

Transportation



Talk

CANADIAN INSTITUTE OF TRANSPORTATION ENGINEERS MEMBER NEWSLETTER
Volume 36, Number 1



REGION OF WATERLOO | JUNE 1-4 2014

TRANSPORTATIONfest
A Celebration of Innovation

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Welcome

to Waterloo Region

After a very long winter, the snow is finally melting in Waterloo Region and the Local Arrangements

Committee for the 2014 Joint CITE / OTC Conference is looking forward to welcoming you on June 1st. We've put together an exciting program of events to inspire you professionally, to let you catch up with your colleagues from across the country (from CITE and OTC), and to share what we are doing in transportation in our community!

Our theme this year is *Transportationfest: A Celebration of Innovation*. Our technical program is sure to inspire you to bring innovative ideas back to your community and workplace. We will be highlighting work from across the country that is changing the way we plan, design, implement, and maintain our transportation systems.

Take this opportunity to experience an authentic Oktoberfest evening with a great show from our traditional German dancers and band at the Monday night banquet. Also, we hope you'll join us at the Tuesday night student mixer where you can meet some of the people who are just joining our profession. Besides being a fantastic chance to

Continued on next page

support our students, the event is sure to be memorable with a live band and an outdoor volleyball court for those who still have some energy left after the annual street hockey game.

Finally, we will be showcasing some of the exciting work in transportation in this community through the technical tours. You will hear from some of our community leaders who will share how transportation spurs economic development and supports the growth of businesses and the community broadly in Waterloo Region.

All the information you need for the conference is included below. If you want more details, you can visit our website at www.cite7.org/WaterlooRegion2014. We look forward to welcoming you in June!

Paula Sawicki

Paula Sawicki, PEng
Chair, 2014 Local Arrangements Committee



VOLUNTEERS



The LAC for this year's Joint CITE / OTC Conference is looking for volunteers for roles such as room captains and information services, with each assignment lasting no more than a few hours per day. If you're interested in joining our team, even if it's only for one shift, please contact our Volunteer Coordinator, Erica Bayley, for more information.

WaterlooRegion2014_Volunteers@cite7.org

COMPANION PROGRAM



The conference will not be hosting an official companion program. Please contact the concierge in the lobby of the Crowne Plaza Kitchener-Waterloo with any questions you have regarding local attractions, local dining, or entertainment locations, or visit:

www.explorewaterlooregion.com

REGISTRATION INFORMATION

REGISTRATION TYPE	Early Bird	After April 30
Full.....	\$595.00.....	\$645.00
Students.....	\$275.00.....	\$275.00
Daily.....	\$300.00.....	\$325.00



<http://conference.cite7.org/>

EVENT TICKETS

Welcome Reception.....	\$10 per
Lunch Tickets.....	\$35 per
Monday Banquet.....	\$60 per

Notes

- Full and Student registration includes one complete set of event tickets. Note: Students must provide proof of full-time student status when receiving the registration package at the conference.
- Daily registration includes event tickets for the day-of with the exception of the Monday banquet (which must be purchased separately).
- Special Note: Ontario HST (13%) will be applied in addition to all above noted.

Changing or Cancelling an Order

All change or cancellation requests must be submitted in writing to WaterlooRegion2014_Finance@cite7.org. A full refund will be provided if the request is received prior to May 19, 2014 (23:55 EDT). A 50% refund is provided if the request is received prior to May 26, 2014 (23:55 EDT). No refunds or change orders will be accepted after May 26, 2014.

For more information contact:
WaterlooRegion2014_Finance@cite7.org



WHERE TO STAY

The Crowne Plaza Kitchener-Waterloo is Kitchener's largest and premier full service hotel. Ideally located in the heart of downtown Kitchener, the Crowne Plaza Kitchener-Waterloo is the jewel of downtown, providing upscale accommodations and meeting/conference facilities. With a multi-million dollar renovation just completed, each guest room is

brand new, offering our guests a luxurious stay. Three special room rates are available for CITE / OTC Conference delegates. To book, please use this direct booking link or use group code "CTE".

PLEASE NOTE that this special rate is only guaranteed until April 30, 2014.

Visit the Westin bookings link for CITE delegates: http://www.ihg.com/crowneplaza/hotels/us/en/kitchener/ykfcphotel/detail?qAdlt=1&qChld=0&qRms=1&qlta=99801505&qGrpCd=CTE&qPSt=0&qSmP=3&qWch=0&qSHp=1&qBrs=6c.hi.ex.rs.ic.cp.in.sb.cw.cv&qSrt=BRAND_SORT&qRpp=25&qRRSrt=rt&qFRA=1&srb_u=1&icdv=99801505

Standard Two Queen Bed Room	\$119
King Executive Room	\$139
King Suite Room	\$179

TECHNICAL SESSIONS

MONDAY, JUNE 2nd

MORNING SESSIONS STARTING AT 10:25 AM

Session 1A – Accommodating Pedestrians at Roundabouts

- *Panel discussion* Presenter(s): P. Weber

Session 1B – MTO Presentations (OTC Session)

- *Update from MTO* Presenter(s): G. Chaput
- *MTO Time Travel Study* Author(s): TBD

Session 1C – Moving Goods Safely and Efficiently

- *Guidelines for Creating Safe and Efficient Freight Supportive Communities* Author(s): B. Sears, J. Gough, K. Brown
- *Edmonton Goods Movement Strategy* Author(s): H. Hassan
- *Improving Pedestrian Safety at Railway Crossings* Author(s): P. Izadpanah, M. Elmadhoon, K. Hawash, A. Hadayeghi

AFTERNOON SESSIONS STARTING AT 1:10 PM

Session 2A – Pedestrians at Intersections

- *City of Toronto's Leading Pedestrian Interval Implementation Guide* Author(s): S. Saneinejad
- *Pedestrian Safety and Driver Yielding at Crosswalks* Author(s): J. Lacoste, A. Campbell, S. Klassen, Dr. J. Montufar
- *Implementation of Adult Crossing Guard at Roundabout* Author(s): S. Tam, K. Hutton, D. Wong

Session 2B – Highway Design and Safety

- *Fractal Approach to Clustering of Roadway Crashes* Author(s): J. Hemingway
- *A Diverging Diamond Interchange in Saskatchewan?* Author(s): P. Steel, T. Schmidt, B. Miller

Session 2C – TLC Seminar: CLASP (Part 1)

Coalitions Linking Action and Science for Prevention is an initiative that aims to improve the health of communities and of Canadians

AFTERNOON SESSIONS STARTING AT 3:05 PM

Session 3A – Cycling Facility Guidance and Experience

- *Ontario Traffic Manual Book 18: Cycling Facilities* Author(s): D. Richardson

- *Lake to Lake Cycling Route and Walking Trail Feasibility and Design Study* Author(s): D. Kowpak, D. McLaughlin, R. Hui
- *Calgary's Centre City Cycle Track Network Phase 1: 7 Street SW Cycle Track Opportunities and Challenges* Author(s): S. Ali, S. Mishra

Session 3B – Looking to the Future of Traffic Operation

- *City of Toronto Downtown Transport Operations Study* Author(s): R. Stewart, M. Currie, M. Colwill, P. Richards
- *Safety Improvements of Adaptive Traffic Signals* Author(s): J. Clark
- *Travel Times for Information & Proactive Control* Author(s): S.S. Moghaddam, Y.Hu, R. Noroozi, B. Hellinga

Session 3C – TLC Seminar: CLASP (Part 2)

Coalitions Linking Action and Science for Prevention is an initiative that aims to improve the health of communities and of Canadians

TUESDAY, JUNE 3rd

MORNING SESSIONS STARTING AT 8:30 AM

Session 4A – Achievable Bikeways for Every Community

- *Panel Discussion* Presenter(s): N. Moores, M. Saavedra

Session 4B – Special Events (OTC Session)

- *Security and Traffic Flow at the PanAm Games* Author(s): M. Kenneally
- *Traffic Issues During Filming on City Streets* Author(s): E. Jensen
- *Major Special Events, Opportunities and Challenges* Author(s): J. Crass

Session 4C – TLC Seminar: Hot Topics

MORNING SESSIONS STARTING AT 10:25 AM

Session 5A – Designing Bicycle Networks and Policy

- *Bicycle Safety: An analysis of the Lateral Distance between Motorized Vehicles and Bicyclists During Overtaking Manoeuvres* Author(s): K. Mehta
- *Regional Bicycle Network Enhancement-An Evaluation Methodology and Case Study Review* Author(s): J. Workman

- *Accommodating Cyclists in Non-Urban Roundabouts* Author(s): S. Kellner, M. Héту, E. Dessureault

Session 5B – Traffic Enforcement (OTC Session)

- *OPP Aircraft Enforcement of Speeding*
Author(s): B. Humber
- *Enforcement Measures of Low-Speed Vehicles*
Author(s): H. Smith
- *The CAA's Text While Driving Campaign*
Author(s): E. Silverstein

Session 5C – Advances in Urban Transportation Planning

- *Location Efficiency: Transit Oriented Development and Mortgage Policy* Author(s): E. Bruun
- *Complete Streets Implementation in Edmonton*
Author(s): D. Vriend, A. Anderson, S. Dyck, S. McCabe
- *Deriving Trip Purpose for Personal GPS Travel Surveys* Author(s): J. Lamers

AFTERNOON SESSIONS STARTING AT 1:10 PM

Session 6A – Considerations for Active Transportation

- *Mobilizing Knowledge for Active Transportation*
Author(s): E. Morrison, P. Truch
- *Creating Shared Streets for Cyclists and Motorists in Downtown Kitchener*
Author(s): J. Joseph
- *Active Transportation Infrastructure*
Author(s): A.R. Masoud

Session 6B – Public Consultation (OTC Session)

- *Billy Bishop Airport Proposed Expansion*
Author(s): F. Chapman
- *Garnering Support for Suburban Bike Lanes*
Author(s): G. Haines
- *Using On-Line Tools to Engage the Public*
Author(s): D. Green

Session 6C – Transportation Planning Case Studies

- *Transportation Corridor Study Review Project*
Author(s): S. Kay, I. Akhnoukh, C. Matwie
- *Toronto's Congestion Management Plan*
Author(s): R. Bissessar
- *Planning for the Provision of Bike Parking at Light Rail Transit Stations*
Author(s): J. Gough, J. Walker

AFTERNOON SESSIONS STARTING AT 3:05 PM

Session 7A – Designing the Transit Systems of Tomorrow

- *Building Transit Resilience in the City of Toronto: A Case Study Approach to Exploring the Impacts of Severe Disruptions on Urban Public Transit Systems* Author(s): J. Man
- *Planning for Waterloo Region's ION LRT*
Author(s): E. Peissel, M. Mirza
- *Mount Dennis Mobility Hub: A Case Study in Balancing Rapid Transit Infrastructure with Land Use and Urban Design Objectives*
Author(s): I. Griffiths

Session 7B – Design and Feasibility for Modern Roundabouts

- *The Canadian Roundabout Design Guide*
Author(s): M. MacDonald, G. Chartier, J. McGill, M. Skene, M. Jacobson
- *Developing a Feasibility Framework for Roundabouts: A Decision Making Tool*
Author(s): A. Mitra, D. Richardson
- *High-Speed Roundabouts - Myth or Reality?*
Author(s): E. Dessureault, M. Héту, S. Kellner

Session 7C – TLC Seminar: Safety

WEDNESDAY, JUNE 1st

MORNING SESSIONS STARTING AT 8:30 AM

Session 8A – Sustainability & Health

- *Understanding Transportation Sustainability in Midsize Canadian Cities* Author(s): E. Toop, J. Engel-Yan, E. Miller
- *Transforming Health Policy and Evidence into a Sustainable Transportation Facility Framework for all Road Users in Clearwater, BC*
Author(s): I. Roth, P. Truch, P. Moore, G. Chin
- *Secondary Benefits of GHG Regulations for Toxic Air Pollutants* Author(s): M. Lepage

Session 8B – Traffic Simulation Software (OTC Session)

- *Modeling High Occupancy Toll Lanes*
Author(s): R. Pringle
- *Streamlining the Simulation Process Using SimFrame* Author(s): C. Pascos
- *SimCap User Group Discussion*
Author(s): M. Davis & N. Chan

Session 8C - Rapid Fire: 20x20

TECHNICAL TOURS

MONDAY, JUNE 2nd

BICYCLE TOUR



This tour will highlight recently constructed cycling infrastructure in the City of Kitchener as well as planned work, much of which is focused in the downtown. The tour will also showcase a wayfinding pilot project, as well as the integration between on- and off-road infrastructure. There may be an opportunity to ride the Block Line

Road cycle track and see the pros and cons of the facility, including integration with a roundabout at Homer Watson Boulevard.

RAPID TRANSIT

ION Rapid Transit in Waterloo Region

Listen | Ask | Walk | Learn



Rapid transit in Waterloo Region is shaping the community and redefining the urban landscape. The ION Rapid Transit project is being developed in two stages including 19 km of Light Rail Transit (LRT) and 17 km of adapted Bus Rapid Transit (aBRT) in the first stage and conversion of the aBRT line to LRT in Stage Two. Construction on Stage

One is set to begin this year.

Listen to an ION team member present the evolution of the project, touch on stop design concepts, demonstrate its impact on land-use development and share in the project's next steps. A 45 minute ask and answer period will follow the 30 minute presentation, enabling participants to engage in discussion with the ION representatives.

Participants will then be invited to join in a 75 minute walking tour of the planned Downtown Kitchener stops. A walking tour map and a brief commentary at each stop location will be provided.

TUESDAY, MAY 31st

AIRPORT TOUR



The Region of Waterloo International Airport (CYKF) is Canada's 17th busiest by aircraft movements, handling 138,733 passengers and 106,923 movements in 2013. CYKF is one of the best supported airports in all of Canada and has available passenger and aircraft

capacity along with serviced land ready for construction. Over \$100 Million has been invested in the airport since 2000 to renovate and expand airport infrastructure. A new Master Plan is under development looking at future opportunities and expansion possibilities. Participants will be given a guided bus tour of the airfield infrastructure, followed by a foot-tour of the brand new 33,000 square foot Airport Operations Centre and Fire Hall.

BRIDGE TOUR



Waterloo Region is home to many landmark bridges, representing advanced bridge technology both past and present. This tour will take participants by bus to historic and modern bridges across the Region, showcasing an evolution in bridge building technology from the

19th-century to today. The tour will begin with a look at Ontario's only remaining authentic vehicular covered bridge, followed by an early 20th-century double truss bridge, a multi-span concrete bowstring arch bridge, and two modern concrete structures. Participants will have time to explore most bridges on foot.

For full details and the most recent information, visit the website at

www.cite7.org/WaterlooRegion2014

DOWNTOWN WALKING TOUR



The Start of Awesome: How Transportation is Helping Build Innovation in Downtown Kitchener

Downtown Kitchener has undergone a dramatic transformation over the last 10 years. Emerging as focal points of the Toronto-KW Innovation Super Cluster, Light Rail Transit and inter-regional rail transit are

keys to the future of one of Canada's fastest growing technology and start-up communities. See what has happened so far (from factory loft conversions to digital media incubators) and what is in the works (from condo towers to a high density urban business park). Another critical element to the success of Downtown Kitchener is the shift toward people-focused streets. You'll get an insider's tour of international award winning King Street - with parking spaces that convert to cafe space, super-sharrow bikeways, and a true European plaza.

ROUNDAABOUT TOUR



Since 2004, roundabouts have been an important part of the roadway landscape in Waterloo Region. The Region currently has 19 roundabouts in operation, 3 single-lane, and 16 multi-lane, with AADT ranges of 9,600 – 37,500 vehicles per day, and AADP ranges of 0 – 1,600

pedestrians per day. This unique bus tour, led by Regional representatives from design, construction, and operations, will take you to different locations in Waterloo Region to see a variety of roundabouts used by motorists, pedestrians, bicyclists, and horse and buggies.

SPECIAL EVENTS

SUNDAY, JUNE 1st

KITCHENER BIKEFEST 2014

11:00 a.m. to 3:00 p.m. | RAIN OR SHINE

Kitchener BikeFest is a community event celebrating the power of the bicycle in positively transforming our health, environment and community. Last year's event brought over 1,500 residents into Downtown Kitchener and included activities such as free bike-tune ups, live

music, free food, and cycling skills workshops. Come early to the conference and experience this exciting event. For more information on the 2014 Kitchener BikeFest, and to watch the highlight video, follow the link below.

<https://www.kitchener.ca/en/livinginkitchener/BikeFest.asp>



WELCOMING RECEPTION

The traditional Sunday evening Welcoming Reception will provide you with the opportunity to catch up with fellow attendees and friends while you enjoy beverages and appetizers in the relaxed atmosphere of our conference exhibitor area.

MONDAY, JUNE 2nd

OKTOBERFEST AT THE SCHWABEN CLUB



The annual dinner banquet will be held at one of Waterloo Region's oldest traditional fest halls, The Schwaben Club. Delegates will enjoy a traditional Oktoberfest party, complete with a special Oktoberfest menu, traditional German dancers, and live entertainment by a local German Oktoberfest band.

TUESDAY, JUNE 3rd

PAST PRESIDENTS BREAKFAST

The Past President's Breakfast provides a forum for District and Section presidents, either currently sitting or who have completed their term in office, to discuss matters affecting the Canadian District, and serves as a think tank to identify issues that the CITE Executive should focus on in the coming years.

STUDENT INITIATIVES BREAKFAST

New this year is the Student Initiatives Breakfast. Hosted by the CITE Vice President, the purpose of this invitation-only breakfast is to allow the opportunity for both student chapter advisors and industry scholarship sponsors to meet in person. Not only to put faces to names, but to improve both access and delivery of our student awards and scholarships. The future of our industry and organization is intricately tied to the success of those newest members and achievers – our students. For more information please contact Jen at vicepresident@cite7.org

STREET HOCKEY CHALLENGE AT KITCHENER CIVIC SQUARE

Once again delegates will meet for a game of street hockey, this time with CITE / OTC bragging rights on the line. This year's hockey challenge will take place in Kitchener's Civic Square surrounded by City Hall in the heart of downtown Kitchener. Bring your "A" game – equipment will be supplied.



STUDENT MIXER AT BOBBY O'BRIEN'S

Join us Tuesday evening after the hockey game for our annual Student Mixer. The CITE Student Chapter from the University of Waterloo will be hosting this event at Bobby O'Brien's, a local pub in downtown Kitchener. While the students are keeping activities at their event a secret, we can tell you that a fantastic band, Chalk Board Menu, will lead an evening of great fun and mingling! There will be food and activities to help practicing professionals and students get acquainted.



WEDNESDAY, JUNE 4th

TRAFFIC BOWL

Teams from across Canada will travel to Waterloo Region to compete in the CITE Traffic Bowl. The winners of the event will travel to Seattle, Washington to compete in the ITE Collegiate Traffic Bowl to be held during the ITE 2014 Annual Meeting and Exhibit this coming August.



CITE / OTC AWARDS LUNCHEON AND CITE ANNUAL GENERAL MEETING

The Canadian Institute of Transportation Engineers, and the Ontario Traffic Council, will present a series of awards to honour outstanding achievement in transportation and distinguished service. These awards, presented during the Awards Luncheon, bestow recognition upon the recipients, and increase the public's awareness of the role and responsibilities of the transportation practitioner. Following the luncheon, CITE will hold its Annual General Meeting to review the business of the organization.

SPEAKER SERIES

MONDAY, JUNE 2nd



OPENING KEYNOTE SPEAKER

Iain Klugman | CEO, Communitech

The keynote speaker for our plenary session will be Iain Klugman, CEO of Communitech in Waterloo Region – Canada's hottest technology cluster. Communitech is one of North America's leading tech enabling organizations, supporting the growth of more than 1,000 small, mid-sized, and large technology companies. Iain will share the story of the conception and growth of Communitech.



LUNCHEON GUEST SPEAKER

Dr. Jeff Casello | Professor, University of Waterloo

The speaker for our first lunch session will be Dr. Jeff Casello, an Engineering Professor at the University of Waterloo jointly appointed to the Department of Civil and Environmental Engineering, and the School of Planning. Jeff will be drawing from his broad transportation and urban development background to give his perspective on the role of transportation engineering and planning in City building.

TUESDAY, JUNE 3rd



LUNCHEON GUEST SPEAKER

Rod Regier | Executive Director, Economic Development City of Kitchener

The City of Kitchener is in the midst of an exciting renewal of their downtown. Rod will be talking about the importance of collaboration among urban professionals, including transportation professionals, in achieving the economic goals set out by the City. He will speak to the critical role that the Region's LRT will have in shaping Kitchener's downtown, and he will share the significant successes the City has achieved over the last several years including some of the challenges they are currently facing. On Tuesday afternoon, City staff lead a walking tour of the downtown area to highlight some of the projects that have been built and are under development as part of the renewal in the downtown core.

2014 SPONSORS

CITE, OTC, and the 2014 Local Arrangements Committee would like to thank the following Sponsors who have graciously contributed their support toward the success of the Waterloo Region 2014 conference. Select sponsorship opportunities are still available. Please contact Stewart Elkins for further information at WaterlooRegion2014_Corporate@cite7.org

PLATINUM



GOLD



CORPORATE



SILVER

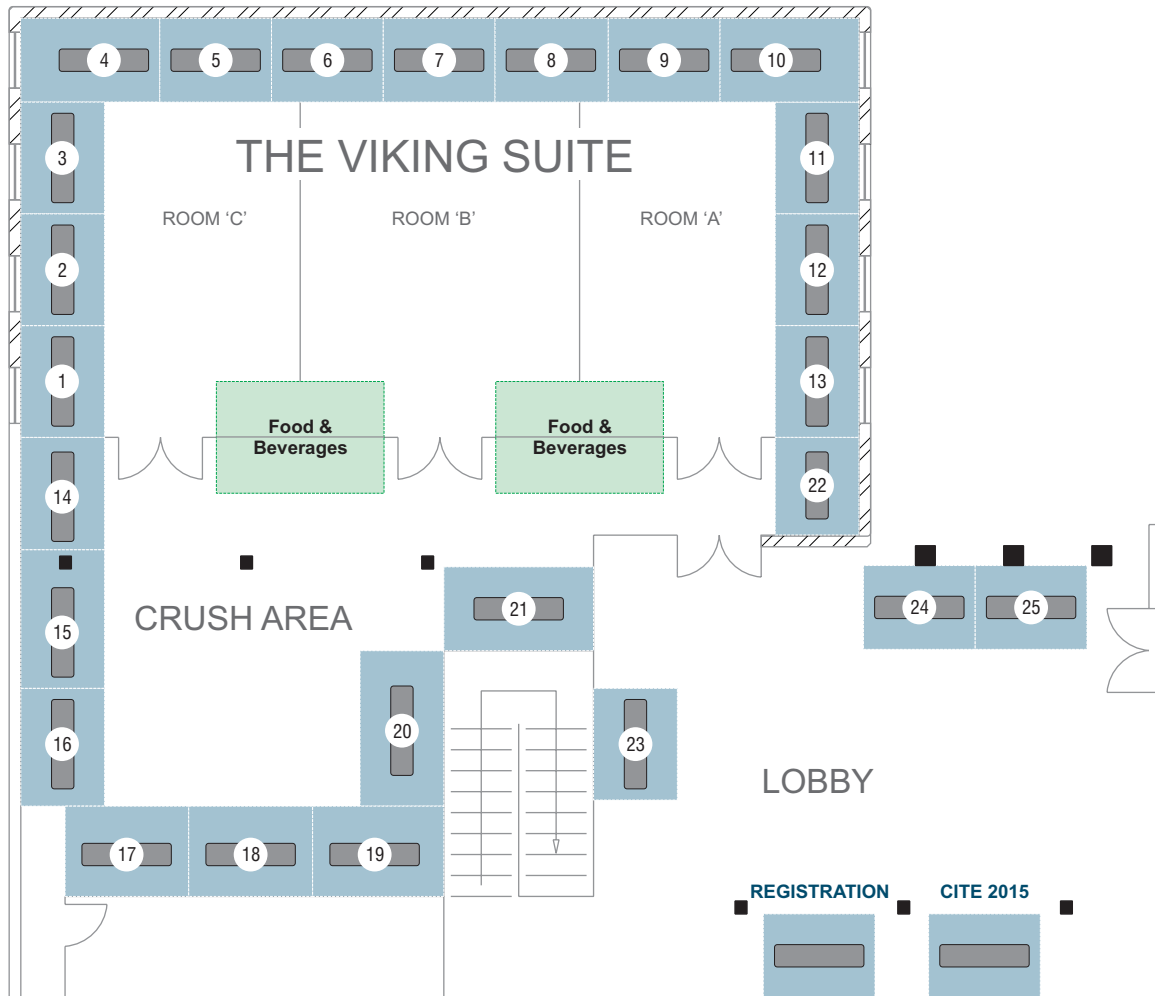


BRONZE



EXHIBITORS

CITE, OTC, and the 2014 Local Arrangements Committee would like to welcome the following Exhibitors who have confirmed their participation in the 2014 Trade Show. A limited number of exhibitor spaces are still available. Please contact Stewart Elkins for further information at WaterlooRegion2014_Corporate@cite7.org



- | | | |
|-------------------------------------|--|-------------------------------|
| 1..... Tacel Ltd. | 10..... City of Waterloo | 19..... available |
| 2..... Electromega Limited | 11..... A.E. Traffic | 20..... Traffic Logix |
| 3..... available | 12..... TES Information Technology Ltd | 21..... Miovision |
| 4..... Innovative Traffic Solutions | 13..... PTV America Inc. | 22..... available |
| 5..... Kiwi-Newton Parking | 14..... available | 23..... Paradigm |
| 6..... Stinson Equipment | 15..... RWDI Air Inc | 24..... Econolite Canada Inc. |
| 7..... The Get Go Inc. | 16..... available | 25..... Econolite Canada Inc. |
| 8..... Trafco | 17..... available | |
| 9..... SIDRA Solutions | 18..... available | |

PRESIDENT'S PONDERINGS



Left: There is a reason for the trophy pictured to the left. We need your help! The explanation can be "found" in this edition of Transportation Talk.

Hello fellow CITE members!

After a hard winter for many of us across the country, I hope that many of you are now enjoying a long overdue spring.

This is another action-packed edition of *Transportation Talk* (TT). Our WaterlooRegion2014 local arrangements committee has been very busy preparing a great conference experience for delegates. Many of the details regarding the special events, technical tours, and of course a dynamic technical program are included in the preceding pages. Kudos to all those involved in organizing what is sure to be a memorable event!

Also included in this edition are messages from your two candidates for International Vice President, both of whom will be attending the conference. I encourage you to take some time to read their messages, and to meet them at the conference.

As with many organizations such as ours, one of the ongoing struggles is finding volunteers. CITE's District Director, Bruce Belmore, has reached out to many of our current and past volunteers asking them to highlight their reasons for becoming involved, and the benefits that can be gained from giving back. The success of an organization such as ITE depends on its volunteers. Please consider how you can contribute to our future!

Continuing the theme of volunteering... Mike Skene of the Technical Liaison Committee (TLC) interviewed one of our

industry's great leaders and contributors - Dr. Stan Teply. In recent years the TLC created an annual award in Stan's name specifically to recognize an outstanding transportation project that has shown significant and proven technical achievement. During this year's Award Luncheon the inaugural award will be presented, along with many other well-deserved recipients, including one specifically for Outstanding Voluntary Contribution. This shout-out goes to our Vice President, Jen Malzer, for an exceptional job of managing this year's submissions and nominations - Well done!

At CITE we believe in recognizing those that make significant contributions, and our awards program honors those newest members to the industry - our students - as well as those who have been contributors for many years.

There is a tremendous amount of information in this edition, our organization has been busy. The Section and Student Chapter submissions speak to the wealth of activities that have been occurring across the country.

One final item I want to highlight are the financial statements. Due to the diligence of Edward Soldo, Secretary-Treasurer, our books are in fine health! Please take a few moments to read Edward's message explaining the efforts taken to position CITE as a financially sound organization.

Thank you to each of you - for being a part of the CITE family. I look forward to seeing you at our annual conference in June!

Cheers,

Handwritten signature of Peter Truch.

Peter Truch, PEng., PTOE, FITE
Canadian District President
president@cite7.org

YOUR

DISTRICT DIRECTOR

..... that's him -->



.....has **SOMETHING IMPORTANT** to say!

GETTING MORE THAN YOU GIVE

So you recently graduated and are now wondering what you can do next to accelerate your career. One measure I would encourage is to get involved in ITE. I know there are many ways to spend your free time outside of work so you may be wondering, "Why would I want to get involved?" The simple answer is... the more you give, the more you get out of an organization. While you could continue to simply attend Section meetings to listen to speakers, you may also be the hands-on type that wants to directly help shape the organization and our industry.

Actively participating in an organization like ITE can have a raft of benefits. Hopefully this article will help emphasize that each person has something important to share in industry, including their knowledge, passion, and views.

The former Canadian finance minister Jim Flaherty, who recently and tragically passed away within a month of retiring from government, is a great example of someone who believed in giving their time to something they passionately believe in. He once remarked about being a civil servant and indicated that it was better to give of your time than to simply make money. These are powerful words from a person who worked long days doing a job that is always high on the list for criticism. Likewise, the new U.S. Ambassador to Canada, Bruce Hemsey, was recently on CBC radio saying he jumped into the job only because he was asked by President Obama to participate in helping his country.

One last reference about giving back. Former ITE International President Earl Newman is well-known for a lifetime of giving to ITE. All of us have heard stories about Earl's passionate involvement and love for ITE. One of my favorite stories is, knowing he has a passion for baseball, Earl would continue to amass baseball memorabilia to his wife's displeasure, and then later quietly donate all these personal treasures to the local ITE Section for fundraising by silent auction. This was all done out of his own pocket. He will probably be annoyed that I am telling

this story but it goes to show that people will go to great lengths when they love and believe in something.

I wanted to hang out with my peers and do cool projects while still assisting my career by being on the edge of the latest developments and the fastest way to learn about the industry.

... Mike Skene | Chair, Technical Liaison Committee

I asked several ITE members to describe in one or two sentences why they originally participated in ITE and, rather than the sentence or two requested, I got back the following answer from Doug Allingham – well-known CITE past-president and winner of the prestigious H.R. Burton Award winner for a lifetime of industry involvement:

Here are a few reasons that I originally joined ITE.

- to share accomplishments and develop additional skills and knowledge;
- to enhance my developing skill base;
- to get to know the transportation community;
- to demonstrate commitment to an industry that I believed in;
- to gain leadership skills;
- for recognition for my organization (applies to public and private sector professionals);
- to have an impact in the industry;
- to learn something new;
- to become an "insider" and gain recognition in the business; and
- to be part of a group with similar interests and skills.

After being part of the organization for some time, my reasons for staying were somewhat different than my reasons for joining.

- to identify top talent in the industry;
- to attract new leaders to the industry;
- to promote the development of new ideas and technologies;

Continued on next page

- to increase the profile for the members in the broader community; and,
- to improve the profile of my staff and company.

My own experience is similar to Doug's. In slightly different words, I got involved with ITE to network with others in the industry and to learn technical skills. I still put ITE at the top of the heap in Canada for providing the technical tools we need to do our jobs. Once I started participating at the Section level, there was a whole new appreciation that I gained for the organization. I have been involved in ITE for over 25 years now. It has been truly an amazing journey and I value the experience, knowledge, business connections, and friendships that I have gained along the way.

Not only have I had the opportunity to participate in several initiatives that have advanced the profession, I have met many wonderful people and made some great friends through my involvement in CITE. I have often said that if it wasn't for the people and the fun we have, I would have stopped volunteering a long time ago, as I have many other demands on my time.

... Gene Chartier | Waterloo Region 2014 CITE Conference

It's very true that people's motivations for participating in an organization change over time. Often, initially it is to gain technical knowledge. Based on the results of the recent ITE Members Survey, senior members often state that they stay involved to "give back", stay connected and see the organization stay strong.

Getting involved is empowering. What you really get is to help shape something of value for yourself and others. The Young Members Committee, comprised primarily of those under age 35, clearly wants to impact the operation of ITE, make it their own and leave their mark on the organization and our industry as a whole. They recently met at the ITE International conference in

I originally volunteered my time to CITE as a way to get involved in my profession and earn EIT points. I continue to volunteer with CITE because of the fantastic people involved and the great work being done. I have met and worked with top transportation professionals and helped promote and advance transportation engineering in my province and across Canada. I have learned a lot about my profession and myself. It's been a great experience!

... Kerra Mruss | Chair, Winnipeg 2012 CITE Conference

When I was just starting out in my career, I saw the local ITE section activities as a path to technical knowledge and to becoming integrated with the local transportation community. Through my 25 years of involvement in ITE I've acquired leadership skills, technical knowledge and friends around the world. ITE helps me to stay aware of how our industry is evolving, and gives me skills to ride that wave. It also gives me the opportunity to advance transportation knowledge, through the Sustainability Task Force.

... Jim Gough | Canadian Capacity Guide

Miami for a face-to-face discussion of changes they would like to see implemented.

The 30 individuals in this year's *LeadershipITE* class also met in Miami to present their thoughts on various topics relevant to the future of ITE. Their work will undoubtedly change our organization and its operation in the future. At the end of the conference, I also came to the realization that this is their organization, and it is changing much quicker than I thought it ever could...and for the better.

I also realized that people will rally around something they passionately believe in. They are driven by a common purpose and interest in truly making this a better world. This may all sound a bit lofty but it is that passion that will continue to make ITE a great organization to belong to. I spoke with one young professional and they noted they had heard a lot at the Miami meeting about ITE's willingness to change and they indicated they hoped the senior leaders were serious about doing it. What this individual didn't seem to realize was that the power was entirely within her hands to change the organization.

Here are some of the ways to get involved in ITE:

- help organize a local Section event or industry mixer
- talk to students (high school or university) about the transportation industry
- prepare a presentation for an ITE event
- participate on the Student Chapter, Section or District executive committees
- bring a good project idea forward to the Technical Liaison Committee (TLC)
- volunteer to work on a technical project for the TLC
- put your work forward for a CITE award
- help liaise with other organizations e.g. CSCE, TAC, etc.
- find a way to participate at a higher level e.g. District meetings, International meetings
- get involved in the Young Professionals Committee
- consider being part of a *LeadershipITE* class

The more you put into a volunteer organization, the more you get out... Over the years, I have found that giving my time and energy to professional organizations like ITE has provided me with so much more than I would have ever expected. Professional development in terms of technical knowledge and innovative approaches to common problems, personal development in terms of ability to speak in front of people, professional contacts with my peers from around the world... and personal, life-long friendships with a lot of great people.

... Alf Guebert | Past President, ITE International

What I would suggest is that you get involved, make it your organization. It may be cliché but you will find that you get out much more than you ever put in. I hope that you get involved in whatever capacity you can contribute. Stretch yourself. I guarantee you won't be disappointed in the effort.

Regards,

Bruce

Bruce Belmore, PEng., PTOE, FITE
Canadian District Director
director@cite7.org

Like many, I enjoy sharing time and talent to benefit the greater community around me. Volunteering in ITE provides me with a tremendous opportunity to support and improve the transportation engineering profession towards a safer, more vibrant, and sustainable global community.


... Shawn Leight | Member, ITE International Board of Direction

Special note... Many of the people who have provided quotes for the article have also contributed at the District or international level

For me, becoming active in ITE was the sense that I needed to give back to our profession, and Canadians in general, my time and talents in the area of leadership, participating in technical projects, and sharing my knowledge by the preparation of papers and presentations. I had witnessed earlier Presidents of the Institute that took of their time to travel to the diverse sections of the Institute to bring news of the society, and to outline roles that members could take to improve both ourselves and the community around us. I found that participating in the leadership allowed me to become more knowledgeable about the various regions of Canada, the United States, and certain countries in Europe and the South Pacific. As a result, I have made steadfast friends in Canada, the U.S., Sweden, Australia, and New Zealand.

I feel lucky to have had a supporting wife, daughter, and employers that allowed me the time to be involved in the Institute.

... Al Swanson | H.R. Burton Lifetime Achievement Award



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CANDIDATES

for ITE International Vice President



**PAULA FLORES
BENWAY, FITE**

Associate, Transportation,
Stantec Consulting, Inc.,
Rochester, NY USA

We are living in an era of transformation! This transformation is led by forces such as technology, funding policies, economic, social, and environmental trends. This provides us with an immense opportunity to

evolve alongside our industry. ITE must be at the forefront of this positive movement, using the power of our networks to collaborate with others and creating new solutions to the challenges before us.

I will work diligently to achieve the goals that will benefit ITE members, our profession and the traveling public. Together we can make a difference! My vision for ITE is founded on three principles:

Visibility - We must promote and enhance ITE's role as a respected transportation authority while being an advocate for our members' needs, goals, and capabilities. Transportation professionals need an institute that will help them address the issues facing the communities of today. This can be accomplished by collaborating with other organizations to address community needs and working with policymakers at all levels of government to elevate our position as leaders in the industry.

Accessibility - To make ITE the premier organization for transportation professionals, we need to be more accessible to our members. We can do this by providing platforms that expand our use of the digital technology of today and tomorrow to educate the next generation. We need to provide useful tools that allow our members to draw on realistic assessments and forecasts of cities, economies, and the impacts on the environment. We must provide workforce development training to diversified professionals in *facilitation* skills to engage the public, *advocacy* skills to

influence policymakers, and *collaboration* skills to engage partners that are critical to our success.

Affordability - We must provide cost-effective services, publications, professional development, and annual meetings.

Having recently completed my three-year term on the International Board of Direction, I am aware of our organizations needs and opportunities; in addition, I have served in leadership positions at ITE section, district and international levels. The last 28 years in the transportation planning and traffic engineering industry has provided me with broad experience from leading and performing corridor studies, feasibility studies, traffic impact studies, transit service evaluations, parking studies, planning bicycle facilities, traffic calming, and traffic safety studies for public and private agencies. I have also managed and operated transit and parking services at a local university including initiating multi-modal programs such as bike and car sharing programs. My career success can be attributed to my ITE family and my strong level of commitment, collaboration, and creativity in addressing the challenges before us by creating opportunities.

My goal is to help ITE and its members move forward to become the premier transportation organization that broadens its reach beyond our current partners. I believe I have the leadership approach, dedication and drive to make that difference. If you would like to get to know me better and learn about my vision for ITE, review my brochure and campaign statement at www.ite.org, LinkedIn, Facebook and Twitter.

paulaforitevp@gmail.com

Follow me on Twitter @paula_benway, Facebook, or LinkedIn



RAYMOND E. DAVIS, III, P.E., PTOE, FITE

Vice President, TrafficDuco Inc.,
San Francisco, CA USA

MAKING ITE WORK FOR YOU

I celebrate 40 years of active involvement in ITE in 2014. The return on my investment has exceeded my expectations every step of the way, for the public and for me, professionally and personally. I'm a better

professional because of ITE and being a better professional made my career advancements possible. Now, I want to make sure you have the same opportunities to grow that I did, tailored to meet your needs.

We all have competing activities that make it a challenge to be active in ITE. We need to increase opportunities to participate and access information and remove barriers to involvement. We need to make sure that ITE publications, conferences, and training are relevant to dealing with today's issues in a cost effective manner.

My vision for Making ITE Work for you:

- Leverage Technology and Social Media to better serve our members.
- Continued support of LeadershipITE.
- Expand our electronic library to enable instant access to all of our publications.
- Define out global role to identify how we can support transportation professionals worldwide, especially in Asia.

Implementing this vision will allow you to become a better professional, and that will enhance our profession as a whole.

I have been very fortunate to serve at all levels of ITE leadership (21 years at elected or appointed positions). I was co-founder and President of a Student Chapter, Section President of two sections, Western District President and a Director on the International Board. I have served on the Executive Committees of three ITE Councils and chaired the

Public Sector Council as well as serving on numerous technical committees. This combined with my experience in the public sector as a City Traffic Engineer and Public Works Director and in the private sector in senior management positions has enabled me to listen and recognize the needs of our members at all levels of ITE.

My passion, experience, vision, and time available to commit to ITE will make sure that with your support I will Make ITE Work for You.

www.ite.org/Ray4ITE | Ray4ITE@gmail.com

Follow me on Twitter @ray4ite, Facebook, or LinkedIn

MEMBER HIGHLIGHT



PAULA SAWICKI

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

- Professional Engineer, Ontario
- Bachelor of Applied Science (Civil Engineering)
- Member of ITE (since 1995)

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

University of Waterloo

Year of graduation

1994

First job after college/university

Cambridge Planning and Engineering, Cambridge, ON

Current employment: include position title

Region of Waterloo, Kitchener, ON
Manager, Strategic Transportation Planning

Married with Children...

Yes, married to Aaron (U of W, BSc, '94), and our children are Peter, 19 (Student at University of Guelph, Engineering), and Bailey 17 (Grade 11)

Current city/prov of residence

Kitchener, ON

Personal hobbies

Apiculture (Bee keeping), Raising chickens, Wine Making, Travelling, camping, hiking, yoga

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

Newsletter Editor, Bid Committee and LAC Chair 2014

When did you join CITE? (year)

1995

Please describe what attracted you to transportation engineering?

When I was deciding what to take in school my main focus was on helping the environment in some way. With Civil Engineering I felt there were a variety of avenues through which I could achieve this goal. I saw the transportation field (in particular,

planning) as a way to help my community do more with the infrastructure we have, instead of always building new roads.

PAULA SAWICKI

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

As a new graduate in 1994, there were very few jobs in Civil Engineering available because of the economic downturn at the time. Many of my classmates do not practice in the area of civil engineering even today. Luckily, I was able to secure a Transportation Planning position. As a field, transportation engineering helps you develop a diverse range of skills and challenges you in many different ways. Over the next decade or two, transportation will become an even more important element in making our economy successful and our society thrive. There is opportunity for careers in a variety of areas of transportation that will offer diversity, allow transferability of skills and be professionally rewarding.

During your career to date, have you pursued any professional designations through ITE? If no, do you plan to in the future?

Not at this time.

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

The person who has helped guide me throughout my career is Graham Vincent. Graham always allowed space for his staff to grow and welcomed challenging situations as learning opportunities. He recently retired from the Region of Waterloo and is working for Metrolinx; we miss him, but Metrolinx is lucky to have him.

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

Part of the reason I joined the Region of Waterloo 14 years ago, was to be involved with the Regional Rapid Transit (LRT) project. The project is now underway and Regional Council has just hired a consortium to design, build and operate the LRT - and I have contributed to making it happen. This is a project I'm extremely proud to be part of. I see the remainder of my career focusing on creating better transportation choices for the people of the Region of Waterloo in order to create a vibrant community and attract talented people and successful businesses.

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

Ironically, I started University as a Chemistry major and ended up in Engineering as a fallback. I don't see myself doing anything else. I like what I do and enjoy the day-to-day variety and challenges.

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

What's with all the roundabouts and how do you signal properly through them? I also get many questions about our new LRT (ION) that the Region is starting to construct this year.

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

In my early 20's I travelled to Australia on my own. Landing in Sydney, I was terrified being on the other side of the world and not knowing another person. The trip was life changing and I made memories that will last a lifetime. I also have a trip planned this fall to Thailand to live in the jungle and look after elephants. I can't wait!

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

I am reading Dan Brown's Inferno and Malcolm Gladwell's David and Goliath (I was actually taught by Malcolm's father Graham Gladwell, at the University of Waterloo).

Have you ever met anyone you consider famous?

No

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

I love the people I work with and find immense satisfaction working in a wonderful team to bring our community the best solutions for creating a sustainable transportation system today and for future generations.



DR. STAN TEPLY

PRECIOUS MOMENTS WITH AN INDUSTRY LEADER

*Interview... as prepared by Mike Skene and Sandy Rempel
with special consideration from Dr. Stan Teply.*

SECTION 1.0 | INTRODUCTION

(Written by Sandy Rempel)

A recent convergence of discussions brought to fore the need to spend some time learning more about one of this industry's exceptional contributors – Dr. Stan Teply.

Dr. Teply has contributed immeasurably to the transportation engineering industry in Canada. Not only as a practitioner, but as an educator and an innovator. He has walked paths that few of us have been challenged with, yet throughout it all has remained a humble man, one who considers each person he meets as having a valuable contribution to make. His encouragement and positive input has touched so many, and this is in addition to his immeasurable technical contributions. It was for this reason that CITE and the Technical Liaison Committee gave tribute to Dr. Teply by establishing a technical achievement award in his name. The following article provides the background of Dr. Teply's impact on the industry, and through your reading of his contributions we hope you come to understand – and agree – that he was the most logical recipient of this honor.

2014 will be the inaugural presentation year of the *Stan Teply Outstanding Technical Project Award* during the Waterloo Region 2014 conference.

SECTION 2.0 | PERSONAL OBSERVANCES OF AN EXTRAORDINARY LIFE

1 Canada is not your country of origin. You're actually from the Czech Republic (Czechoslovakia in the old days) via West Germany, and during your early career years you experienced challenges that many Canadians have never experienced. I'm thinking of the "Prague Spring" around 1968. However, as so many of our members have also come from places of unrest even to this day, perhaps you can take some time to describe how political unrest changed your world, personally and professionally.

That is a long and tough question!

As with many people from that region, my origins are actually all over Europe. I was born in Prague, my mother was born in Germany, one of my great grandfathers was from Poland, and another one from Sweden. And yes, there were large-scale challenges that shaped my life, I remember them well: the Nazi occupation of Czechoslovakia during World War II, and the short period of renewed democracy after the war that ended with the communist takeover of the government.

In the early 1960s, there was a slow return to a fairly democratic system. I became the head of Prague's Civil Engineering Department and later lead the Transportation Department with all its agencies. Prague is a very beautiful city with a long and fascinating history, but its infrastructure suffered from a long period of neglect both during WW II and then during the communist regime. My colleagues and I started a vigorous program of urban renewal. Among other actions the new subway system – the "Metro" – was approved, and we initiated the first steps to its implementation. The euphoria of this "Prague Spring" ended abruptly by the Soviet occupation in 1968.

If it reminds you of some of the current events in the world, it must be just a coincidence, right?

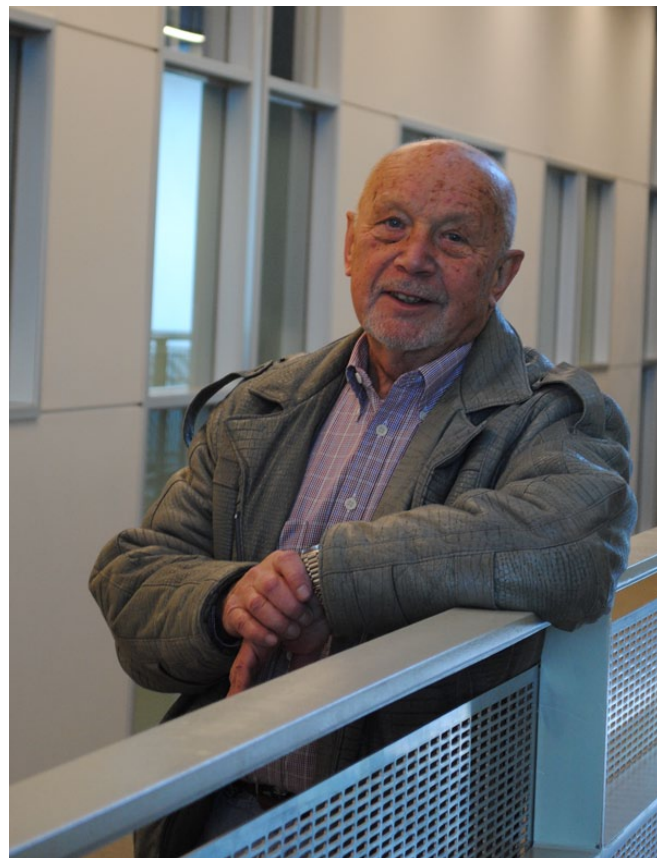
My family and I then decided to leave the country. Since I had quite a few contacts in Germany we settled in Munich and within a few days I started working as a traffic engineer on design and implementation of traffic control, especially computerized, systems. What a nice change that was! From "managing" to "doing"! The language was, of course, no problem. I was lucky – from 1970 I was back to both "doing" and "managing" as a

co-manager of a medium-size consulting company dedicated, for that time to a rather unusual combination of electronics, computing, transportation, and environmental engineering.

I came to Edmonton because of the planned LRT, at that time the first such system on the North American continent. Professor John Bakker, whom I met at a conference somewhere in Europe in 1971, convinced me that my past experience with streetcar and subway planning, design, and operations would be useful. I could never resist a challenge and, indeed, I became involved in many interesting aspects of the Edmonton LRT, from planning to operations and control. Moreover, during the my first two years as a consultant in Edmonton I had opportunities to work in many other western Canadian cities and on many other projects, including the Canadian North and the Oil Sands regional planning.

2 How did moving to Canada impact your world?

All these events made for an exciting time for me, my wife, and my son George. It was great to come to a peaceful and beautiful country with a stable political and economic system, with so many opportunities to work, grow, and enjoy life. Canada still offers that today.



Above: Stan Teply. Photo courtesy of Tarwinder Rai, University of Alberta

SECTION 3.0 | A CAREER IN TRANSPORTATION

3 Please describe what attracted you to transportation engineering?

Actually, it was a book. In my third year at university I started working as a research assistant to one of my professors. In 1955, one of his American friends sent him "Traffic Engineering", a textbook just fresh from the press. It was written by Theodore Matson, Wilbur Smith, and Fred Hurd, and was one of the first books that emphasized road user as the key element of traffic engineering. And because the combination of human and technical factors appealed to me, I chose "Transportation Structures" as my specialization for my fourth and fifth study years.

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

I studied at The Technical University of Prague during the period 1952-57, and graduated with a Dipl. Ing. degree – an

equivalent of an M.Eng. degree in North America. I continued my studies in an external Ph.D. program between 1963 and 1968 – but that is another story. The Technical University of Prague awarded me an Honorary Doctor of Technical Sciences title in 2002 as a part of its 295th anniversary celebrations.

5 First job after college/university?

I already worked during my fourth year as a part-time Research Assistant at the Technical University and stayed there as Assistant Professor for the next two years after my graduation. After that I joined the City of Prague Transportation Department – I was the City's first officially appointed Traffic Engineer.



6 Who, or what, has had the greatest influence on your life and career?

My older colleagues and professional friends – I learned so much from them, regardless in which institutions, companies or countries I worked.

7 When did you start teach at the University of Alberta? Did you teach before that?

In 1974 and, of course, during my time at the Czech Technical University.

8 Any differences you experienced between being an educator versus a practitioner?

I do not think that I ever considered myself one or the other. When working as a practitioner, I always had some teaching involvement and, during my teaching and research jobs, I was continuously involved in many practical projects wherever I lived, abroad and overseas. Teaching and research help to appreciate what someone said: "Nothing is more practical than a good theory".

SECTION 4.0 | AN INDUSTRY PERSPECTIVE

9 Complete this statement as a traffic engineer, "Having seen and experienced transportation systems all over the world I know that Canada is best at"

The thing that impressed me most when I started working in Canada was the friendly work environment, great cooperation spirit among the many professionals from various companies and institutions, and the extent of volunteer activities, professional and otherwise.

10 When did you join ITE/CITE?

In 1971, when still in Europe; I became Fellow in 1973, Life Member in 1999, and Honorary Member in 2004.

11 Have you taken on any roles or positions beyond being a member?

Over the years, there were many. In addition to being active on several committees of other Canadian, American, Czech and German professional societies, I served in the following ITE activities:

- ITE representative, (1973-1993), Technical and Research Committee of the Council on Uniform Traffic Control Devices
- Project 109, "Pavement Markings for Merging and Diverging Areas" that I chaired took place between 1977 and 1982. Candidate types of markings were evaluated by direct measurement of fairly subtle human behaviour responses and their potential influence on safety and capacity. The final recommended patterns were tested by several cities. Traffic engineers are not quite accustomed to praise, but many "Letters to the Editor" from drivers provided an unexpected positive feedback. Drivers in the Toronto area using Highway

401 were especially fond of the fact that, with the new patterns, it became much easier to identify the purpose of individual lanes. And, yes, these are the marking patterns that we still use.

- Member, (1974-1976) ITE Technical Committee 6Y8, "Moratoria: Highways, Community and Environment".
- 1976/77 Founding President and 1978 Past President of CITE's Northern Alberta Section.
- Chairman (1978-1982), Committee on Capacity Problems, Northern Alberta Section of CITE.
- 1979 Program Chairman, Northern Alberta Section of ITE.
- Member (1981 - 1990), International Membership Committee, Institute of Transportation Engineers.
- Member (1981-1994), Council on Uniform Traffic Control Devices for Canada, Member, Representative of ITE.
- Member (1983-1990), Editorial and Publications Committee, Council on Uniform Traffic Control Devices for Canada.
- Chairman (1982-1985), CITE Committee on the Development of the Canadian Capacity Guide (CCG). The First Edition of the CCG on Signalized Intersection was published in 1985.
- Honorary President (1986-1988), Engineering Student Society at the University of Alberta, and Chairman of the University of Alberta Engineering Liaison Committee of the Association of Professional Engineers, Geologists and Geophysicists.
- Chairman (1989-1995), CITE Committee on the Development of the Second Edition of the CCG for Signalized Intersections. This edition was published in 1995.
- Faculty Advisor (1977-1999), ITE Student Chapter at the University of Alberta. The Chapter received a number of awards from CITE, and a special Certificate of Recognition from ITE.

12 You have seen ITE and CITE grow over the years, what do you feel are the strongest attributes of this organization?

They say that you will get out of any organization as much as you put in. Many ITE members contribute a lot of their time, knowledge, dedication, and enthusiasm – and as a result many of us were getting much more than we put in. There is also something very special in professional friendships, much, much more than just "networking".

13 How has the transportation industry changed or evolved over the years that you've been involved?

Transportation engineering used to be considered mostly a civil engineering and planning domain. Over the last thirty years, the scope of the profession and the number of

disciplines involved in the management, planning, design, and operation of transportation facilities has increased enormously. Just look at the variety of features, functions and the number of disciplines involved in "Intelligent Transportation Systems"!

14 There is always room for improvement, but is there a particular industry aspect that needs to have more focus, or appears to be devolving?

I would not dare to guess what is needed in the technical, environmental, and economic aspects of transportation, but the human and legal aspects of many new transportation technologies may, sooner or later, start dominating their applications.

SECTION 5.0 | THE CANADIAN CAPACITY GUIDE (CCG) LEGACY

15 What was the catalyst that started the CCG?

At the end of the 1970s, the Highway Capacity Committee of the Transportation Research Board (TRB) was considering updates to the 1965 Highway Capacity Manual (HCM). As part of the process it established a number of working groups that were expected to identify the principles for the update of individual portions of HCM. Canadian professors and practitioners were also invited, with several of us from Alberta. After these meetings, the Canadian group got the impression that the new HCM would not consider significant modifications to those chapters that differed from the international and Canadian practices, and would not include modes other than automobiles and buses.

Following that, the Northern and Southern Alberta sections decided that we would start working on a "Canadian Capacity Guide". The reasoning was presented by an all-Canadian group of us in 1981 at the Sixth Annual Conference of CITE in Victoria, B.C., and was met with an enthusiastic approval of those present. One of the major comments was the need to standardize the application of the Webster method for the design of signalized intersections, widely used in Canada at that time.

[see Teply, S. (editor and joint author), Bakker, J.J., Franceschini, F.A., Kaufman, D.C., Millican, J.F.G., Morrall, J.F., Richardson, D.B., Schnablegger, J., Tofflemire, J., Yagar, S., "Development of a Canadian Capacity Guide", Sixth Annual Conference of the Canadian District of the Institute of

Transportation Engineers, Victoria, B.C., April 1981, Published in Conference Proceedings, pp. 251-265].

An "ITE Committee on the Development of the Canadian Urban Capacity Guide" was established (Hauer, Hurdle, King, Lam, McLean, Morrall, Richardson, Solomon, Schnablegger, Stephenson, Yagar; I was elected Chairman). In order to reduce the initial (and quite ambitious) task, the group decided to dedicate our effort to signalized intersections as the most critical and urgent problem in the Canadian urban roadway systems at that time.

16 How long did it take to develop the initial version?

Between 1980 and 1985, we organized several special courses on the Webster method and its planned modifications (Edmonton, Calgary, Toronto, Waterloo, Saskatoon) to "test the water" so to speak. It became quite clear that an overall Canadian unification of the method was highly desirable. Many practitioners emphasized the need to provide a process in which the critical input and intermediate output values could be verified by surveys.

17 Who were the professionals that contributed to the development of the first edition of the CCG?

The courses provided an excellent forum and opportunities to gather valuable suggestions and comments from many Canadian cities and towns.



18 What impact has the CCG had on the transportation industry?

I am not sure, but the processes described in our Guide were widely accepted across the country. We evidenced it in a number of various special courses organized by many local CITE sections. Our work also influenced the further development and updates of the U.S. Highway Capacity Manual.

19 From Mike... I remember in the 1980's doing hand calculations and signal timings at the City of Edmonton using CCG. When the first version of the guide came out, was Edmonton the only city using the CCG formally?

The City of Edmonton and several other communities also adopted my computer signal design software that optimized signal timing based on the probability of discharge. I originally wrote it in 1970 in Germany for my own use. It was also based on the Webster method adjusted to conform to the Guide. Brice Stephenson added delay calculation as an evaluation criterion.

20 What other jurisdictions were instrumental in supporting the application of CCG?

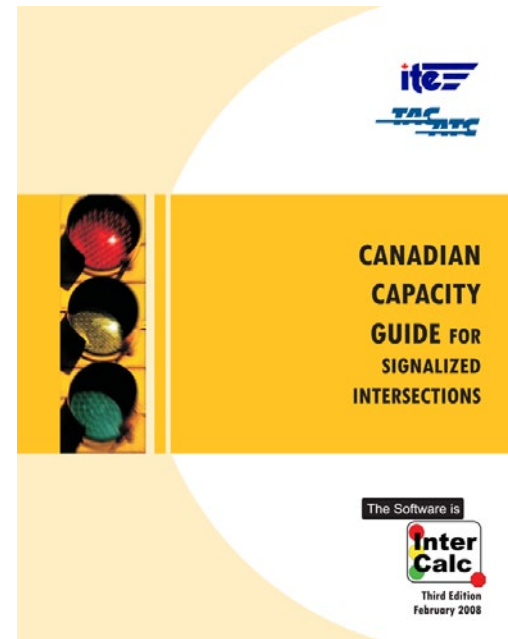
It appeared that the Guide was widely used across the country. It was quite apparent in 1989 from the overwhelming response by the users to our request for comments to the First Edition of the Guide, and for the suggestions for the Second Edition.

21 From Mike... I remember an anecdote you told that suggested human factors are a bigger part of the challenge than signal calculations can fix. The anecdote went: first signal was red and green... then due to safety considerations and faster vehicles we had to give warning to drivers that the signal phase was going to change... so we added amber.

Then drivers started to use amber as a clue to either slow down and stop or speed up... so we added all red.

Then in higher speed situations we implemented advanced warning flashers which enabled drivers or conditioned them to adjust according to the start of flash... speed up or slow down.

I have heard the debate of designing advanced warning flashers using operating speeds so drivers could be controlled more – or – using the posted speed so there isn't a fluctuating design parameter.



Please comment on this scenario of conditioning drivers as you have seen it evolve in your years as a traffic engineer.

Yes, the behaviour of the roadway users is sometimes difficult to anticipate. For instance, we now know that inappropriately located advanced flashing signals – that are supposed to add an additional warning time – may contribute to a speeding and collision problem on approaches to signalized intersections.

22 Who, besides from yourself, is continuing to keep the CCG relevant?

I think that the time for a review and verification of the background research is now. And, I think that extending the process to include wider urban system and network aspects, and adding various optimization options would be appropriate. The CITE Executive Committee may want to consider it.

23 Do you think there is a market for CCG software?

The general idea in the preparation of the Guide was to expand the knowledge base. No matter which software the designers or analysts choose, they should make sure that they understand and agree with the principles, procedures, and parameters applied within. Since the Guide describes them in detail, I think that there is a place and role for a user-friendly CCG commercial software.

SECTION 6.0 | WORDS TO INSPIRE

24 Philosophically where do you think our industry is going as it relates to capacity, safety, and human factors. Consider connected vehicles, autonomous vehicles, and our "right" to have control and to make decisions for ourselves.

Years ago, during my teaching career, I sometimes suggested that when the students' grandchildren would want to send their children to visit grandma, they will put them alone in the car and instruct the car to take them there. A burst of laughter was always guaranteed. The time for that, however, is closer than we think today. The creators of the Bionic Man in the movie used to say "We have the technology!" – but, as mentioned there still is a number of human factor, legal, and other problems to resolve. Technology can still advance faster than the society may be able to accept it.

25 What advice would you give a young engineer about our industry?

Every generation faces new challenges and must make their own choices – and these days, there are many. It is

essential to keep studying and learning – this has always been true in engineering, but it is much more important in today's fast moving world. In my own case, the knowledge of several languages allowed me to actively participate on fascinating projects in many countries.

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

I would like to hope that, in my small transportation engineering way, I contributed to a better and safer world.

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

I have had a challenging, but very interesting, set of professional careers and a good personal life. It would not have been possible without the support and understanding of my wife, of the whole family and without my many professional and personal friends.

SECTION 7.0 | IN CONCLUSION

(Written by Mike Skene)

This article was initiated so that the newer generation and the international generation of transportation professionals would understand and appreciate where and how far our industry has come... to inspire the younger generation to look beyond the book and be leaders. Stan taught me to find a solution, and that it might not be in the standard guidance manuals. Human factors and influences are continually changing ... our professional community needs to explore these influences. In this context "Maximum sight distances" start to become very important design elements in considering traffic calming and roundabouts.

Stan graduated from university the year I was born. Our challenges as transportation professionals today are the same as in 'ye olden days', and they continue to be advanced technologies, urban renewal, environmental, human factors. If you read the article carefully you would have identified these same words used by Stan describing his challenges in his early career, even the issues of the Oil Sands development.

What I find interesting is that as Stan describes the initiation of the Canadian Capacity Guide, and the national support that it had, today this national support is waning. Not because of irrelevance - it's very relevant! It's waning because the ease is in teaching someone to use some currently popular software. The problem becomes the application of a tool that isn't as refined for our nation's conditions and cultures. Although arguably with climate change and international travel becoming much easier perhaps this is moot. I remember a project where the client required me to do intersection analysis using software, but when asked what saturation flow to use ... the client didn't know what saturation flow was.

So look on our industry from where we were, how far we have come, and how we continue to lead in the development of integrating the multifaceted work we are all involved in. I'm sure you want to be confident in a safe and efficient ride for your grandchildren as they instruct the car how to travel to you for a visit. What role do you want to play in the future of transportation?



A New Era of Accountability

Over the last number of years, the CITE executive has implemented a number of new practices that resulted from the development of the Financial Management Practices document put forward by the Financial Review Committee.

Through the hard work of the executive and our new bookkeeper, CITE has resolved the outstanding financial issues. All outstanding bad debts, accounts receivables and GST returns have been now dealt with.

The attached 2013 Financial Statement was reviewed by our certified accountant and approved by your Board of Directors. In addition, the 2009 to 2012 financials and GST returns were audited by Revenue Canada and no concerns were identified.

Consistent with the Financial Management Practices, CITE is working towards developing a financial reserve, equivalent to a minimum of fifty percent of the annual operating expenses in order to ensure the long term stability of the organization. As the goal of the financial reserve has not met this target, the draft 2015 CITE Budget provides for a balanced budget.

The budget includes a conservative estimate for the 2015 Regina conference, forecasts higher revenues and expenses related to our successful web / job posting initiatives to reflect actuals incurred in 2013 while at the same time keeping the line on other expenditures.

The implementation of the new financial practices provides for increased financial accountability and transparency through an improved process for tracking revenues and expenses. The financial issues of the past have been resolved, and CITE has entered a new era of accountability as the books are in order, and as illustrated by the statement, the organization is in good shape in terms of financial stability.

If you have any questions regarding either the 2013 Financial Statements or the 2015 Budget, please contact the undersigned.

Regards,

Edward Soldo, PEng. (FITE)
Secretary / Treasurer, Canadian Institute of Transportation Engineers
secretary@cite7.org

FINANCIAL STATEMENTS

INCOME STATEMENT

	2012 BUDGET	December 31 2012 ACTUAL Revised	2013 BUDGET	December 31 2013 ACTUAL
REVENUE				
Annual Conference	145,000.00	127,760.00	158,000.00	200,900.00
Currency Exchange	2,000.00	--	700.00	1,620.67
Education/Training	2,500.00	--	6,000.00	--
Interest Income	4,000.00	2,186.65	4,000.00	4,559.91
John Vardon Scholarship	--	500.00	--	2,670.00
Membership Dues	66,000.00	49,821.74	68,000.00	81,743.21
Miscellaneous Revenue	1,000.00	--	500.00	--
Transportation Talk Advertising	10,500.00	3,925.00	11,550.00	7,706.50
Website Advertisements (Job Postings)	52,500.00	49,300.30	50,000.00	71,325.00
International Initiatives	--	--	--	3,512.00
Award/Scholarship Donations	--	--	--	--
TOTAL INCOME	\$279,500.00	\$233,493.69	\$298,750.00	\$374,037.29
EXPENSES				
Account Write-off	--	--	--	- 4,585.00
Awards - Awards/Scholarships	4,500.00	4,148.25	4,500.00	5,419.98
Awards - Travel	6,000.00	4,118.13	5,000.00	1,814.33
Bad Debt	--	--	--	26,513.42
Bank Charges	200.00	5,123.08	4,000.00	2,812.33
Bookkeeping	6,500.00	1,550.75	2,000.00	2,460.00
Certificates	1,250.00	--	1,500.00	--
CITE Appointee Travel	7,000.00	5,970.36	8,000.00	6,663.54
Communications Coor - Ann Conf	--	16,478.00	7,000.00	--
Communications Coordinator	12,500.00	11,094.00	12,500.00	17,977.00
Conference Expenses	135,000.00	112,474.39	145,000.00	163,822.29
Director Expenses	12,000.00	12,153.79	12,000.00	9,808.07
Executive Expenses	24,000.00	15,773.84	24,000.00	36,463.51
Insurance	--	5,016.60	5,000.00	5,016.60
Membership Support Programs	10,000.00	1,932.92	10,000.00	6,395.72
Miscellaneous	250.00	--	500.00	212.34
Postage, Mailing Service	250.00	535.66	1,000.00	727.68
Printing and Copying	250.00	84.84	250.00	--
Section/Chapter Rebates	6,500.00	5,750.00	7,000.00	3,750.00
Student Presentation Comp.	--	2,300.00	4,000.00	1,900.00
Telephone, Telecommunications	2,000.00	17,168.70	6,500.00	10,116.89
TLC - Administration	5,000.00	4,474.29	5,000.00	6,075.97
TLC - Technical Project Development	10,000.00	1,444.92	5,000.00	2,047.62
TLC Project - TAC Sponsorship	--	--	5,000.00	5,000.00
TLC Project - Traffic Calming	15,000.00	--	--	15,000.00
TLC CLASP	--	--	--	5,464.75
Traffic Bowl	5,000.00	5,169.40	4,000.00	8,249.36
Transportation Talk	4,500.00	12,760.16	12,000.00	13,038.96
Vardon/Van Aerde Scholarship	--	4,000.00	4,000.00	4,000.00
International Initiatives	--	--	--	3,500.00
Website	7,000.00	7,246.12	4,000.00	11,885.73
TOTAL EXPENSES	\$289,500.00	\$263,725.80	\$298,750.00	\$371,551.09
NET INCOME (LOSS)	--	\$(30,232.11)	--	\$2,486.20

Approved by Board - January 30, 2014

FINANCIAL STATEMENTS

BALANCE SHEET

	December 31 2012 ACTUAL Revised	December 31 2013 ACTUAL
ASSETS		
CURRENT ASSETS		
Chequing/Savings/Cash		
Scotiabank Chequing	34,523.34	35,045.32
Scotiabank Conference	53,895.31	58,281.61
Cash	--	480.25
Total Chequing/Savings/Cash	88,418.65	93,807.18
Total Accounts Receivable	34,563.28	14,485.44 ¹³
TOTAL CURRENT ASSETS	122,981.93	108,292.62
INVESTMENTS		
John Vardon Scholarship	54,071.42	54,775.09
Scotia GIC	5,928.40	26,113.37 ¹⁴
Michel Van Aerde Scholarship	55,135.60	58,806.87
TOTAL INVESTMENTS	115,135.42	139,695.33
TOTAL ASSETS	\$238,117.35	\$247,987.95
LIABILITIES & EQUITY		
CURRENT LIABILITIES		
Accounts Payable	--	5,877.95 ¹⁵
Total Accounts Payable	--	5,877.95
OTHER CURRENT LIABILITIES		
GST/HST Payable (Refund)	--	--
GST/HST Payable	--	1,506.45 ¹⁶
Total Other Current Liabilities	--	1,506.45
TOTAL LIABILITIES	--	7,384.40
EQUITY		
Retained Earnings	268,349.46	238,117.35
Net Income	-30,232.11	2,486.20
TOTAL EQUITY	238,117.35	240,603.55
TOTAL LIABILITIES & EQUITY	\$238,117.35	\$247,987.95

INCOME STATEMENT & BALANCE SHEET NOTES:

2012 Actuals were revised to incorporate minor revisions from 2009 to 2012 as a result of the GST filing. The final outcome of the revisions is a reduction in the asset base from \$240,668.03 to \$238,117.35 in 2012

- | | |
|--|---|
| 1Includes 2012 second installment | 9New contract in place for 2014 |
| 2Leadership ITE | 102012 Invoice |
| 3Write-off stale dated cheques | 11New initiative |
| 4 Combined with certificate production | 12Leadership ITE |
| 5 Write-off old A/R | 13 Old A/R written off. Remainder is related to GST owed. |
| 6 Combined with Awards - Awards/Scholarships | 14 Increased reserves by \$20,000 |
| 7 Costs moved to conference | 15 Calgary Conference Rebate |
| 8 Strategic Plan travel | 16 Filed with Revenue Canada |

2015 BUDGET

	2012 BUDGET	2013 BUDGET	2014 BUDGET	2015 BUDGET
REVENUE				
Annual Conference	145,000.00	158,000.00	140,000.00	135,000.00
Currency Exchange	2,000.00	700.00	--	--
Education/Training	2,500.00	6,000.00	15,000.00	15,000.00
Interest Income	4,000.00	4,000.00	2,000.00	5,000.00
John Vardon Scholarship	--	--	1,000.00	2,000.00
Membership Dues	66,000.00	68,000.00	83,000.00	83,000.00
Miscellaneous Revenue	1,000.00	500.00	--	--
Transportation Talk Advertising	10,500.00	11,550.00	8,000.00	9,250.00
Website Advertisements	52,500.00	50,000.00	50,000.00	66,000.00
International Initiatives	--	--	--	--
Award / Scholarship Donations	--	--	3,500.00	4,500.00
TOTAL REVENUE	\$279,500.00	\$298,750.00	\$302,500.00	\$319,750.00
EXPENSES				
Account Write-off	--	--	--	--
Awards - Awards / Scholarships	4,500.00	4,500.00	6,000.00	6,000.00
Awards - Travel	6,000.00	5,000.00	5,000.00	5,000.00
Bad Debt	--	--	--	--
Bank Charges	200.00	4,000.00	5,000.00	4,000.00
Bookkeeping	6,500.00	2,000.00	2,500.00	2,500.00
Certificates	1,250.00	1,500.00	--	--
CITE Appointee Travel	7,000.00	8,000.00	7,000.00	7,000.00
Communications Coord - Ann Conf	--	7,000.00	--	--
Communications	12,500.00	12,500.00	12,500.00	18,000.00
Conference Expenses	135,000.00	145,000.00	130,000.00	135,000.00
Director Expenses	2,000.00	12,000.00	15,000.00	15,000.00
Executive Expenses	24,000.00	24,000.00	22,000.00	24,000.00
Insurance	--	5,000.00	5,000.00	5,250.00
Membership Support Programs	10,000.00	10,000.00	7,500.00	7,500.00
Miscellaneous	250.00	500.00	500.00	250.00
Postage, Mailing Service	250.00	1,000.00	250.00	500.00
Printing and Copying	250.00	250.00	250.00	250.00
Section / Chapter Rebates	6,500.00	7,000.00	7,000.00	7,000.00
Student Presentation Comp.	--	4,000.00	4,000.00	4,000.00
Telephone, Telecommunications	2,000.00	6,500.00	6,000.00	6,000.00
TLC - Administration	5,000.00	5,000.00	5,000.00	7,000.00
TLC - Tech Project Dev.	10,000.00	5,000.00	4,000.00	5,000.00
TLC Project - TAC Sponsorship	--	5,000.00	10,000.00	10,000.00
TLC Project - Traffic Calming	15,000.00	--	--	5,000.00
TLC CLASP	--	--	10,000.00	10,000.00
Traffic Bowl	5,000.00	4,000.00	6,000.00	6,000.00
Transportation Talk	4,500.00	12,000.00	13,000.00	13,500.00
Vardon / Van Aerde Scholarship	--	4,000.00	4,000.00	4,000.00
International Initiatives	--	--	--	--
Website	7,000.00	4,000.00	4,000.00	12,000.00
TOTAL EXPENSES	\$289,500.00	\$298,750.00	\$302,500.00	\$319,750.00
NET INCOME (LOSS)	\$ --	\$ --	\$ --	\$ --

SECTION *N*ews

SOUTHERN ALBERTA

The Southern Alberta ITE (ITESA) Section commenced the new year with its annual AGM followed by a presentation from one of our members, Kari Fellows, titled "Transportation Engineering Delegation to China" in January. Subsequent months included a presentation titled "Order from Chaos: Running a Traffic Management Center During the 2013 Flood" by Yeats Wong in February, and a joint event in March with the Canadian Society for Civil Engineering (CSCE) that included presentations by Andrew Boucher and Sig Undheim regarding Calgary International Airport Improvements.



In March, our ITE Toastmasters group hosted the ITESA Annual Student Presentation Competition. This year they had six students participate, and two winners went home with cash prizes as well as the opportunity to present at our upcoming luncheon in May. The six presenters were Jason Hawkins, Saeid Saidi, Soheila Aalami, Yuan Bai, Jithamala Caldera, and Mohammad Ansari Esfeh. The evaluation team selected Saeid and Mohammad as the winners; Saeid's presentation was titled "Rail Transit: Exploration with Emphasis on Networks with Ring Lines" and Mohammad's presentation was titled "Evaluating Environmental Impact of Implementing Toll Collection in the City of Calgary". Congratulations to the two winners!

For more information on these and other Southern Alberta ITE section events, please visit us at www.sacite.org.

MANITOBA

The Manitoba Section has had a very up-and-down start to 2014. In February, Diana Emerson, an engineer with Manitoba



Above: Diana Emerson, an engineer with Manitoba Infrastructure & Transportation

Infrastructure & Transportation, gave a very interesting presentation on railway crossings throughout the province. This was followed in March by David Lettner, a planner with Manitoba Infrastructure & Transportation, who gave a fascinating presentation on a new method of applying level-of-service concepts to port-of-entry (border crossing) measurements.



Above: Presenter David Lettner, Manitoba Infrastructure & Transportation



Above: Neil Myska

Sadly, the Manitoba Section lost a valued member, colleague, and friend in March. Neil Myska, the Transportation Facilities Planning engineer for the City of Winnipeg, passed away at the age of only 50. Neil's passing leaves a big hole in Winnipeg's professional community, and his hard work, intelligence, dedication, and gentle demeanour will be missed by everyone who knew him.

HAMILTON

The Toronto, Hamilton, and Southwest Ontario sections' Joint Technical Presentation Competition for Students is a unique event organized annually by the CITE to help foster interest in the field of transportation. The Hamilton and Toronto sections have jointly held the event for 13 years and were joined by the Southwest Ontario section in 2009. 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.

This year's student presentation competition took place on Tuesday, March 18th at Mohawk College in Hamilton. The following students presented.

Undergraduate

- George Robinson (Ryerson University) - *Downtown High-Rise Residential Parking Considerations*
- Teddy Lin (University of Toronto) - *Integrating Local Transit Services into the GO Rail Network*
- Edvard Bruun (University of Toronto) - *Transit Oriented Development: A Framework for Achieving Urban Density*

Graduate

- Monir Moniruzzaman (McMaster University) - *Potential Contributions of Walking Towards Physical Activity Guidelines of Seniors*

- Ramona Mirtorabi (University of Waterloo) - *Evaluation of Storm Severity and Road Maintenance Needs with a Disaggregate Multiple-Indicator Approach*
- Jason Neudorf (University of Waterloo) - *A New Method of Modeling and Representing Accessibility*

The winner of the Undergraduate Competition was George Robinson and the Graduate Competition was Jason Neudorf. Congratulations to all the competitors.

TORONTO

Toronto's Downtown Transportation Operations Study and Congestion Management Plan – Stephen Buckley and Myles Currie from City of Toronto Thursday, February 20, 2014

More than 30 people attended an information session co-hosted by the City of Toronto and ITE Toronto Section. Stephen Buckley and Myles Currie from City of Toronto's Transportation Services Division discussed the Downtown Transportation Operation Study entailing the implementation of strategies to address congestion primarily on the downtown core as well as associated impacts related to F.G Gardiner Expressway; as well as the Congestion Management Plan 2014 -2018, a study to provide for the



Above: Mr. Myles Currie presenting on Congestion Management Plan 2014-2018



Above: Mr. Stephen Buckley presenting on Toronto's Downtown Transportation Operations Study

expanded use of ITS strategies as well enhancement of Active Traffic Management.

Road Safety for Rural Road Networks Workshop Wednesday, March 5, 2014

In collaborative efforts with the CITE Technical Liaison Committee, ITE Toronto Section organized a day-long workshop on Road Safety for Rural Road Networks organized, delivered by Russell Brownlee (Principal, Giffin Koerth) and Greg Junnor (Senior Project Manager, Hatch Mott MacDonald). Attended by approximately 20 participants, the goal of the workshop was to increase education and awareness of road safety engineering, and included key topics relating to rural road safety, including current state-of-the-practice, safety analysis methods and programs, human factors, dominant collision types, road and intersection design, roadside safety, and roadside maintenance.



Above: Russell Brownlee presenting on key topics on rural road safety



Above: Audience at the workshop

Breakfast session – Sustainable initiatives across the GTA: sponsored by the ITE sustainability task force Tuesday, April 8, 2014

Sponsored by ITE's Sustainability Task Force, the ITE Toronto Section's second breakfast session of 2014 involved a great panel

discussion on sustainable initiatives across the Greater Toronto Area (GTA). Attended by approximately 30 participants the session focused on sustainability and innovations in our region.

The speakers included:

- Ersoy Gulecoglu, Metrolinx: Embarking on a journey towards sustainability
- Joanna Kervin, TTC: Integrated Station Design: Focal points for sustainable communities
- Brian Titherington, York Region: Maintenance implications of transportation sustainability

Special thanks go out to the presenters and Jim Gough of ITE's Sustainability Task Force, who was moderator of the event. A big special thanks goes to WSP Canada Inc for generously hosting this breakfast session at their Markham office boardroom.



Above: Presenters at the breakfast session



Above: Audience at the breakfast session

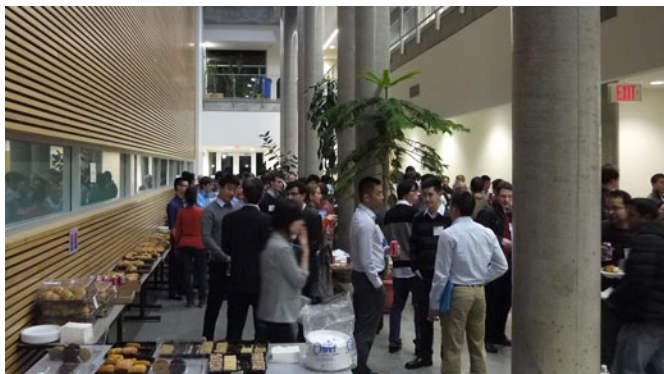
Correction Notice: there was an error in the last edition regarding the scholarship fund raising amounts. The draw actually raised \$535 (not \$595). The total contribution from ITE Toronto Section is \$1,070 (not \$1,190). Our apologies for the error.

UNIVERSITY OF BRITISH COLUMBIA

The UBC ITE Student Chapter continues to strive towards providing civil engineering students with a better understanding of transportation engineering and the career opportunities available to them in this field. In the past semester, the UBC Chapter has hosted and participated in a variety of events with these objectives in mind.

2014 Transportation Engineering Industry Night

The annual UBC Chapter Industry Night was held on January 23, 2014. This event provided a great opportunity for members and non-members to make connections with industry professionals in transportation engineering. The event was well attended, with over 100 students and professionals enjoying the evening of networking and refreshments.



Above: Industry Night

Each platinum and gold sponsor had the chance to speak on behalf of the company to present current projects and to inform students of the type of work each company does. Many companies also discussed the role of co-op students and recent graduates within their company. A group of students also presented their work from a 4th year undergraduate class, allowing industry representatives to learn about the projects that students are involved with.

The UBC Chapter is grateful for the continued support of so many companies within the industry. Sponsors for the 2014 Transportation Engineering Industry Night include: Bunt & Associates, the Greater Vancouver Section ITE, R.F. Binnie & Associates, Associated Engineering, MMM Group, ISL Engineering and Land Services, McElhanney Consulting Services Ltd., Urban Systems, Delcan, SNC-Lavalin Inc. and Creative Transportation Solutions.

Evergreen Line Presentation by Wendy Itagawa

Senior Project Manager, Wendy Itagawa, came to UBC and gave a presentation about the Evergreen Line Project on March 19, 2014. Her presentation highlighted the planning, procurement methods, design, and ongoing construction processes behind the new Skytrain line. During the presentation Wendy showed some short videos, including one about the tunnel boring machine that was built specifically for this project. The presentation was concluded by a question and answer session which was well received. A pizza lunch was provided for the event and over 50 students were in attendance. Thank you Wendy for the great presentation!

End of Year Social | Transportation Engineering Trivia Night

The UBC Chapter wrapped up the school year by holding a trivia night. Questions tested students' knowledge from class (e.g. timing of signal lights), driving laws (e.g. when a U-turn is legal), and general knowledge about the transportation systems in Vancouver (e.g. the Skytrain systems).

Upcoming 2014 CITE Conference in Waterloo

The UBC Chapter will be sending a student representative to the CITE conference in Waterloo from June 1-4, 2014. Previous CITE conferences have been an excellent opportunity for tours, technical seminars, and networking. The UBC Chapter has made an effort to send at least one student every year.

For more information, please visit our Facebook page: <https://www.facebook.com/ite.usask>

UNIVERSITY OF ALBERTA

Welcome to University of Alberta ITE Student Chapter. First of all, let's meet our current executive committee members. They are:

- Dr. Tony Z. Qiu, Faculty Advisor- unchanged
- Rajib Sikder, President
- Cindy Wang, Vice-President
- Qian Fu, Secretary
- Aaron Ke, Treasurer
- Lu Mao, Webmaster
- Md Rokibul Hossain Khan, Industrial Liaison
- Sudip Barua, External Liaison
- Ran Li, Cultural and Games Organizer, and
- Md Ahsanul Karim, Ex-officio- Past President 2012-2013

In this current academic year, our chapter is continuing its rhythm to display strong passion towards mixing students and professionals through different initiatives like seminar series, industry visit and attending conference. At the same time, we embraced a new event: industry mixer.

Last year chapter has organized 12 seminars. We are fortunate to have distinguished personals, like Prof. Stan Teply (Ex-professor Department of Civil and Environmental Engineering, U of A), Harry Gow (St-Antoine-sur-Richelieu, Quebec), Prof. David Checkel (Department of Mechanical Engineering, U of A), and Prof. Anthony Singhal (Department of Psychology, U of A) in our seminar series. We would also like to thank government and private transport agencies for sharing their experiences with us.



Above: Seminar Series

On February 27, 2014, our chapter visited Trafco Canada, a division of Alberta Traffic Supply (ATS). The visit provided us an opportunity to gain insights into various technology-based solutions for traffic, parking, and other industrial applications.



Above: Trafco Canada visit

In January 2014, five of our executive members attended the TRB 93rd Annual Meeting and presented their research.

On March 27, we organized an industry mixer in association with Northern Alberta Canadian Institute of Transport Engineers (NACITE). Professionals from City of Edmonton, Stantec, ISL Engineering & Land Services Ltd, and Bunt & Associates attended the mixer and shared their career-related experience with us. That was a successful program in terms of participation of industrial delegates, graduate and undergraduate students.



Above: Port of Los Angeles

Upcoming events of ITE-UA during summer include on-campus BBQ, cultural shows, and games competition. In addition, our three members are going to attend the ITE International Collegiate Traffic Bowl - 2014 at Waterloo. Hope they perform their best and enjoy the competition!

In the end, U of A chapter would like to express its gratitude for financial, logistic and executive support from Institute of Transportation Engineers (ITE), Canadian Institute of Transportation Engineers (CITE), CITE Northern Alberta, University of Alberta and Center for Smart Transportation (CST). We also sincerely acknowledge Dr. Tony Z. Qiu for his continuous support. Hope you had a nice time with us. Thank you very much.

UNIVERSITY OF MANITOBA

The University of Manitoba ITE Student Chapter's academic year is currently winding down and exam season is upon us. During the winter semester students participated in different conferences and workshops and held a number of technical luncheons. There were also ample opportunities for the members to interact with transportation professionals by attending the ITE Manitoba Section luncheons. Our Student Chapter would like to take this opportunity to thank our sponsors, CITE and all of the professional support during the year!

ITE Technical Tour 2014 – Los Angeles

During reading week, seven members of the Student Chapter travelled to Los Angeles as part of our annual ITE Technical Tour trip. Two main tours were organized for the trip and both managed to exceed expectations! We were very fortunate to receive private tours of the Los Angeles Department of Transportation (LADOT) and the Port of Los Angeles.

On February 18th, our group took the Red Line metro downtown and met with Zaki Mustafa, P.Eng., who led the LADOT tour. Mr. Mustafa was the President of ITE in 2013, and works for the LADOT. He started the tour by showing us around the LADOT office and explaining many of the duties and



Above: Los Angeles Traffic Management

projects in which the LADOT is involved. Next, Mr. Mustafa led our group across the street to City Hall, stopping for an impromptu photo shoot with Mayor Eric Garcetti on the way.



Above: Impromptu photo shoot with Los Angeles Mayor Eric Garcetti

At City Hall, the University of Manitoba students were invited to sit in on a Council Chamber meeting, and were greeted by the City Council. Continuing the tour, the group visited the 27th floor observational deck, and then made their way several stories underground to the bunker where traffic control center is housed. Over 4600 signalized intersections are monitored at the control center and it is here where signal timing is adjusted for public events and malfunctioning signals are detected. The next stop was the City's sign and signal shops to see where all of the City's signs and traffic signals are made. The City builds all of their own signals, so we were provided an inside look at how signals are designed and tested. The last portion of our tour involved a walk through downtown to see the new parklets and bike lane markings.

The second technical tour on our agenda was the Port of Los Angeles. The tour was broken into two parts, starting was a presentation given by three of the port's engineers. During this presentation, we were provided with a description of the port's assets and operations, community involvement, and response to the Panama Canal expansion. Our group had a boatload of questions, but the engineers leading the presentation were still able to answer each one with an in-depth answer. After the presentation, we were given a boat tour of the port where we were able get an up-close look at ships docking and unloading. It was fascinating to see all the infrastructure and



Above: Port of Los Angeles

space required to handle 7.9 million TEUs a year. One of the most interesting takeaways is that while docked, ships plug into the Port's power supply to reduce the pollution that would be caused by running the ship's own generators.

The two tours were incredible and couldn't have been organized without the hard work of Zaki Mustafa, the City of Los Angeles, and the Port of Los Angeles. The Student Chapter is very grateful to all those that helped make these tours such a huge success!



Above: Winter Cycling Congress

2nd Annual Winter Cycling Congress

From February 12th to 14th Winnipeg hosted the 2nd Annual Winter Cycling Congress. This event attracted over 170 delegates from North America, Europe and even one delegate from Japan! Delegates focused on sharing experiences and knowledge on winter cycling in an effort to help grow the mode share of bicycling in the winter. Two Student Chapter members, Adam Budowski, EIT, and Sarah Klassen EIT, were directly involved in organizing the Congress. They helped organize several activities including a Mobile Tour which led delegates on a winter ride around downtown Winnipeg! Both members were in attendance for the entire conference, and Adam Budowski was lucky enough to present his research on winter bicycle counts in Winnipeg.

International Women's Day Hummingbird Education Fund Breakfast



Above: International Women's Day Hummingbird Education Fund Breakfast

March 7th was the day when many women from various organizations celebrated International Women's Day in support of the Hummingbird Education Fund. The purpose of the Hummingbird Educational Fund is to empower women through education. Our Student Chapter Advisor, Dr. Jeannette Montufar, PEng, organized a breakfast panel of extraordinary women, all former recipients of a YMCA/YWCA Woman of Distinction Award, who talked about 'Inspiring change for women in Manitoba'. These outstanding women engaged in conversation, addressing a variety of issues from education to health care, to the community, business and more. Nearly 100 people from Winnipeg and the surrounding area attended this fundraiser and were inspired by the words of wisdom that came from the panelists.

CARLETON UNIVERSITY

Loretta Traffic Control Centre Tour

On February 20th, the ITE Carleton Chapter organized a tour of the Loretta Traffic Control Centre in Ottawa. The tour was led by City of Ottawa employee Michael Carneiro, who guided the students around different facilities within the building, including the traffic control room, traffic signal and controller production, and sign production facilities. The two photographs shown below were taken during the tour, showcasing the traffic control room and the sign production facility.

CITE Luncheon

The National Capital Section organized several luncheon events and invited guest speakers to conduct presentations on current transportation topics. On February 19th, several students attended a CITE luncheon which included a presentation on the topic of the City of Ottawa's 2013



Above: Loretta Traffic Control Room



Above: Loretta Sign Production Facility

Transportation Master Plan and Cycling Plan. This was a great opportunity for students to learn about transportation issues and meet professionals in the field of transportation engineering.

CITE Student Presentation Competition 2014

On April 7th, the ITE Carleton Chapter joined the CITE National Capital Section in organizing the 2014 CITE student presentation competition. This event allowed students to give presentations on transportation related topics to industry professionals. In addition, these students were given the opportunity to win cash prizes based on the assessment of five judges from the transportation industry.

1st place (\$500)

- David Grinchpoun, Mason Prokop, Alex Clouthier, Brad Hurdis, Justin Arts
- Presentation topic: *Canadian Tire Centre Transportation Redesign*

2nd place (\$300)

- Anthony Kwok, Basil Alsalti, Sarah McLaughlin, Liz Rozman
- Presentation topic: *Re-design of West Hunt Club Road between Highway 416 and Prince of Wales Drive*

3rd place (\$100)

- Thierry Green and Sara Akkaoui
- Presentation topic: *Gatineau-Ottawa Light Rail Transit*

MOHAWK COLLEGE

It has been rough, but the reestablishment of the ITE Student Chapter at Mohawk College as a fully active student chapter has slowly been taking shape. Our biggest challenge is keeping momentum among students, as our program is structured such that students must alternate between school and co-op each semester following their third semester of studies in the fall, thereby preventing any continuous activity in adjacent semesters. Notwithstanding these challenges, since I took over as Faculty Advisor of the student chapter in January, events tagged with the ITE brand have slowly been emerging across the college, and plans to enter an inaugural Mohawk College team into this year's Traffic Bowl are well underway.

On both Thursday, February 6th and on Friday, March 7th, I presented the *Design your Future* video that was created in 2001 by the Florida International University ITE Student Chapter and now widely available on YouTube (<http://www.youtube.com/watch?v=IXXdyE2U1PY>). Although dated, the video provided a great overview to my 245 first-year Building and Construction Sciences cluster students with an overview of what is involved in the transportation industry, and highlighted the fact that there will always be a need for transportation professionals.



Above: Brian Malone | Vice President, Transportation, CIMA+

Three sets of guest lectures were hosted by the Mohawk College ITE Student Chapter. The first was delivered by both Raj Mohabeer (Principal Consultant) and John Howe (Vice President, Strategic Consulting) of Parsons Brinckerhoff on Friday, February 7th. The second was delivered by Brian Malone (Vice President, Transportation) of CIMA+. The third was delivered on both

Thursday, April 3rd and Friday, April 4th by Julia Salvini of Salvini Consulting. All three provided a brief overview of opportunities in the field of transportation, as well as some personal insight on their own respective careers. The Mohawk College ITE Student Chapter is very grateful for their participation this year.



Above: Julia Salvini | Salvini Consulting

Although Mohawk College did not have a qualifying student, the Mohawk College ITE Student Chapter played a fundamental role in coordinating the 6th Annual Toronto, Hamilton, and Southwest Ontario Sections Joint Student Presentation Competition and Job Fair in collaborative efforts with



Above: Jason Neudorf | graduate student from the University of Waterloo



Above: George Robinson | undergraduate student from Ryerson University

those three sections. This annual competition took place at Mohawk College on Tuesday, March 18th, 2014, and was won by Jason Neudorf, graduate student from the University of Waterloo, for his presentation on *A New Method of Modeling and Representing Accessibility*; and George Robinson, undergraduate student from Ryerson University, for his presentation on *Downtown High-Rise Residential Parking*

Considerations. Our thanks to all who were involved in organizing, facilitating and judging in this year's competition.

It was tough to find team members that would qualify based on the age restrictions imposed by ITE International (much of our student body is made up of mature students 27 years old and older), but we are happy to announce that we will be sending an inaugural team to this year's Traffic Bowl. Sarah Ahmed, Andrew Charles and Adam Mildenberger are eager to give the universities across Canada some healthy competition.

Stay tuned for more exciting events hosted by the Mohawk College ITE Student Chapter, and for new names on our Executive. We welcome all guest lecture opportunities and other participation in ITE events in the Hamilton Area and surrounding sections.

A special thanks to ITE Hamilton Section for funding the catering at this year's event.

UNIVERSITY OF WATERLOO

Winter 2014

Though the winter was windy in Waterloo, the UW-ITE Student Chapter kept warm with several activities including professional seminars and a great student social.

Two seminars were held during the term: on January 29, Waterloo hosted Dr. Zak Patterson, an Assistant Professor from Concordia University to discuss the applicability of video games and virtual reality for stated preference surveys used in transportation and land use planning. On March 13, Dr. Alireza Kasaiezadeh shared his expertise in vehicle dynamics, control and optimization to discuss the upcoming trends in active safety systems in modern cars. Both of these seminars provided great insight into innovations within the transportation field.



In celebration of the Canadian golden sweep of the Olympic podium, this term's UW-ITE social was held at the KW Granite Curling Club. Friends and family of the Student Chapter learned how to curl and sweep before taking to the ice in a friendly game. It was a great way to end the term.

UW-ITE is looking forward to welcoming CITE to Waterloo Region in June!

UNIVERSITY OF TORONTO

Friday Speaker Series

Each year, the U of T chapter runs a weekly Friday Seminar Speaker Series spanning the fall and winter terms. This year saw 23 speakers each give hour-long talks on a wide range of transportation engineering and urban planning topics followed by a networking lunch with our student members. Speakers were sourced from a variety of backgrounds, including student members, the Toronto Section President, four international speakers from Europe and the U.S., and a balance of representatives from government and private firms. A full list of speakers can be found on our newly launched website (www.ut-ite.ca).



3rd Annual Student-Industry Mixer

Perhaps our most important event of the year was the third installment of our hugely successful UT-ITE Student-Industry Mixer held on March 26th. As in previous years, the mixer served to connect UT-ITE members with peer groups including the Ryerson Chapter, local professionals, U of T alumni, and the always-supportive ITE Toronto Section. It was attended by over 100 U of T and Ryerson students, and was sponsored by Parsons Brinckerhoff, Arup, BA Group, Delcan, IBI, LEA, MMM, and URS. Representatives from Metrolinx, the Ministry of Transportation of Ontario, City of Toronto, City of Mississauga, and the Toronto Centre for Active Transportation were also in attendance. The goal of the mixer was to create a friendly environment where students in the GTA could mingle with professionals and peers, build networks, and learn about career options in the transportation industry. Many thanks to everyone who made this event possible.

Tour of the Union Station Expansion

In mid-March, UT-ITE and the City of Toronto organized guided tours of the on-going renovations of Toronto's Union Station for



over twenty students. This central transportation hub connects the region to the heart of the city, serving over 250,000 passengers a day. The expansions underway are necessary to keep up with the expected 80% growth by 2031. Our members were very excited by this opportunity to preview the underground concourse that has required almost the complete excavation of the building footprint. It was fascinating to hear first-hand how the project is being coordinated to keep Union Station fully operational throughout every stage of the reconstruction work.

ITE Toronto Section Events

In November, the chapter sponsored four of our members to attend the joint Toronto Section-Ontario Traffic Council workshop on Developing Sustainable Downtowns. The day long session held in Woodbridge had presentations from cities in the region detailing how each downtown centre is aiming to integrate sustainable transportation into the surrounding areas. Not only was this an opportunity to learn about the transportation and land-use planning underway across the GTHA, but also to hear how developers and consultants are being involved in creating healthy urban centres.



In December, three UT-ITE members attended the Toronto Section Christmas Luncheon, which was an excellent networking opportunity and a chance to hear Tim Laspa, the City of Toronto Director of Transportation Planning, give a keynote presentation. The students enjoyed the chance to meet other ITE student chapter and Toronto section members in a relaxed and festive environment. A nice way to kick off to the Christmas season!

Socials

In addition to our professional events, we held several socials to build ties within the group in more casual settings. The annual Open House, a hockey pub night and our annual Christmas potluck were the highlights of the fall semester. In late January, the chapter visited the newly opened Ripley's Aquarium. Located in the heart of downtown Toronto, it is now Canada's largest indoor aquarium. It was one of the coldest nights of the year, but we did not let the weather discourage us from spending a few hours entranced by the exotic fish, mammals and other marine life.

Continuing a multi-year tradition, the chapter attended two curling bonspiels during the year, organized by the University of Toronto Curling Club. Following a successful tournament in the fall, over 16 members participated in the February bonspiel, many of whom were curling for the first time. Overcoming this deficit in experience, our entrants were again amongst the top teams.



Finally, to help our members have some fun before the tough end of semester and exams, the chapter headed out in March for a night of pool and chicken wings. Our photographer was there and captured our pool players in action.



Elections

Our election to determine next year's ITE Executive was held in early April. Though competition was fierce, four successful candidates eventually emerged scathed but unbowed to form the 2014-2015 UT-ITE Executive:

- President: Alec Knowles
- Vice-President: Matt Austin
- Financial Executive: Adam Rosenfield
- Administrative Executive: Sami Hasnine

We wish them all the best in their efforts to serve the UT-ITE community throughout the coming year.

Upcoming Events

Our chapter will be aiming to regain our Canadian title at this year's annual Collegiate Traffic Bowl event in Waterloo! This will mark the 4th consecutive year the Chapter will be participating, having won the competition twice. This year's team members are Sami Hasnine, Yunfei Zhang, Teddy Lin and Matt Austin. To prepare, we, jointly with the Toronto Section, will be holding a trivia night event in May as we pit our team against prior team members and industry representatives. We wish our team well!

QUÉBEC ÉTUDIANT

It is a great honour and privilege for me to have been elected by the members of ITE Québec Student Chapter and leading a dynamic team of Transportation Engineers from different universities in Québec.

As the new president of ITE Québec Student Chapter, I couldn't agree more. I am truly honoured and humbled to be associated with the amazing collection of talent that makes up our organization's membership. Together, we have the opportunity to build an even stronger organization by capitalizing on our past accomplishments and recognizing the opportunities that are before us.

Before updating you with the various matters which might be of interest to you, I would like to acknowledge the great work and achievements of my predecessors and introduce to you the new ITE Québec Student Chapter Executives: (see: <http://www.sitem.ca>).

- Rachid Regagui, Chapter Vice-president
- Huizhu Tao, Chapter Treasurer
- Adel Armool, Chapter Secretary
- Ma Carmina Pscual, Webmaster

The Board hold its first in-person meeting in Montréal February 14, 2014, at Concordia University. This allowed us to consult Chapter's new activities in 2014.



One of our main goals is to make your membership more valuable and we are constantly adding to our programs and services. Please review this newsletter and our website, www.sitem.ca, for more information on our activities and services. ITE Québec Student Chapter places you among a very select group that has earned many benefits for its members and is the largest Transportation Engineering Student Organization in Quebec. We hope that you will take advantage of those that our Chapter provides.

Exciting times, indeed!
Amir Khatami

Summary of Recent Chapter Activities

After three months of intense hard work the Chapter has achieved and accomplished a few major tasks. Here is a short summary of our recent activities.

UBC Research Project | The Healthy Canada by Design Coalition Linking Action & Science for Prevention Initiative (CLASP), in partnership with the Technical Liaison Committee of the Canadian Institute of Transportation Engineers (CITE), has asked Dr. Gord Lovegrove to lead a study across Canada on how communities are doing with Active Transportation (AT). In particular, it will discuss more on how exactly infrastructure is being used to promote AT. Chapter has successfully participated in this activity and played a major role in this research development. Several transportation engineering professionals have been interviewed and were asked to fill the questionnaires which UBC research team has been provided and results have been sent back to them.

New updated fully bilingual website | The Chapter website has been updated and it is fully bilingual right now. New registration page also has added to the website and visitors can easily register online and become a member of the Québec Student Chapter (www.sitem.ca).

New promotional videos | Chapter has successfully produced edited and published two official promotional videos which represent Chapter activities and introduces new executive team and their point of views about joining the Chapter. We hope our videos encourage Québec Transportation Engineering students to join our Chapter. Find the at:

- <https://www.youtube.com/watch?v=BLHD2CVTZFs>
- <https://www.youtube.com/watch?v=yBSyr2yTqqs>

Holding Chapter meetings at different Universities in Québec | On Friday, March 7, 2014 the first Chapter meeting was held outside Concordia University, and on Friday, March 14, 2014 Chapter hold its first meeting at McGill University and tried to communicate with Transportation



Engineering students and promote our activities.



Canadian Traffic Bowl 2014, Chapter Team | Chapter organized Traffic Bowl 2014 advertisement strategies at Concordia University and we approached Transportation



Engineering students and encouraged them to participate. Chapter is pleased to participate in Traffic Bowl 2014 with five students and organize their trip & accommodation.



Chapter Activities in 2014

TAC 2014 | Chapter is pleased to invite you to the networking session & an entertaining cocktail party during TAC 2014 conference in Montréal. This year Chapter came up with the idea of holding this networking event with participation of Québec Section and finally Québec Chapter & Section are working closely to hold TAC 2014 networking event on Tuesday September 30th. There will be Québec Chapter & Section presentations regarding their activities in 2014 during this event.



MTEESC 2014 | Having the great experience of MTEESC 2013 at Concordia University now Chapter is planning to hold MTEESC 2014 at McGill University and this year will be even more fun! On November 5, 2014, there will be poster & paper completion with valuable awards and certifications. Student

MTEESC 2014

Montreal Transportation Engineering Student Conference
5th November 2014 at McGill University

Paper & Poster Presentation
Selected Papers/Posters will be awarded
No Registration Fee
Registration includes lunch, & hot coffee
For more information visit our website

www.sitem.ca

McGill MTEESC 2014
Montreal Transportation Engineering Conference
Poster & Paper Presentation Competition

Contact us about it

THIS NOVEMBER

can get advantage of a friendly environment and expand their network with Transportation Engineering Professionals in this event.

UNIVERSITY OF NEW BRUNSWICK

Since the start of the year, the UNB CITE student chapter has been busy hosting a number of events and tours for their members. Every second Wednesday, a lunch and learn event was hosted on campus. Local engineers were invited to speak to the group to talk about the work they do and the projects they are working on in the transportation industry. This event gave students the opportunity to learn about the various fields of transportation engineering in the Fredericton area. Speakers included members of the UNB Collision Investigation Teams who spoke about their work with Transport Canada, Dr. Eric Hildebrand who presented his work on "Engineering Dramatically Safer Highways for Tomorrow", Darren Charters from the City of Fredericton and Peter Allaby from EXP. In March, the chapter organized a tour to the New Brunswick Department of Transportation and Infrastructure's Sign Shop. Students learned about the various processes it takes to fabricate a sign from concept to installation. In April, the student chapter hosted the annual Grad House event. This was a great opportunity for the students to get together and celebrate the end of another great school year!



Above: Grad House Event

Once again, The UNB CITE student chapter has chosen 3 members who will be travelling to the Waterloo Region in June to attend the 2014 CITE Conference and compete in the Traffic Bowl!

Scott Adams & Katie Pelkey
Co-Presidents
UNB CITE Student Chapter

HELP!

MISSING TROPHY ALERT!

Have you seen the CITE Annual Street Hockey Tournament Trophy?

Anyone with information concerning the whereabouts of the missing chalice (see photo at right) is asked to contact:

Gene Chartier ... gene.chartier@hatchmott.com

Persons offering information leading to its successful recovery will be handsomely rewarded!



Right: Actual street hockey trophy not exactly as shown

COMING EVENTS

2014

MAY

28-31 Canadian Society for Civil Engineering -
Halifax, NS
www.csce.ca

JUNE

1-4 Canadian Institute of Transportation Engineers-
Region of Waterloo, ON
www.cite7.org

1-4 Canadian Multidisciplinary Road Safety
Conference – Vancouver, BC
www.carsp.ca

1-4 ITS Society of Canada Annual Conference &
General Meeting – Victoria, BC
www.itscanada.ca

4-7 Congress for the New Urbanism – Buffalo, NY
www.cnu.org

7-11 CUTA Annual Conference – Gatineau, QC
www.cutaactu.ca

SEPTEMBER/OCTOBER

27-01 Canadian Parking Association Annual
Conference & Trade Show – St John's, NF
www.canadianparking.ca

28-01 Transportation Association of Canada
Conference & Exhibition – Montréal, QC
www.tac-atc.ca

NOVEMBER

15-19 CUTA Fall Conference – Niagara Falls, ON
www.cutaactu.ca

2015

MAY

26-30 Canadian Society for Civil Engineering -
Regina, SK
www.csce.ca

MAY/JUNE

TBD Canadian Institute of Transportation Engineers
– Regina, SK
www.cite7.org

TBD CUTA Annual Conference – Winnipeg, MB
www.cutaactu.ca

OCTOBER

17-21 Canadian Parking Association Annual
Conference & Trade Show – Vancouver, BC
www.canadianparking.ca

NOVEMBER

20-25 CUTA Fall Conference – Montréal, QC
www.cutaactu.ca

2016

OCTOBER

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

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If you wish to advertise in the next edition of Transportation Talk, we have a variety of ad sizes and frequency rates for you to choose from. For information regarding ad rates and file specifications, visit the CITE website as follows:

www.cite7.org/resources/transportation_talk/advertising.php

The advertising booking deadline for the next edition is June 20, 2014.

Issue	Submission	DistributionDeadline
Summer 2014.....	June 20, 2014.....	July 25, 2014
Fall 2014	October 10, 2014.....	October 27, 2014
Winter 2014/15.....	January 9, 2015.....	January 26, 2015

If you have any questions regarding future advertising, or require assistance, please contact: newseditor@cite7.org

Career Opportunities

Please note that Transportation Talk will not accept any form of career advertising. If you are interested in advertising employment opportunities to CITE members, please visit our website for more information:

www.cite7.org/employment_opportunities/index.php

CITE Contacts

EXECUTIVE

President: Peter Truch, P.Eng., PTOE, FITE
president@cite7.org

Vice President: Jen Malzer, P.Eng., MITE
vicepresident@cite7.org

Secretary/Treasurer: Edward Soldo, P.Eng., FITE
secretary@cite7.org

Past President: Jeannette Montufar, Ph.D., P.Eng., FITE
pastpresident@cite7.org

District Director: Bruce Belmore, P.Eng., PTOE, FITE
director@cite7.org

TECHNICAL LIAISON COMMITTEE (TLC) CONTACTS

Chair: Mike Skene
mskene@blvdgroup.ca

Committee: Kari Fellows, P.Eng., PTOE
kari.fellows@calgary.ca

Committee: Ekke Kok, M.Eng., P.Eng.
ekke.kok@calgary.ca

Committee: Kerra Mruss, M.Sc., P.Eng.
MrussK@mmm.ca

Committee: Russell Brownlee, M.A. Sc., P.Eng., FITE
rbrownlee@giffinkoerth.com

Committee: Dwayne Cross, P.Eng.
crossdw@gov.ns.ca

Committee: Pedram Izadpanah, Ph.D., P.Eng.
pedram.izadpanah@cima.ca

SECTION/CHAPTER CONTACTS

Vancouver Island: Mitchell Jacobson, MITE
mjacobson@blvdgroup.ca

Greater Vancouver: Stanley Li, MITE
president@citevancouver.org

BC Interior: James Donnelly, P.Eng., PTOE, MITE
cite.bcinteriorchapter@gmail.com

Northern Alberta: Daniel Vriend, E.I.T.
daniel.vriend@edmonton.ca

Southern Alberta: Paul Steel, P.Eng.
psteel@eba.ca

Lethbridge: Calvin Van Mulligen
cvanmulligen@gmail.com

Saskatchewan: Shirley Matt, P.Eng.
Shirley.Matt@Saskatoon.ca

Manitoba: Jonathan Regehr, P.Eng.
Jonathan.Regehr@ad.umanitoba.ca

Southwestern Ontario: Maged Elmadhoon, P.Eng.
melmadho@london.ca

Hamilton: Ed Switenky, C.E.T.
ESwitenky@regionofwaterloo.ca

Toronto: Mehemed Delibasic, P.Eng.
Mehemed.Delibasic@wspgroup.com

National Capital: Doug Green, P.Eng., PTOE, MITE
dgreen@dillon.ca

Québec: Paul Bourque, IAITE
paul@pabeco.com

Atlantic: Greg O'Brien, P.Eng., MITE
Greg.O'Brien@genivar.com

TRANSPORTATION TALK

Managing Editor: Don Cook, P.Eng., MITE
managing_editor@cite7.org

News & Advertising: Sandy Rempel
newseditor@cite7.org

CITE Contacts

STUDENT CHAPTER ADVISORS

Carleton University	Ata Khan (Adv.) ata_khan@carleton.ca
Lakehead University	Dr. Juan Pernia (Adv.) jpernia@lakeheadu.ca
Mohawk College	Sean Nix (Adv.) sean.nix@mohawkcollege.ca
Ryerson University	Ying Jun (Joseph) Chow (Adv.) joseph.chow@ryerson.ca
University of Alberta	Tony Z. Qiu (Adv.) zhijunqiu@ualberta.ca
University of British Columbia	Tarek Sayed (Adv.) tsayed@civil.ubc.ca
University of British Columbia-Okanagan	Gordon Lovegrove (Adv.) gord.lovegrove@ubc.ca
University of Calgary	Lina Kattan (Adv.) lkattan@ucalgary.ca
Québec Étudiant	Ciprian Alecsandru (Adv.) ciprian.alecsandru@concordia.ca
University of Manitoba	Jeannette Montufar (Adv.) Jeannette.Montufar@ad.umanitoba.ca
University of New Brunswick	Eric Hildebrand (Adv.) edh@unb.ca
University of Saskatchewan	Peter Park (Adv.) pyp764@mail.usask.ca
University of Toronto	Khandker Nurul Habib (Adv.) khandker.nurulhabib@utoronto.ca
University of Waterloo	Bruce Hellinga (Adv.) bhellinga@uwaterloo.ca

PRESIDENTS

Basil Alsati basilalsati@cmail.carleton.ca
.....
.....
James Nelson ryersonite@gmail.com
Rajib Sikder sikder@ualberta.ca
Martina Riessner president@ubcite.org
Luke Friesen ubcocite@gmail.com
.....
Amir Khatami info@site.m.ca
Ali Campbell president@iteumanitoba.ca
Denis Paradis w3701@unb.ca
Nadeem Abbas ite.sc.uos@gmail.com
Siva Srikukenthiran ite@utoronto.com
Ehsan Bagheri uw.ite.sc@gmail.com