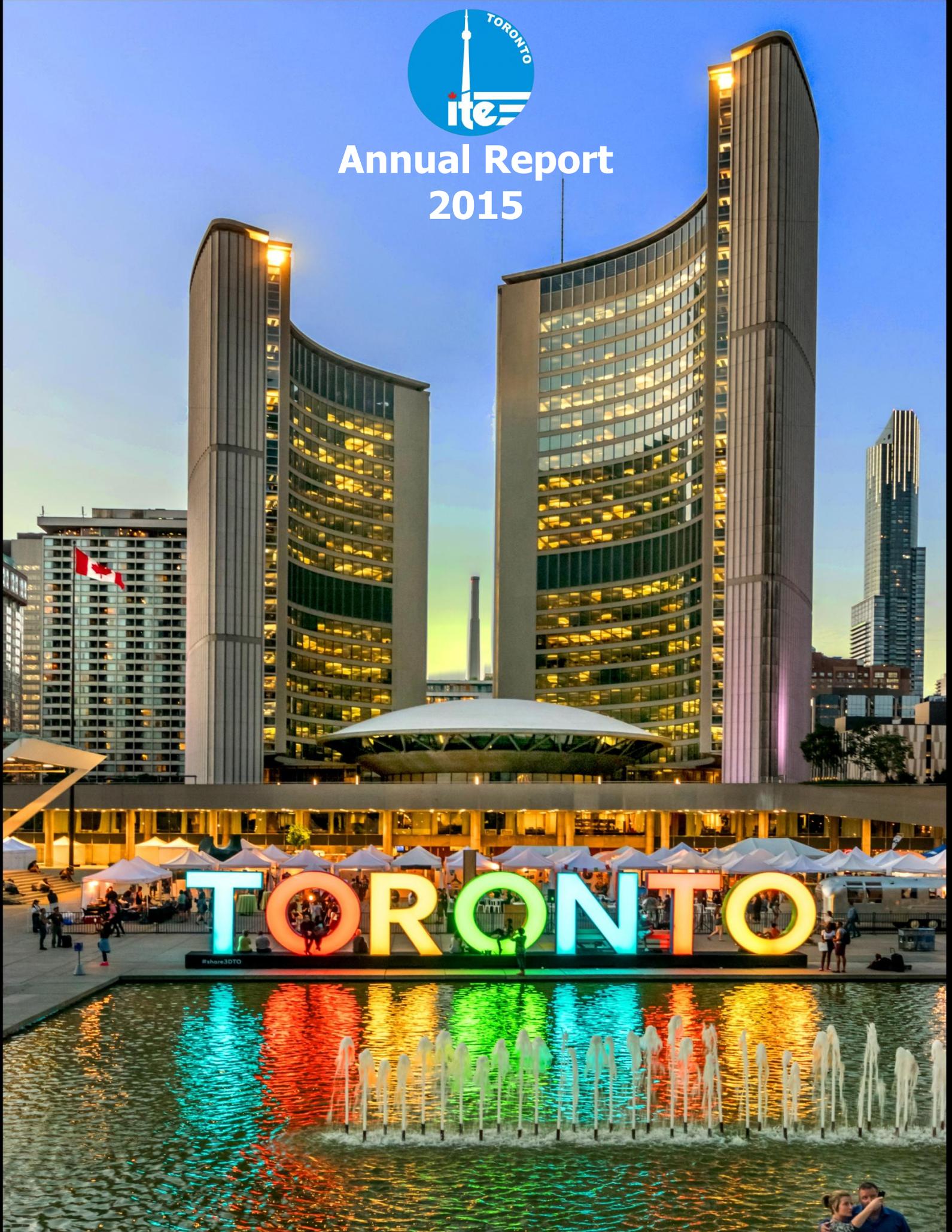




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1.0 Officers

In 2015, ITE Toronto had seven (7) members on our Executive plus one (1) webmaster:

- President Matthew Davis, City of Toronto
- Vice-President Angela Gibson, York Region
- Secretary Hossein Zarei, AECOM Canada
- Treasurer/ Student Chapter Liaison Sean Nix, Mohawk College
- Communications Coordinator Farhad Shahla, City of Mississauga
- Activities Coordinator Amy Jiang, BA Consulting Group
- Past President Mehemed Delibasic, WSP Canada
- Other (Webmaster) Bernard James, Ministry of Transportation Ontario (MTO)

Three (3) of the members work for the public sector, one works in academia, and the remaining three (3) members are employed in the private sector. The webmaster works in the public sector.

Throughout 2015 the Executive focused on conducting the majority of its planning and organizing activities through monthly conference calls typically held on the second Wednesday of each month. Two in-person meetings were held at the beginning and end of the year to facilitate event planning as well as several informal meetings of Executive members throughout the year. Executive members all maintained constant communication throughout the year via email and phone as required for event preparation and newsletter publishing. It should be noted that a large number of our Section members, including members of our Executive, were involved in the preparations for the Pan-Am/Parapan-Am Games held in Toronto this year, and as a result, the Executive operated with a reduced meeting schedule during the first half of 2015.

2.0 Membership

ITE Toronto is the largest section in Canada with over 500 members. A summary of our membership status for 2015 is as follows:

<i>Number</i>	<i>Membership Grade</i>
1	Honorary
48	Fellow
343	Member
4	Institute Affiliate
120	Student Member
516	Total

Members are welcome at all events. As in previous years, we host paid events which are typically our major meetings, and, we offer free or low cost events throughout the year. The paid events help offset costs incurred throughout the year and the costs associated with some of our smaller events. In most instances, members enjoy a discounted rate for entry into any paid events.



2.1 Membership Outreach

The Executive focused much of its efforts on outreach to our current members and potential new members. For our current members, we must provide value for dollar as the preeminent transportation organization of choice in the GTA and beyond. The Executive initiated a program where we "bring ITE Toronto" to new locations outside of the GTA but within our catchment area. This year's program was "**Breakfast in Barrie**", and we used this opportunity to discuss opportunities for participation and leadership within ITE Toronto with our members located in the Barrie area. We received excellent feedback and initiated conversations on helping to charter a new Chapter (e.g. "Lake Simcoe Chapter") in order to better service our members in the Barrie / Lake Simcoe geographic region. According to District Director, Gene Chartier, these discussions are ongoing. ITE Toronto commits to providing any assistance necessary regarding the future development and success of the new Lake Simcoe Chapter.

Within the GTA, we also learned early in 2015 that York University started a transportation engineering program in its Civil Engineering department, with Dr. Peter Park, P. Eng as an Associate Professor in the program. We took extra care to invite Dr. Park and his students to all of our events this year and initiated discussions to develop a student chapter in York University. According to District Director, Gene Chartier, these discussions are ongoing. ITE Toronto commits to providing any assistance necessary regarding the future development and success of the new student chapter at York University.

Through our discussions with our University of Toronto and Ryerson University student chapters, we found that our email announcements (e-blasts) and newsletters were not being received regularly by the student members. We have since added one contact person per chapter to our distribution list to correct this long standing issue and improve coordination between ITE Toronto and our student chapters.

Regarding the recruitment and retention of younger members, our President reached out to the President of the local chapter of Young Professionals in Transportation (YPT) to find out more about their organization and how ITE Toronto and YPT could work together on programming and other future initiatives. It was discovered through meetings with the local YPT President that their organization desired more technical content in its programming, while ITE Toronto sought out more social events in our programming. ITE Toronto now advertises YPT's events for free via our email distribution list upon request, and we offer this to align with and mimic the relationship between ITE International and YPT National organizations. We also explored the idea of a cross-organizational membership, as YPT's membership costs are significantly lower than ITE's for the same age group and likely impact our Section's ability to successfully recruit younger members. Through some cross-organizational agreement, the hope was to make ITE Toronto more visible to younger potential members and encourage them to become members of both organizations at a reduced cost. This issue was carried forward to ITE International but as of the publishing of this report we have received no actionable response.

Finally, we initiated discussions with all of the other Ontario sections to start planning joint events. Initial ideas discussed included an Ontario Sections Golf Tournament, with proceeds to benefit a charity or scholarship fund, and the development of an event similar to the QUAD Conference held by ITE sections located in the Pacific Northwest. Our President canvassed previous ITE Toronto Section Presidents as well as the Presidents of all of the Ontario Sections regarding these ideas, and the support



was overwhelming. The Section Executive decided to postpone planning for a potential "Ontario Sections" event until after the 2017 ITE Annual Meeting and Exhibit being held in Toronto.

3.0 Section Affiliates

ITE Toronto had no section affiliates at the end of 2015. It should be noted that the Section Affiliate program requires further development by the Executive, as we currently have no application or affiliate fee designated for those who may be interested. We will table this item throughout our meetings in 2016 so that we can offer this program to those parties interested in ITE Toronto but not through an ITE full membership.

4.0 Financial Status

ITE Toronto continues to be in a favourable financial position through revenues generated from our major events and through our new corporate sponsorship program. ITE Toronto's overall financial goal is to generally operate on a cost recovery basis. In this regard, in some years the section purposely generates a positive net income; in some years the section posts a negative net income (i.e., a loss) in an effort to keep costs to members down. In keeping with last year, the Toronto Section posted a positive net income and left the section in a stable financial position, while balancing some newly incurred costs that were not incurred last year, such as travel to CITE meetings for our senior executive (President and Vice President). To remain consistent with the Section's financial philosophy, ITE Toronto Section continues to utilize positive income from previous years to deliver strong value to our members through the following:

- **Maintaining last year's costs to members for luncheons and maintaining significant student discounts**, notwithstanding increasing costs compared to previous years;
- **Providing members with several free events**, including breakfast seminars and other related seminars at a net loss to the Section; and,
- **Absorbing PayPal service charges** stemming from our previous decision to implement a PayPal payment option to improve payment convenience for members.

Based on the above operations, the Toronto Section balanced its budget by posting a small positive net income for the 2015 fiscal year. As shown on the financial statements, the Toronto Section continues to maintain a healthy balance sheet. Our favourable balance sheet provides significant flexibility for the 2016 Toronto operations. In this regard, the financial outlook continues to be positive and no problems are anticipated. We are pleased to continue to avoid having to charge our members Section dues due to our financial management approach, though we continue to discuss this as an option moving forward when considering the resources required for the planning and execution of larger events such as an Ontario Sections (QUAD-style) event.

Financial statements summarizing the financial position of ITE Toronto Section as of December 31st, 2015 are provided on the following pages.



**ITE Toronto Section
 2015 Balance Statement**

	<u>Dec 31, 2014</u>	<u>Dec 31, 2015</u>
Assets		
Current Assets		
Cash		
Cash	\$0.00	\$0.00
Paypal Account	\$0.00	\$3,369.48
TD Bank Account	\$4,076.09	\$5,052.38
Total Cash	<u>\$4,076.09</u>	<u>\$8,421.86</u>
Accounts Receivable		
Miscellaneous	\$6,293.47	\$50.00 (Note 1)
Total Accounts Receivable	<u>\$6,293.47</u>	<u>\$50.00</u>
Total Current Assets	<u>\$10,369.56</u>	<u>\$8,471.86</u>
Total Assets	<u><u>\$10,369.56</u></u>	<u><u>\$8,471.86</u></u>
Liabilities & Equity		
Liabilities		
Current Liabilities		
Accounts Payable		
Accounts Payable	\$16.94	\$75.00 (Note 2)
CITE Jon Vardon Scholarship	\$540.00	\$0.00
Payable		
Total Accounts Payable	<u>\$556.94</u>	<u>\$75.00</u>
Total Current Liabilities	<u>\$556.94</u>	<u>\$75.00</u>
Total Liabilities	<u>\$556.94</u>	<u>\$75.00</u>
Equity		
Equity from Earnings		
Net Income	\$1,448.03	\$4,345.77
Retained Earnings	\$8,364.59	\$9,812.62
Total Equity from Earnings	<u>\$9,812.62</u>	<u>\$14,158.39</u>
Total Equity	<u>\$9,812.62</u>	<u>\$14,158.39</u>
Total Liabilities & Equity	<u><u>\$10,369.56</u></u>	<u><u>\$14,233.39</u></u>

Notes:

1. Payment received on January 14, 2016 for 2015 Christmas Luncheon attendee
2. Reflects uncashed cheque reimbursement to UofT Chapter President on behalf of UofT Students unable to attend Christmas Luncheon.



ITE Toronto Section
2015 Income Statement

<u>Account</u>	<u>2015</u>
Income	
Advertising Income ¹	\$3,944.02
Interest Income	\$9.90
ITE Toronto Event Income ²	\$8776.05
ITE International / CITE Fund Distribution ³	\$3,090.98
Total Income	\$15,820.95
Expenses	
Bank and Interest Charges	\$59.40
John Vardon Scholarship ⁴	\$1,110.00
ITE Toronto Event Costs ⁵	\$9,150.38
Executive Meeting Expenses	\$707.54
Section President Conference Travel Expense	\$2,617.34
2015 Joint Student Presentation	\$1,200.00
Total Expenses	\$14,844.66
Net Income	\$976.29

Notes:

1. \$1500 related to 2014 Christmas Luncheon Sponsorships collected after December 31, 2014.
2. \$4401.35 related to 2014 Christmas luncheon attendee payments collected after December 31, 2014, as well as Paypal revenue collected before December 31, 2014.
3. \$1200 related to funds distributed by CITE for 2015 Joint Student Presentation Competition; \$250 related to reimbursement for 2014 annual report.
4. Both 2014 and 2015 awards submitted to CITE in 2015.
5. \$16.94 related to 2014 Christmas Luncheon expenses paid after December 31, 2014.



5.0 Technical activities

ITE Toronto's technical activities are directed through our new Technical Committee created in 2015. Given the success of SimCapTO (Simulation & Capacity Analysis User Group of ITE Toronto), the Technical Committee was formed around our members who already expressed interest in and spent significant time developing technical seminars over the last few years through SimCapTO. The Technical Committee now has a broader scope, enabling it to take on a wider range of technical issues of interest to our membership.

The goal of the Technical committee is to highlight technical issues relevant to the Section's membership. This is primarily achieved through presentations and workshops with local experts as well as guest speakers on various topics. Technical projects may also be undertaken at the discretion of the Committee members. SimCapTO operates under the Technical Committee.

The Committee is intended to be a fun, interesting, and dynamic association of technically minded members who wish to contribute to the practice of transportation engineering and planning in Ontario and address real-world technical issues in transportation across the Province. It is anticipated that initiatives developed by this committee will garner national and international interest as Ontario presents a diverse range of transport issues.

The Technical Committee currently consists of the following ITE Toronto Section members:

- Ravi Bhim, CIMA;
- Nixon Chan, LEA;
- Jason Dahl, IBI Group;
- Matthew Davis, City of Toronto;
- Juan Perez, WSP Canada; and,
- Ray Shen, MTO.

5.1 SimCapTO

The Simulation & Capacity Analysis User Group of ITE Toronto, better known as SimCapTO, began operating in the Toronto Section in 2010 and has maintained a solid presence since its inception. SimCapTO conducted two major events during 2015 with over 100 people in combined attendance:

- Alternatives to Level of Service (LOS) – Breakfast Seminar; and,
- Traffic Signal Coordination & Optimization Using Simulation – User Group Meeting





SimCapTO also participated in ongoing initiatives throughout the year, including:

- CITE Discussion of Intersection Capacity Methodologies (coordinated by Jim Gough, MMM);
- Breakfast Session on the Canadian Capacity Guide, CITE Regina Conference, 2015; and,
- Development of Simulation Best Practices Guide for Ontario (ongoing).

SimCapTO plans to schedule events prior to major ITE Toronto events held at the same day and location in order to maximize the opportunities for more members to get involved in current and future technical initiatives.

ITE Toronto has sponsored all SimCapTO events up to this point. To that end, we are considering a set budget dedicated to SimCapTO support each year, and this will be discussed during 2016.

List Projects by title which were completed during this reporting period and,
if available, attach a copy of the report:

[N/A]

6.0 Legislative activities

For 2015, the position of Student Chapter Liaison was eliminated from the Executive and its associated responsibilities were reassigned to other Executive members. This year, our Treasurer, given his role in academia, carried most of these responsibilities.

A Call for Elections was issued at our Annual General Meeting in 2015 for the position of Activities Coordinator. A vote was taken and Kelsey Waugh (LEA) was successfully acclaimed as Activities Coordinator for 2016.

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

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

Yes No



7.0 Meetings and activities summary

The past year was an exceptionally busy one for ITE Toronto with the Section organizing & participating in approximately 15 events. Table 1 below provides a brief summary of the events organized or assisted by the 2015 ITE Toronto Executive.

TABLE 1: Summary of Events

No.	Date	Event Titles	Purpose	Attendance
1	February 20, 2015	UT-ITE Weekly Transportation Seminar	UT-ITE hosts a weekly transportation seminar series for its members. ITE Toronto assisted in providing the speaker for this event, Tony Medeiros, Project Manager for Waterfront Toronto on the Gardiner Expressway East /Lakeshore Boulevard Environmental Assessment. This was a hot topic at the time and as such the seminar was well attended.	30
2	March 4, 2015	UT – ITE’s 4 th Annual Student-Industry Mixer	Transportation Engineers (UT-ITE) Student Chapter hosted its third "Student-Industry Mixer", in coordination with the ITE Toronto Section. Civil Engineering, Geography and Planning students from the University of Toronto and Ryerson University engaged in discussions with transportation professionals from the private, public and non-for-profit sectors based in the Greater Toronto Area.	+100
3	March 20, 2015	Ryerson ITE Student Social Event	Provides opportunity for students to meet colleagues from the surrounding academic community and discuss transportation issues in a casual setting. Other interested students and universities were welcome to attend.	Unknown
4	March 24, 2015	7th Annual Toronto, Hamilton, and Southwest Ontario Sections Joint Student Presentation Competition, University of Waterloo	The competition featured student presenters from Mohawk College, Ryerson University, University of Toronto, University of Waterloo, and Western University	+15



5	May 1, 2015	2015 ITE Toronto Section Spring Luncheon: Pan-Am/Parapan-Am Games – Keep the Games Moving! (MTO Transportation Plan)	Andrew Posluns, Exec. Director of MTO's Pan-Am/Parapan-Am Games Branch, presented MTO's plan to accommodate the transportation demands associated with the Games. This event was very popular as it became standing room only in the venue! The event attracted a wider range of participants not seen at ITE events, such as ITS suppliers and Provincial/Municipal representatives.	+50
6	May 21, 2015	Traffic Bowl Trivia Night	The University of Toronto ITE Student Chapter (UT-ITE) hosted a Traffic Bowl Trivia Night event. While the event was historically designed to specifically help the UT-ITE Traffic Bowl team prepare for the 2015 CITE Collegiate Traffic Bowl competition at the CITE Conference in Regina, UT-ITE was gracious enough to invite a competitor team from Mohawk College, as well as students from Ryerson University, to participate. ITE Toronto Section was pleased to sponsor the event by funding appetizers for all participants as support for the UT-ITE Traffic Bowl team.	+10
7	May 21, 2015	Alternatives to Level of Service (LOS) – Breakfast Seminar	SimCapTO and ITE Toronto's Technical Committee held a seminar exploring current use of LOS, its shortfalls, and alternatives to LOS currently being used by other jurisdictions. The seminar included a presentation on alternatives to LOS and a discussion panel of academics, private consultant firms, and public agency representatives.	+40
8	June 7-10, 2015	2015 CITE Conference and CITE Collegiate Traffic Bowl, Regina, SK	Section President Matthew Davis attended the event on behalf of ITE Toronto. A highlight of the conference was the 6th Annual CITE Collegiate Traffic Bowl! The UT-ITE team, as well as Matthew Harvey (Ryerson) performed well, but we congratulate UManitoba on a tough victory! Our Section also tied for an award for taking the best "Gainer" pictures in the lead up to the Regina Conference!	N/A



9	September 30, 2015	Designing World Class Transportation Systems Workshop (Co-sponsored with City of Toronto)	Keynote: Chuck Marohn, Strong Towns. Objectives were to develop understanding of various implications of street-design decisions, collaborate on projects in the pipeline, and build interdivisional trust and networks.	+70
10	October 2, 2015	Annual Open House and Friday Seminar, University of Toronto Institute of Transportation Engineers (UT-ITE) Student Chapter	The University of Toronto Institute of Transportation Engineers (UT-ITE) Student Chapter invited members from ITE Toronto Section Executive to present at their “Annual Open House and Friday Seminar” about careers in transportation engineering. Matthew Davis, President of ITE Toronto Section presented an overview of the various careers in Transportation/Traffic Engineering and Transportation Planning that might await them upon graduation.	35
11	October 20, 2015	2015 SimCapTO User Group Meeting: Traffic Signal Coordination & Optimization using Simulation (Co-sponsored by PTV America)	City of Toronto Traffic Management Centre staff discussed the City's program to optimize critical signalized corridors across Toronto using Aimsun simulation software. PTV America also made a presentation regarding its software and how it can optimize traffic signal progression along corridors.	67
12	November 10, 2015	Lower Bay Subway Station Tour	ITE Toronto organized a visit of TTC's Lower Bay Subway Station – currently out of commission for regular subway service but used for film shoots and other purposes. This gave our membership an opportunity to view historic transportation infrastructure not open to the general public. Demand for this event was high as the limited spots offered by the TTC were taken up less than one week after it was announced.	20
13	November 12, 2015	MTO's Central Region COMPASS TMC Tour	ITE Toronto & Mohawk College hosted this tour of MTO's newest traffic management centre. This was also a very popular event with limited spots available. Will schedule again soon!	15



14	November 19, 2015	Managing Growth & Change – Breakfast Session in Barrie	President Matthew Davis and Treasurer Sean Nix represented the ITE Toronto Executive in its first ever event held outside the GTA. City of Barrie staff, transportation consultants, and other interested parties attended this breakfast event which discussed the booming growth projected in Barrie and how the City has taken annexed lands from farmland to permit ready in 8 years to help accommodate this growth. Membership outreach, chapter formation, and increased participation in Section governance were significant parts of the discussion.	20
15	December 4, 2015	Annual ITE Toronto Section AGM and Christmas Luncheon	The meeting was attended by over 100 people and our keynote speaker was Dr. Steven Waslander, Director of the Waterloo Autonomous Vehicles Laboratory (WAVELab). Dr. Waslander captured the attention of the audience with his presentation titled "A Driverless Future: The State of & Path to Fully Autonomous Vehicles". Autonomous Vehicles (AVs) are a hot topic in the transportation field, and given the Province's new law which allows testing of AVs on Provincial roads as of Jan 1, 2016, Dr. Waslander's presentation provided much needed background information as well as current and future considerations for AVs for the next 20 years and their impact on the transit, transportation planning, and traffic engineering industry.	+100

Detailed descriptions of the various events are provided in the following sections.

7.1 Continuing education, technical, and social activities

UT – ITE’s Weekly Transportation Seminar – February 20

The University of Toronto Institute of Transportation Engineers Student Chapter (UT-ITE) welcomed Tony Medeiros to its weekly transportation seminar series. Mr. Medeiros was the manager of planning and design for Waterfront Toronto, and he gave a presentation on the Gardiner Expressway East and Lakeshore Boulevard Reconfiguration Environmental Assessment and Urban Design Study. His lecture provided insights into the challenges and opportunities associated with various reconfiguration



alternatives including maintaining, replacing, removing and improving the Gardiner Expressway East. The seminar was well attended and was followed by a stimulating question-and-answer period.

UT – ITE’s 4th Annual Student-Industry Mixer – March 4

UT-ITE held its 4th annual Student-Industry Mixer at Hart House. The event provided an opportunity for student participants to network with planning and transportation professionals, faculty, students, and alumni from across the GTHA region. Representatives from 13 transportation firms and public agencies, along with over 100 students from multiple institutions attended this mixer. Delicious complimentary food and refreshments were also provided, and the event was open to students from across the region, free of charge!



Students and Transportation practitioners at the 2015 UofT Student/Industry Mixer event

2015 Spring Luncheon – May 1

The TORONTO 2015 Pan/Parapan Am Games were held in Toronto, the GTA, and other locations in Ontario between July 10-26 and August 7-15 of this year. The Games in all of their splendor lived up to expectations, so everyone involved with the years of preparatory work should be proud of your efforts as it truly paid off!



Some of your fellow members volunteered during the games to show their support, while many others worked directly with the Ontario Ministry of Transportation (MTO) and other governmental agencies in developing and implementing a transportation plan to ensure the success of the Games. To that end, ITE Toronto Section was excited to host Mr. Andrew Posluns, Executive Director of the Pan/Parapan Am Games Branch at the Ministry of Transportation, as our keynote speaker for the 2015 Spring Luncheon. Mr. Posluns led the Ministry’s efforts to plan for and deliver a comprehensive and integrated transportation plan for the Toronto 2015 Pan/Parapan Am Games.

More than 50 ITE members, non-members and students attended this exciting and informative presentation. The venue was selected based on its proximity to transit service to encourage the use of transit and active transportation to reach the event. Furthermore, the section managed to encourage students’ attendance through discounted tickets as low as \$25.



MTO worked with a team of more than 30 partners, including host municipalities, police and transit as well as the business community and residents of the GTHA to ensure that athletes, officials and visitors reached events on time while keeping the entire region moving during the Games. The Games overview presentation focused on the transportation, venue and security impacts of the Games and options to help mitigate those impacts.



In addition, ITE Toronto Section re-established its tradition of inviting participants of the Seventh Annual Joint ITE Student Presentation Competition to accept their awards at the ITE Toronto Section Spring Luncheon. This year's competition took place at the University of Waterloo, so most participants opted to accept their prizes via mail. Matthew Harvey of Ryerson University attended the luncheon and was presented his 3rd place award in the graduate category for his presentation on “A tablet-based surrogate system architecture for ‘in-situ’ evaluation of cyber-physical transport technologies”.



Matthew Harvey (Ryerson University) being presented his Student Presentation Competition award by ITE Toronto Section Treasurer, Sean Nix



Mr. Posluns presenting the comprehensive and integrated transportation plan for the TO 2015 Pan/Parapan AM Games

Traffic Bowl Trivia Night – May 21

The University of Toronto ITE Student Chapter (UT-ITE) hosted a Traffic Bowl Trivia Night event on Thursday, May 28th, 2015. To help this year’s UT-ITE Traffic Bowl team prepare for the 2015 CITE Collegiate Traffic Bowl competition at the CITE Conference in Regina, members of the 2014 CITE Collegiate Traffic Bowl Champion team, as well as students from Ryerson University and Mohawk College, volunteered to participate as competing teams.

Much like the Traffic Bowl itself, teams faced off against each other while UT-ITE Past President, Alec Knowles, read the questions. Sean Nix, your ITE Toronto Section Treasurer, did his corporate best to moderate the “buzzing in” of each team. The members of the 2014 CITE Traffic Bowl Champion also took the opportunity to provide some useful Traffic Bowl tips to this year’s competitors based on their experience both nationally and internationally.

ITE Toronto Section was pleased to sponsor the event by funding the catering for the event as its way to support the 2015 UT-ITE Traffic Bowl team. Our special thanks go to the UT-ITE President, James Lamers, for helping to coordinate the event!





SimCapTO – Alternatives to Level of Service (LOS) – Breakfast Session – May 21

SimCapTO and ITE Toronto Section's Technical Committee held a groundbreaking breakfast session on Thursday, May 21st at North York Civic Centre in Toronto which dealt with the use of alternative performance measure to Level of Service (LOS) to evaluate transportation projects.



SimCapTO Breakfast Session Participants

The intent of this event was to highlight the fact that, in the most urbanized areas of Canada, standard LOS analysis may be losing its relevance. Modal shifts, temporal uses, and complex geometries have long been recognized as outside the scope of standard LOS-based evaluations, and the presentation pointed to examples of jurisdictions in North America that have either done away with LOS as a performance measure or have supplemented it with additional measures to address the complexity of urban transportation networks.

Matthew Davis, ITE Toronto President, presented on "*LOS and the Future of Intersection Analysis in Canada*" following some networking and breakfast time for the meeting participants. A panel discussion on the relevance of LOS and the future use of the Canadian Capacity Guide (CCG) was conducted and a lively discussion ensued between the panel and the meeting attendees. Over 40 people representing various sectors of the transportation field were in attendance. SimCapTO was encouraged by the positive feedback regarding this event and may consider a follow up event involving more local stakeholders, so stay tuned!



Special thanks to Ken Chan, Tabassum Rafique, Jim Gough, Sean Nix, and Godly Abraham for their roles on the panel!



2015 CITE Conference and Annual General Meeting – June 7-10, 2015

Over 260 delegates attended this year's CITE Conference and Annual General Meeting in Regina, SK. Compliments to the Regina 2015 Local Arrangements Committee (LAC) and the ITE Saskatchewan Section for putting on a great conference!

Your ITE Toronto Section President, Matthew Davis, attended the event on behalf of the ITE Toronto Section. As the Section President, Matthew sits on the CITE Board of Directors and, as such, participated in the annual CITE Board of Directors Meeting at the conference. One of the main issues addressed at the Board of Directors Meeting was the attraction and retention of young members (typically under the age of 35). The CITE Board, in response to request from various Sections, created a Young Members Forum and a spot on the Board of Directors to represent the interests of young members! Stay tuned for future announcements regarding this initiative as it is starting to be rolled out by CITE this fall!

A highlight of the conference was the 6th Annual CITE Collegiate Traffic Bowl. ITE Toronto Section congratulates the University of Manitoba team for winning this year's competition. Special congratulations to the University of Toronto Traffic Bowl team and to Matthew Harvey from Ryerson for a great job representing Ontario in the competition! We'll bring home the cup next time!☺



UT-ITE Traffic Bowl Team



Ryerson's Matthew Harvey (L) on the "All Star" Traffic Bowl Team in Regina

Designing World Class Transportation Systems Workshop – September 30

The City of Toronto, in collaboration with ITE Toronto Section, hosted a workshop for "*Designing World Class Transportation Systems*" on Wednesday, September 30th at North York Civic Centre. The keynote speaker for this event was Chuck Marohn, Professional Engineer, Certified Planner, President and Co-Founder of Strong Towns (www.strongtowns.org), and author of *A World Class Transportation System*. The objectives of the workshop were to:

1. Develop greater understanding of the economic, land-use, transportation and engineering implications of street design decisions;
2. Collaborate on projects in the pipeline – take projects forward; and,
3. Build interdivisional trust and networks.



Complete Street Workshop Participants

Over 70 people participated in the workshop, with representation from City of Toronto staff, TTC, Metrolinx, and other organizations. The workshops delved into interesting and relevant topics related to the development of "complete streets", "complete interchanges", sidewalk café guidelines, and other considerations to improve safety, comfort, and accessibility of transportation infrastructure for all travel modes. The feedback from the event was very positive overall, and ITE Toronto was pleased to be a part of this event. A special thanks to Adam Popper at the City of Toronto for inviting the Section to be involved!

Annual Open House, University of Toronto Institute of Transportation Engineers (UT-ITE) Student Chapter – October 2

The University of Toronto Institute of Transportation of Engineers (UT-ITE) Student Chapter invited members from ITE Toronto Section's Executive Committee to present at their annual open house about careers in transportation engineering and participation in ITE on the student level as well as the professional level. Matthew Davis, President of ITE Toronto Section, presented the various career paths available to new graduates and summarized the types of jobs associated with each career path.



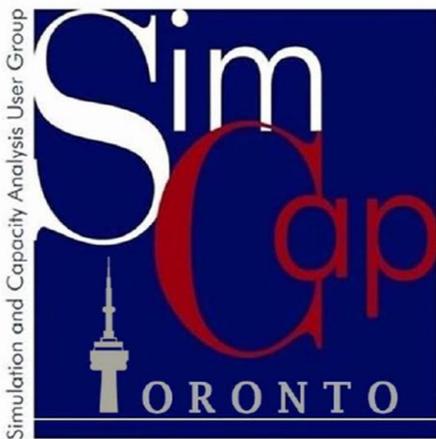
ITE Toronto Section President, Matthew Davis (R) presenting at the UT-ITE Open House



Matt also highlighted the benefits of ITE membership to the prospective members in the audience. Approximately 30-35 people attended, ranging from 3rd/4th year undergraduates up to Masters and PhD students.

UT-ITE Executive members, led by President James Lamers and Vice-President Sami Hasnine, hosted this event and provided a pizza lunch and discussion time afterwards. The Section thanks UT-ITE for the invite and is looking forward to next year!

SimCapTO: Traffic Signal Coordination & Optimization using Simulation – October 20



"SimCapTO" is the new name for the SimCap (Simulation & Capacity Analysis) User Group in ITE Toronto Section. SimCapTO and ITE Toronto's newly formed Technical Committee held an event on Tuesday, October 20, 2015 at North York Council Chambers in Toronto, titled "*Traffic Signal Coordination and Optimization Using Simulation*". The event began with some light refreshments and networking time, which was soon followed by an excellent presentation on the City's program to optimize critical signalized corridors across Toronto. Raj Bissessar and Darryl Spencer from the City's Traffic Management Centre / Traffic Control & Safety Systems group discussed the program, its associated challenges, the solutions developed to ensure that critical arterials flowed smoothly from a signal progression perspective, and future plans for further optimization of additional corridors.

This event, co-sponsored by PTV America and ITE Toronto, also included a presentation and demonstration of PTV's software and how VISTRO/VISSIM can be used to optimize traffic signal progression along corridors. Over 60 people were in attendance!

On a side note, ITE Toronto is committed to providing programs that are easily accessible by all modes of transportation. For this event, our records indicate that 43% of attendees used public transit for their trip, and 27% drove their own vehicle to the event. We also saw that 17% walked to the event and 13% carpooled. This is encouraging news, so we will continue planning events in areas easily accessible to transit!





TTC's Lower Bay Subway Station Tour - November 10, 2015

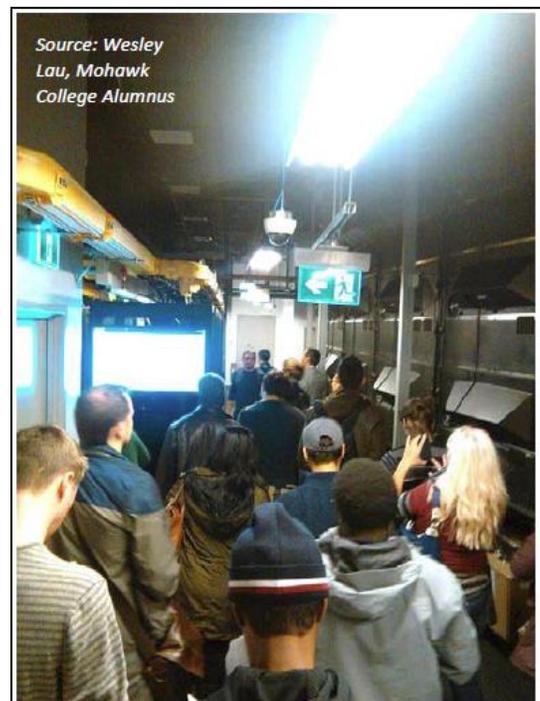
On Tuesday November 10, a capacity crowd of 20 ITE Toronto members toured a special place in the City of Toronto that represents an important part of the City's public transit legacy, a critical location for "Hollywood North" film shoots, and a rumoured centre for paranormal activity: The Lower Bay Subway Station. Our tour was led by the TTC's coordinator of film shoots, who has a wealth of information about Hollywood film shoots, TIFF parties and testing of subway station finishes at this station... and, of course, the legend of paranormal activity. This event was a great success and we hope to repeat it in 2016, so stay tuned!



MTO's Central Region COMPASS TMC Tour - November 12, 2015

As part of an annual course offering at Mohawk College on Freeway Traffic Management Systems (FTMS), students attended a field trip to the recently opened Central Region COMPASS Transportation Management Centre of the Ministry of Transportation, Ontario (MTO). The course instructor (and your ITE Toronto Section Secretary), Sean Nix, extended the invitation to 10 ITE Toronto Section members to take a sneak peek at the new facility.

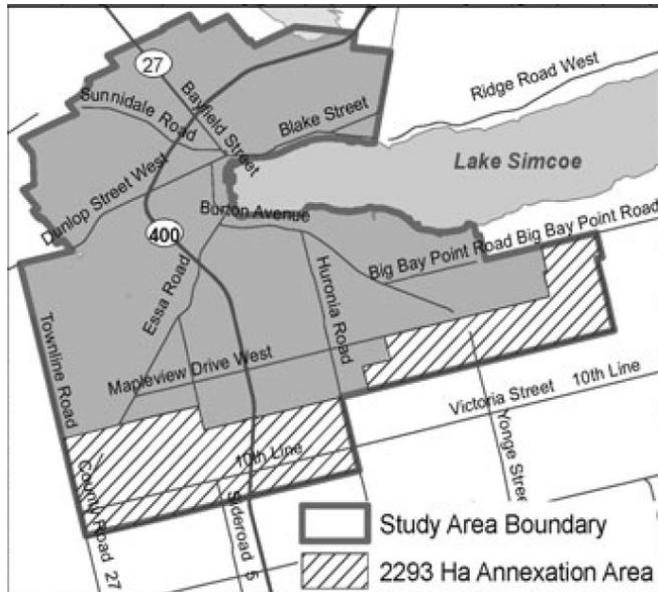
The attendees were given an overview of the facility and COMPASS operations, followed by a brief tour of the control room and equipment room. The group was then led to the second floor room that hosted the Unified Transportation Coordination Centre (UTCC) for 2015 PanAm/ParaPan Games, where they were treated to a video compilation of various incidents that were caught on the 200+ cameras that are monitored at the centre. A special thanks to Todd Minor of the MTO for leading the tour. We hope to do this again in November 2016.





Managing Growth & Change – Breakfast Session in Barrie - November 19, 2015

As part of our mandate to serve membership in areas beyond the Greater Toronto Area (GTA), the ITE Toronto Section hosted a breakfast session in Barrie. Approximately 20 people were in attendance for the session. The keynote speaker for the session was Eric Hodgins, MCIP, RPP, Growth Management Coordinator for the City of Barrie, who gave a very enlightening discussion on the City’s strategy for accommodating a forecasted 70,000 of increased population over the next 15 years, with the majority of the growth being allocated across the recently annexed lands in South Barrie. Other staff were present to speak to some of the transportation challenges associated with this plan.



In addition to talking about growth management in South Barrie, your ITE Toronto Section Past President, Matthew Davis, gave an overview of ITE activities and spoke to an opportunity about starting an ITE Lake Simcoe Chapter within the ITE Toronto Section to foster increasing ITE activity for membership within the Barrie-Collingwood area and beyond. With the help of local membership, we hope to start this chapter this year. Stay tuned for more information.

Our special thanks to Eric Hodgins for this presentation, as well as Steve Rose of the City of Barrie for assisting with the coordinating of this event.

2015 Annual General Meeting and Christmas Luncheon - December 4, 2015

ITE Toronto held its 27th Annual General Meeting & Christmas Luncheon on Friday, December 4, 2015, with over 100 people in attendance! The Executive Committee extends its gratitude to our sponsors who once again provided their generous support to offset event costs:





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The keynote address for the event was the “*Driverless Future: The State of Path to Fully Autonomous Vehicles*”, delivered by Steven Waslander, Ph.D, P.Eng, Professor in the Department of Mechanical and Mechatronics Engineering at the University of Waterloo, and, Director of WAVElab (Waterloo Autonomous Vehicles Laboratory). The topic of the keynote was chosen in part due to the rapid advances in Autonomous Vehicles (AV) and legislation recently enacted by the Province of Ontario to allow AV testing on roads. Dr. Waslander displayed his exceptional knowledge of AV development, safety issues, and AV impacts on transportation planning and engineering. Most importantly, the Professor gave the audience a glimpse of the future with AV and its anticipated penetration into our typical vehicular traffic stream – in short, AV is advancing at a fast rate but we still have time to prepare! ITE Toronto Section has Dr. Waslander’s presentation in PDF form, complete with links to some of the amazing videos shown during his presentation, posted on our website – check it out.



Photo of audience at the 2015 AGM & Christmas Luncheon

The event continued with our 2015 Section Business meeting where the Section’s activities for the last year were highlighted, and new initiatives for this year (2016) were announced. We also (finally) voted and gave a name to our previously unnamed newsletter – now called “*The Junction*”! ITE Toronto Section’s SimCap group, SimCapTO, presented a summary of its activities for the past year and announced new initiatives for the upcoming year, including the development of a “Simulation Best Practices” document to help public agencies standardize modeling submitted for transportation analysis. We also announced the upcoming refresh of the ITE Toronto homepage and our new Facebook and Twitter presence.

We were honoured to have CITE District Executives in attendance at our event this year, and CITE President Jen Malzer presented an update on CITE and its 2015 Strategic Plan. One of the highlights of Jen’s presentation was the announcement of CITE’s new Young Members Committee! Based on what we heard at the presentation, there will be great things coming from this group and we look forward to celebrating in their future successes! Jen also invited the audience to attend this year’s CITE District Meeting, being held in beautiful Kelowna, BC on June 5-8.

Our Section’s Business Meeting then continued with the election of our new Activities Coordinator, Kelsey Waugh from LEA Consulting. Congratulations on your new role on the Executive Committee, Kelsey! We also kept to our past traditions of a Raffle Draw and the “Turkey Raffle”. The Raffle



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Draw supported the John Vardon scholarship, and the prize was Blue Jays tickets, generously sponsored by BA Group. Congratulations to the raffle winners!

The business meeting continued with the Awards and Recognition portion of the event. The 2015 Student Paper Competition winners were announced first. Congratulations to Kelsey Waugh (Waterloo), Blair Hiseler (Western) and Omar Shams (Mohawk) as the undergraduate level winners, and Cameron Berko (Waterloo), Md Sami Hasnine (Toronto), and Matthew Harvey (Ryerson) as the graduate level winners! We also announced the 2015 Project of the Year Award and once again the competition was fierce with six projects being submitted for consideration. This year's winner was submitted by the City of Toronto's City Planning Division, titled "*Innovative Mobility Master Plan: Connecting Multimodal Systems with Smart Technologies for Toronto's Planning Areas*". Congratulations to the winning team and to the other teams who submitted!



Each year our Section honours our Lifetime Members as determined by ITE International. This year's recipients of Lifetime Membership were: Mr. Scott Stewart, P. Eng., Mr. Rob Wanless, P. Eng., Mr. Dave Roberts, P. Eng., Mr. David Jull, P. Eng., and Mr. Pascoal D'Souza, CET. Each Lifetime Member receives a certificate from ITE confirming their Lifetime Membership. Congratulations to all of the new Lifetime Members and thank you for your long-standing contributions to ITE!

Mehemed Delibasic was presented with the 2015 Past President's Award to recognize his efforts as Past President this year as well as his contributions to the Section over the last few years through his many positions on the Executive Committee. Thank you Mehemed for all of your hard work to make ITE Toronto what it is today!

The awards were capped by a new award category, now known as the "President's Award". This award was developed to recognize our members who provide outstanding service to ITE Toronto. This year, Bernard James and Farhad Shahla were both recognized for the 2015 President's Award! These two individuals have dutifully served the Section in critical roles over the years and the recognition was very well deserved. Next year's winner could be you!

The event concluded with a brief look ahead for the Section, including the 2017 ITE International Annual General Meeting being held in Toronto on July 30-August 2, 2017! We also presented a vision to increase engagement with members across our catchment area (which is most of Ontario!) so that all members can experience the best value from their membership. Thank you to all who came out and supported this event!





7.2 Student Chapter Activities

ITE Toronto maintains its commitment to supporting student participation in ITE activities through involvement in our Student Chapters: University of Toronto and Ryerson University. The Student Chapters organize their own events and work with the Toronto Section Executive to coordinate these events with those of the Toronto Section. Student members are also provided with an opportunity to participate in regular Toronto Section events at a discounted rate, or even free of charge.

In addition, the ITE Toronto Section Executive organized or participated in several events this year specifically aimed at our student members. These events already noted in Section 6 above are listed below:

- UT-ITE Weekly Transportation Seminar, Gardiner Expressway EA, February 20, 2015;
- University of Toronto ITE Student-Industry Mixer, March 4, 2015, at Hart House;
- Ryerson ITE Student Social Event, March 20, 2015;
- 7th Annual Toronto, Hamilton, and Southwest Ontario Sections Joint Student Presentation Competition, University of Waterloo, March 24, 2015;
- Traffic Bowl Trivia Night, Wednesday, May 21, 2015, University of Toronto;
- 2015 CITE Conference and Collegiate Traffic Bowl, June 7-10, 2015, Regina, SK; and,
- Annual Open House and Friday Seminar, University of Toronto Institute of Transportation Engineers (UT-ITE) Student Chapter, October 2, 2015, University of Toronto.

7.3 Scholarships

Our traditional raffle for CITE's John Vardon memorial scholarship was held at our Christmas Luncheon and Annual General Meeting (AGM). This year the raffle raised a total of \$285, which was matched by ITE Toronto Section for a total donation amount of \$570! This is the highest amount raised for this raffle/scholarship in the history of the Section.

8.0 Communications

ITE Toronto has typically maintained a newsletter, an email distribution list of members, and a website to accommodate the communication needs of the section. The Executive has made some changes to the way the Section delivers and receives communication. These changes are detailed in the following sections.

8.1 Newsletter

The ITE Toronto Executive typically produces and distributes a formal newsletter (via email) throughout the year as well as sends e-mail reminder notices and updates for key events on a discretionary basis. Two (2) electronic newsletters were sent in 2015, representing a decrease in the number of newsletters when compared to previous years. Our Executive experienced some significant scheduling conflicts early in the year which hampered our efforts to kick off the year in January, and, the preparations for and execution of the Pan-Am/Parapan-Am Games in July kept most of the



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Executive preoccupied over the Spring and into the Summer months. To that end, the feedback we have received for this year was generally positive regarding the reduced number of newsletters, and the Executive was encouraged to explore the idea of providing high quality newsletters on a quarterly basis— similar to how CITE manages "Transportation Talk", instead of sending newsletters each month or even bi-monthly.



This year, the Executive realized that branding helps publications such as newsletters become more recognizable to members and external readers alike. To that end, the Executive moved to have a naming contest for our newsletter. Member participation in the contest was fairly low throughout the year, so we initiated a vote at the AGM. The choices submitted for consideration were "*The Transportonian*" and "*The Junction*", with the "*The Junction*" winning by an overwhelming majority! During 2016, the Executive will work on developing an appropriate graphic logo to accompany the new title on our future newsletters.

Once these updates are made to the newsletter and the Section's website is modified, the Executive also plans to distribute the newsletter via weblink and pdf format to encourage members to visit the website more often.

8.2 Advertisements

The Section currently offers an external training advertisement distribution service to its members. For a small fee (\$100), an advertisement is distributed through our e-mail distribution list to our members. We consider this a valuable service to our members. For all employment inquiries, it is our policy to inform the individual of the CITE job posting service. For transportation events organized by non-profit organizations, we will circulate their notice for free, but also ask for an in-kind service.

The Executive has considered the concept of allowing corporate advertising in the newsletter as a potential source of revenue and will revisit this option once the upgrades to the newsletter as described in Section 8.1 have been completed.

8.3 Website

Bernard James (MTO) agreed to continue to maintain the ITE Toronto website on behalf of the Ryerson student chapter in exchange for having the money spent on maintaining the website provided to the Ryerson student chapter for future events.

This year, the Executive voted to have the website (www.itetoronto.ca) undergo a "refresh" to enhance its visual appeal and to improve the website's functionality. The Executive hired a webmaster to redevelop the page for a small fee. The refresh was scheduled to take place in January 2016. Up to the time this report was published, there has been a soft re-launch of the site, with the goal of having the site fully functional in Fall 2016.



8.4 Social Media

As previously mentioned in this report, the Executive moved to enhance the Section's communication capabilities between members and between the Executive and the entire membership. To that end, we have established a Facebook presence as well as a Twitter presence, all at no cost. The Executive also established a free Dropbox account to increase communication, filesharing, and collaboration between Executive members and to provide a central archive of Section documents, photos, and presentations.

- Section Communications



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9.0 Key Recommendations

1. Accelerate website redevelopment to ensure full functionality prior to 2017 ITE Annual Meeting & Exhibit.
2. Deepen our relationship with YPT and explore joint programs and membership options.
3. Continue outreach activities to geographic areas outside the GTHA and work to help develop chapters in areas with a significant number of members sufficient to lead chapters.
4. Continue working with York University on the development of a student chapter.
5. Consider re-establishing a Communications Coordinator capable of and responsible for maintaining our Social Media presence and keeping it current.



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6. Continue discussions regarding the implementation of Section dues while simultaneously planning events and providing services that would justify this cost. ITE Toronto is the only section in CITE with over 90 members that does not charge Section dues.
7. Continue discussions with other Ontario sections to plan QUAD-style meeting and/or social event (e.g. golf tournament for charity). Once this Ontario-wide planning is successful, consider reaching out to US ITE sections close to the border.
8. Consider allowing corporate advertising and sponsorship on our newsletter and website to increase revenue streams to a level which will allow the section to plan larger events.
9. Take extra care in programming in popular events year to year which fill up due to limited capacity (e.g. Lower Bay Subway Tour, MTO COMPASS/TMC Tour).
10. Encourage participation in the new Planning Committee and the Awards Committee to get much needed help to the Executive in event planning throughout the year and to develop multi-year event planning.
11. Improve the Section's involvement in CITE's Younger Members initiative.
12. Consider the concept of having a newsletter editor who remains on board regardless of changes in the Executive. This produces a better, more consistent newsletter for the membership.
13. Consider videoconferencing for Executive meetings.
14. Continue working with the District Director and other CITE Executives in the planning and execution of the 2017 ITE Annual Meeting & Exhibit being held in Toronto.
15. Technical Committee should continue its discussions with CITE's Technical Liaison Committee to be included in the TLC project portfolio and facilitate growth of SimCap beyond the ITE Toronto geographic footprint.
16. Develop a graphic logo for the Section newsletter to represent its new name, "*The Junction*".
17. Continue looking for more ways to recognize members for their contributions to the Section and/or CITE / ITE.
18. Consider generating a high quality newsletter which may garner recognition by ITE. CITE could perhaps have its own award for newsletters across the District as well.
19. Work with CITE to become more aware of legislative actions which impact our profession and report on them to the membership promptly.
20. Ensure that ITE initiatives, submission deadlines, etc are being promptly advertised and shared with ITE Toronto members through our various communication channels.