

Transportation



Talk

CANADIAN INSTITUTE OF TRANSPORTATION ENGINEERS MEMBER NEWSLETTER

Volume 32, Number 1

ITE RECOMMENDED PRACTICES

Procedural Review

Reviewed by:

**Brian Bochner, Texas Transportation Institute
Douglas Noble, ITE Headquarters**

Edited by:

Sandy Rempel

IN THIS ISSUE

Feature Article	Cover
President's Message	4
Director's Message	5
Candidates for ITE International Vice President	6
TLC News	7
Alternative Modes of Mobility	8
Reader's Choice: Bicycle Diaries	9
CoCo Report	10
TOMSC Call for Applications	11
Member Highlight: Rod Peacock	12
University of New Brunswick	14
Notable Notes	15
Coming Events	15
Section News	16
Student News	18
CITE Bookstore	21
Advertising Directory	23
CITE Contacts	25
2010 Conference	Back cover

For decades ITE has published Recommended Practice (RP) reports providing guidance to transportation planning and engineering professionals in selected areas of practice. In most cases, volunteer committees develop the RPs which then go through extensive review processes in accordance with ITE procedures. According to ITE Coordinating Council procedures, existing RPs are to be reviewed at least every five years for relevance and currency, after which they are retained as is, updated, and/or expanded, replaced, or withdrawn. Committees also occasionally develop new RPs on new subjects as needs are identified.

In 2002, through the appointment of a Recommended Practice Task Force, the Coordinating Council undertook a comprehensive review of all RPs to review a number of related issues. From the recommendations presented, ITE decided to undertake a comprehensive approach to developing and maintaining a RP set with the first step being to complete a comprehensive assessment of the existing RPs.

Each RP is intended to reflect a need for and recommendations consistent with the following:

- There is widespread need for each specific RP.
- There is risk of inconsistent application of practices without RP.
- There is consensus on a "best" recommended practice.
- ITE is the most appropriate organization to develop and maintain a specific RP.

- ITE has the resources available to develop, update, and/or maintain the RP.

NEED FOR REVIEW OF RP PROCESS

Over the past several years the limitation of resources in terms of both volunteer time and available funding have made it increasingly difficult for RPs to be completed in a timely manner using traditional processes. Additionally, the traditional process has numerous steps and requires extended durations of time to complete. The result was that few RPs had been updated or created for several years, and several have not been updated as they might have been. On the other hand, there have been expressions of need for additional and revised RPs and some have reached the draft and final stages.

CORE SET OF RECOMMENDED PRACTICES

The Coordinating Council determined that a “core set” of RPs, or criteria for establishing the core set, is needed. At the same time the needs of the transportation profession should also be a consideration. There is a need to address both the “supply” side and the “demand” side of the equation, and the review of existing and suggested new recommended practices is to be undertaken at a minimum of every five years. Each time existing and proposed RPs are reviewed those selected for additional work should be prioritized.

MANAGEMENT OF RECOMMENDED PRACTICES

In response to study results the Coordinating Council established a Standing Committee on Oversight of Recommended Practices (SCORP) to manage the RP process, and to act as a centralized committee to provide the consistent guidance and management of Recommended Practices. Representation on this group includes a core consisting of the Coordinating Council Vice Chair as committee chair, ITE Headquarters Senior Director(s), and applicable Technical Councils. Experts in specific subject areas are involved with the core group as needed.

The SCORP is responsible for ensuring that all existing RPs are updated, at a minimum, of every five years. When a RP is identified for review, the SCORP is responsible for establishing the review panel which will include representatives of the SCORP, the chair of the RP being reviewed, and technical experts as selected by the SCORP. The review panel is charged with making recommendations to:

- retain the RP as is - no further action is necessary.
- update the RP - the RP would be referred to the appropriate specialty council for update by a volunteer subcommittee.
- replace the RP (major rewrite), - the RP would be rewritten following the procedures for new RPs.

or

- withdraw the RP - any RP proposed for withdrawal by

the technical review panel and endorsed by the SCORP would be brought to the full Coordinating Council for formal approval to proceed. Once approved, it would follow the current withdrawal guidelines (notice of intent in Journal, comment period, etc).

Recommendations from the review panel are implemented accordingly by the SCORP.

DEVELOPMENT OF NEW RECOMMENDED PRACTICES

The process presented covers the development of new recommended practices as well as the replacement of existing recommended practices where such replacement constitutes a major rewrite. The ITE *Recommended Practices Development Process* documenting these procedures is available through the ITE website, www.ite.org/councils/RPGuide.pdf. Process implementation occurs through either one of two methods:

- a fixed-fee consultant contract, or
- volunteer resources.

The steps in the RP development process are as follows:

1. SCORP develops and maintains list of RPs that are candidates for development, as per the “Management of RPs.” In addition, technical councils or others may propose a recommended practice through the project proposal form which requires approval of the Coordinating Council leadership.
2. SCORP prioritizes list of candidate RPs and provides recommendations to the Coordinating Council regarding the need and support resources for new/revised RPs. The Coordinating Council approves ITE staff and responsible Councils to begin work on RPs (either by volunteer or paid effort.)
3. ITE Council(s) responsible for the RP appoints an 8-10 member panel that would contain the expertise and balance as required in the ITE *Recommended Practices Development Process*.
4. At its first meeting, this panel thoroughly discusses the proposed RP, refines the tentative scope, suggests sources of information, outlines recommendations to be included or considered, and identifies and discusses potential consultants.
5. Development process
 - a) (*with paid effort*) Following this meeting ITE staff advertises, the panel selects, and ITE executes a consultant agreement. The agreement typically includes: gathering any additional necessary background information on the topic, drafting the proposed RP, summarizing comments received, incorporating comments as determined by the panel, preparing the proposed RP for submittal to ITE for publication, and preparing the final RP and the RP Development Report.
 - b) (*with volunteer effort*) Following this meeting, the

responsible council's Chair or Vice Chair negotiates a commitment with the RP committee chair which would include: communicating and brainstorming with committee members on a regular basis, committee gathering of any additional necessary background information on the topic, committee drafting the proposed RP, committee chair summarizing comments received as well as responses to them, incorporating comments as determined by the committee and later the RP review panel, preparing the proposed RP for submittal to ITE for editing and publication, preparing the final RP and the RP Development Report for submittal to ITE for final editing and publication.

6. The consultant or committee prepares the first draft of the proposed RP.
7. Review Process
 - a) (*volunteer committee*) Volunteer committee reviews, revises, and approves proposed RP for submittal to ITE.
 - b) (*paid preparer*) The proposed RP is reviewed by the panel and subsequently revised for subsequent panel review. Consultant reviews comments with panel and makes final revisions as needed.
8. The proposed RP is then revised and submitted to ITE. ITE staff selects an independent review panel to conduct a separate review and ballot the report for publication as a proposed RP. ITE staff returns any panel comments for response and report revision.
- 9) Preparer revises report and re-ballots panel or committee if any changes of substance are made, then transmits to ITE for final approval, editing, and publication as a proposed RP.
- 10) ITE publishes to solicit comments on the proposed RP during a public review period of at least 60 days and not to exceed one year (period varies based on content).
- 11) ITE staff forwards comments received to the panel chair and to the preparer
- 12) Preparer works with ITE staff (and for paid preparer, with panel chair) to develop recommended resolution of comments. Preparer submits summary of resolution of comments to ITE HQ, and ITE staff obtains approval from panel or volunteer committee as applicable.
- 13) Preparer prepares final draft of RP and submits to ITE HQ. ITE staff obtains the necessary final approvals (independent review panel and International Board of Direction) and edits and published final RP.

The general roles of the RP review and approval process are as follows:

ITE Board: Sets general ITE policy and may provide funds subject to budgetary approval. Provides final approval to publish final RPs.

SCORP: Responsible for overall management of ITE RP process, including review of existing RP's, evaluating and maintaining a list of proposed RP's, recommending which new/revised RP's should move forward for

development. Reports to the ITE Coordinating Council.

ITE Councils: submissions of proposals for development of RPs, appointment of RP panels, monitoring progress of panels

ITE Staff: execute contract with consultant and oversee consultant work, obtain necessary approvals, publish proposed RP for comment, provide staff support to SCORP/ITE Councils/panels

Consultant or volunteer committee chair (with committee help): drafting the proposed RP, summarizing comments received, incorporating comments as determined by the panel, preparing the final RP and the RP Development Report

RP Panel: refine the tentative scope of the RP, suggest sources of information, outline recommendations to be included or considered, and identify potential consultants, review and approve all products

IN CONCLUSION

Currently, CITE's Technical Liaison Committee is considering the development of a Canadian RP process as not all ITE RPs are applicable to Canada. More information regarding this initiative will be made available in upcoming issues of Transportation Talk.

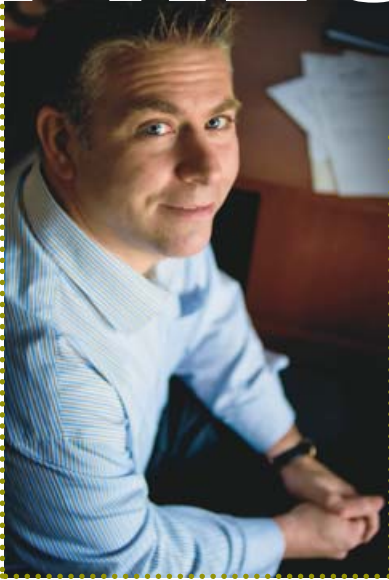
To review the current Master Recommended Practice Status List, visit www.ite.org/bookstore/RecommendedPractices.xls

T T

Editor's Note: This issue's feature article is both a combined and condensed version of two documents forwarded to Transportation Talk by Brian Bochner, Senior Research Engineer with the Texas Transportation Institute.

PRESIDENT'S

MESSAGE



Hi Folks!

I hope everyone is enjoying the unseasonably warm weather we have been experiencing this year. According to TheWeatherNetwork.com, last month's combined land and ocean surface temperature were the warmest ever recorded.

We have also just lived through the fourth balmiest January - March period on record.

We in the Toronto area observed another record breaking trend earlier this year that wasn't quite as pleasant. In January, there were 14 pedestrian fatalities in the Greater Toronto Area, only the second time in 30 years has this happened. The media offered various explanations for the rash of collisions - the warm weather, more out-of-town drivers, and inattentive motorists and pedestrians. Others though blamed poor road design, and inadequate traffic control devices and pavement markings. I found this assertion particularly disturbing. Our profession views safety as its top priority and when people are killed or seriously injured within the transportation system, it may feel like we have not succeeded in meeting that objective.

One of the more productive ways CITE helps to foster safety is through our technical programs, which is the theme for this issue of Transportation Talk. We continue to support the development of useful technical products, such as the Canadian Capacity Guide for Signalized Intersections, which was recently endorsed by the Transportation Association of Canada, and Promoting Sustainable Transportation Through Site Design, which is the first CITE-sponsored Recommended Practice approved by ITE. During a recent teleconference I was a little surprised and quite heartened to discover how far advanced our technical program is compared to other ITE Districts. The program is the "bread and butter" of our organization and will continue to be a priority for the Executive Committee.

Preparations continue for the ITE International Meeting being held in Vancouver from August 8 to 11, 2010. The technical program for the event promises to be outstanding, as transportation practitioners from around world will assemble to share their collective experience and knowledge. I encourage you to make this meeting, which will also serve as the Canadian District conference, your destination of choice.

A new addition to the ITE International Meeting agenda this year will be the inaugural Collegiate Traffic Bowl. The traffic bowl is a

knowledge competition among ITE Student Chapters, similar to the TV game show "Jeopardy," but with a transportation engineering and planning flavour for the clues, questions and answers. The Canadian District will be holding a "playdown" between the University of Manitoba and University of Waterloo later this spring to select its representative for this prestigious event. If you have any good questions for the competition, please pass them along to Dave Richardson of MMM Group in Toronto, who leads the District's clue development team. Dave can be reached at richardsond@mmm.ca.

Our local sections and chapters continue to thrive. Earlier this year, I attended a Southwestern Ontario Section meeting and had the opportunity to reminisce with former colleagues and classmates, and swear in the new Section Executive Committee. The event was well attended and offered an excellent technical program with Nancy Button providing an overview of the Region of Waterloo's LRT plans.

I also participated in two events jointly hosted by the Toronto, Hamilton and Southwestern Ontario Sections. Their Student Presentation Competition attracted six great speakers, whom I dare say would put some of us to shame with their preparation and delivery of insightful technical presentations. And just this past week, the sections held their first half day technical workshop, featuring three speakers on topics related to sustainability. The meeting also provided an opportunity for the three ITE International Vice-President candidates to share their vision for the organization. ITE International President Paul Eng-Wong attended as well, and provided an update on current international initiatives. You will find more information on the International VP candidates and the updated ITE Strategic Plan inside Transportation Talk. Congratulations to the Sections for their cooperative efforts.

For further information on the great work of our local Sections, Chapters and Student Chapters, visit the News features in this edition.

On a final note, I encourage you to get involved in the organization. There are many opportunities to participate in meaningful and interesting projects, so just let us know if you're interested. To ease the application process we have uploaded a new Volunteer Information Form to our website:

www.cite7.org/executive/documents/VolunteerInformationForm.doc

Feel free to drop me an email at president@cite7.org if there is anything you want to share about CITE.

Gene



I am writing this message upon my return from the 2010 Technical Conference and Exhibit, the weekend International Board meetings, and last but not least the St. Patrick's Day celebrations in Savannah, Georgia.

News from the International Board

ITE Headquarters is moving in August 2010. Our current ten year lease is expiring and the current property owners are opting out of an extension as they are attempting to secure government agency tenants and institute higher building security measures. Our new home will be at 1627 Eye Street, NW in Washington, two blocks from the White House and with great access to two subway lines.

One of the primary agenda items of the IBOD meeting was the update to the ITE Strategic Plan developed in 2008 (www.ite.org/aboutite/StrategicPlan.pdf). The Board resolved to maintain many of the 2008 goals and strategies; however, significant changes were recommended to assign greater prominence to safety and sustainability in the new Plan. Safety, sustainability and efficient mobility for all users were formulated into individual goals under the Goal for Quality of Life. It is the intention that the finalized Plan will see ITE supporting the global efforts toward zero road user fatalities and halving roadway fatalities over the next ten years. The objectives and strategies under each of these goals will be formulated over the next six weeks through three Board appointed sub-committees. I am happy to announce that Canadian District members will be at the forefront of these complementary efforts, and will lead two of the three IBOD subcommittees. Jim Gough, Chair of the IBOD Advisory Committee on Sustainability will lead the sustainability portion, and I will be chairing the subcommittee to develop the transportation safety components of the Plan.

ITE International VP Candidates

The 2010 ITE Election nominations process has resulted in three Vice-President Candidates: Ray Davis, Rock Miller, and Troy Peoples; all of which are long standing and dedicated ITE members. Annually, the Nominating Committee is charged with selecting two VP candidates for elections; however, the ITE Constitution allows for members to be nominated by petition. This latter opportunity has given us three candidates for the coming election. I invite you to www.ite.org where you will find the Presidential and Vice-Presidential candidates biographies and websites on the home page.

Canadian District Members News

In closing, I would like to recognize another Canadian District member, Julia Salvini of Metrolinx. She is a Past President of the Toronto Section and was dedicated member of the Section Executive for a number of years. Recently, Julia accepted an appointment to the ITE Transportation Planning Council Executive Committee. I look forward to her continued involvement in this new role.

Russell Brownlee, FITE, P. Eng.
Canadian District Director

CANDIDATES

For ITE International Vice President



**Troy A. Peoples, P.E., FITE
Vice President-Transportation,
Stantec Inc. (Raleigh, NC)**

Throughout Troy's 39 years of transportation experience, first as North Carolina State Traffic Engineer for the Department of Transportation and now as Stantec's Transportation Planning and Traffic Engineering Practice leader, he has been committed to mentoring all ages, developing sustainable engineering practices and implementing policies to ensure the safety of the traveling public. Troy has also served on a variety of councils, committees and task forces for industry associations such as the ITE, AASHTO and TRB. Troy is primed to lead ITE into the future.

As International Vice President, Troy will focus on three key initiatives. Foster multi-generational relationships. Enhance programs involving multi-generational groups to optimize past experience with new delivery methods and technologies. Improve collaboration amongst industry associations. Utilizing the strengths and resources of many, integrate various associations to foster cutting-edge techniques and sustainable solutions. For instance, conduct joint meetings with AASHTO and MPOs to share best practices between associations. Implement sustainability guidelines in the transportation industry. Identify sustainable practices and a value based criteria for professional certification. ITE should not only promote sustainable practices in transportation, but rather set the standards for design, implementation and recognition of these proven techniques.



**Rock E. Miller, P.E., PTOE, FITE
Principal, KOA Corporation
(Orange, CA)**

Rock has over 30 years in the transportation profession as a Consultant, City Traffic Engineer and as an academic instructor. His professional expertise includes traffic signals, pedestrians, bicycles, roundabouts, railroad crossings and innovative solutions, for which Rock has received many awards. Rock has served on the ITE International Board, and as President of District 6 and the Southern California Section. Rock regularly attends and presents at all levels of ITE meetings.

Rock is honored to have been selected by the International Nominations Committee as a candidate for International Vice

President. Rock has chosen "Transportation at the Crossroads" as his campaign theme. He believes sustainable transportation will require strong leadership in the profession and by ITE. ITE needs to be proactive with respect to the larger issues that face the transportation profession and communities; these include viable funding, solutions to congestion and improvements in safety. ITE can enhance the image and prestige of our profession, while improving the quality of life in the communities we serve. We also must face other important issues including energy, the environment, aging drivers and attracting the next generation of leaders to our profession. Rock is committed to helping ITE in shaping the future of transportation.



**Ray Davis, P.E., PTOE, FITE
President, RED3 Consulting
(Emeryville, CA)**

"I believe that we work in the best profession in life. We are making the transportation system safer for all users. We improve the quality of life in our local communities through context sensitive design and traffic calming. We embrace climate change and sustainability through signal optimization, TDM, ITS, bicycle and pedestrian applications. We affect the lives of every man, woman and child every day. We should all be proud that we are making our world a better place to live."

Vision for making the best profession in life, even better

- A New Involvement Paradigm that will use current technology to allow any member to participate in technical committees without leaving their desks.
- Create an On-Demand Electronic ITE Library to enable all transportation professionals to have access to the best information available.
- Life Long Professional Development and Mentoring programs for younger and mid-level professionals to grow within, and eventually lead, the organization where they work.
- Embracing all Transportation Professionals to reflect ITE's Strategic Plan.
- Enhanced Advocacy to reduce driver distractions to improve roadway safety.

Visit www.ray4ite.com for more on how Ray is going to work with you to make the best profession in life, even better.

TECHNICAL LIAISON COMMITTEE

News



ANNOUNCEMENT:

On behalf of the Technical Liaison Committee (TLC) I would like to announce the “retirement” of Zoran Postic. Having recently been accepted into the Queen’s University MBA program and starting a new job at HD iTrans, Zoran quite reasonably feels that he needs to put his efforts into these areas. A truly great TLC member over the past several years, Zoran has contributed with great ideas, humour and hard work. I am glad to have worked with him, and to also have the opportunity to now know him personally. The TLC members will miss him but expect as a CITE member he will continue to be involved as time permits. Pedram and Russell will take over the “Road safety Program Assessment Project.”

This retirement has opened up an opportunity for a new member of the TLC to be appointed. We are therefore calling interested people to complete our newly uploaded Volunteer Information Form which is available at:

www.cite7.org/executive/documents/VolunteerInformationForm.doc

If you have any questions or need further information, you can contact me at miskene@blvdgroup.ca.

..... Submitted by: Mike Skene
Chair, Technical Liaison Committee

BACKGROUND:

The role of the TLC is to coordinate technical projects and initiatives. We meet in person at least two times per year, with the remaining meetings conducted via conference calls. Currently we are in the process of updating the CITE webpage, please check back frequently for updates and further information regarding the Technical Liaison Committee.

MOBILIZING MORE EFFICIENTLY

We are AECOM. As a global leader integrating engineering, design, and program management services for the transportation industry, we create today’s solutions that outperform tomorrow’s conventions. Ranked #1 in Transportation by Engineering News-Record, we act as a strategic partner to help execute your projects and visions reliably and efficiently.

AECOM... Enhancing the world’s built, natural and social environments.

www.aecom.com

AECOM

GUEST ARTICLE

Editor's Note: This is the last in a series of three articles written by Mr. Poirier as a monthly column for the Westwind Weekly, which has a readership of 6,000 and distributes to the towns of Magrath, Raymond, Stirling, Del Bonita, Spring Coulee and Welling, AB.

ALTERNATIVE MODES OF MOBILITY

By: Chris Poirier, BA, CET
Lethbridge, AB

An interesting and important debate is underway regarding the use of ATVs on the streets of Magrath. I am a strong proponent of alternative transportation modes. Anything we can do to drive our cars less is a good thing. But I have to say, ATVs are not the answer.

I'm sure there are several seemingly valid reasons from the proponents of ATV use on public roads, but let's keep in mind here, we're talking about a town that's roughly one square mile (roughly 2.5 square km) in area with many trips likely only being two or three blocks. Only in North America with our addiction to motorized mobility could such a debate arise. In a town of similar area in Europe or Asia, most people wouldn't think twice about walking or riding that brilliant centuries-old invention noted for being highly economical, providing innumerable health benefits and requiring only human power - the bicycle!

If you really think you can't walk or ride a bicycle, there is another alternative that I hope gets some serious consideration - electric golf carts. In many small U.S. towns they are successfully being permitted on public roads primarily as a means of decreasing fuel consumption. To make them street legal however, they must be equipped with head, brake and signal lights, seatbelts, a roll bar, a windshield and they must be registered, insured and plated.

Police not being permitted to pursue speeding "souped-up" carts, fatal cart rollovers and the tearing up of lawns and parks would almost become non-issues as electric golf carts have slick tires, are battery powered, have a lower center of gravity making them more stable and they're usually governed to operate at maximum speeds of 25 mph or 40 km/h. And let's not forget their most important benefit - they don't use gasoline or emit toxic greenhouse gases.

If ATVs are permitted on roads then why not dirt bikes, skid steers, forklifts, Argos or riding lawn mowers?

Permitting a vehicle designed primarily for aggressive off-road use and capable of excessively high speeds would be sorely irresponsible of any municipality. If you want to leave the car or truck in the driveway (and that's a great idea), try walking, riding a bicycle (or even a street legal motorcycle) or start a petition for the use of the right alternate vehicle - an electric golf cart.

Let me know what you think at vwtranspo@gmail.com..TT



BIOGRAPHY

Christopher P.J. Poirier, CET, BA works as a transportation designer and project manager with AECOM in Lethbridge.

During his eight-year career Chris has designed rural highways and intersections and urban corridors throughout Ontario, Alberta and B.C., and has helped write development plans and land use policy for several southwestern Alberta towns and cities. He is a member of the Association of Science and Engineering Technology Professionals of Alberta, an active member of the Institute of Transportation Engineers (ITE), founder of the Lethbridge Chapter, and an Associate Member of the Alberta Association of the Canadian Institute of Planners (AACIP).

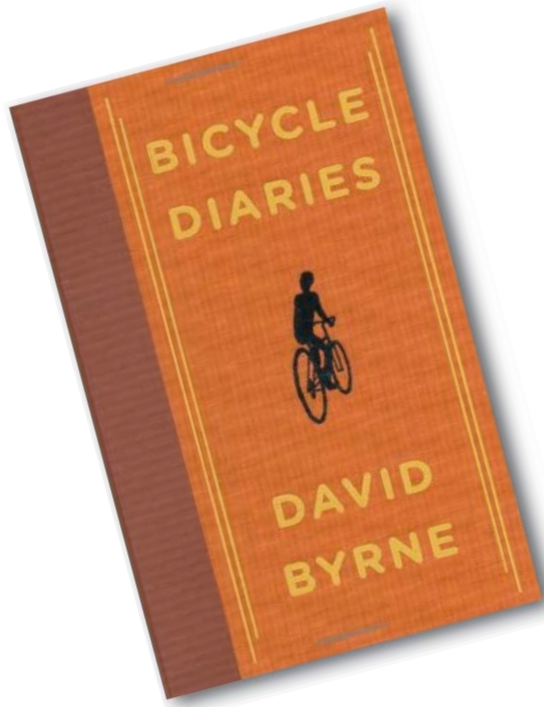
Passionate about all things transportation, Chris has researched and written papers on sustainable transportation, active modes, road pricing, roundabouts, public transit and the design and operations of bike lanes. A graduate of Lethbridge College (Civil Engineering Technology, 2001) and the University of Calgary (Urban Studies, 2008), Chris' current interests lie in the integration of land use and mobility, transportation and renewable energy, and the resurgence of streetcars and cycling. He stays current on transportation topics through the ITE journal, AACIP journal, www.planetizen.com and www.infrastructurist.com.

Chris enjoys reading, good conversation, good movies, photography, karaoke, and frisbee, and lives in Raymond with his wife and three children.

Reader's



CHOICE



BICYCLE DIARIES

by David Byrne

Since the early 1980s, David Byrne has been riding a bike as his principal means of transportation in New York City. Two decades ago, he discovered folding bikes and started taking them on tour. Byrne's choice was made out of convenience rather than political motivation, but the more cities he saw from his bicycle, the more he became hooked on this mode of transport and the sense of liberation it provided. Convinced that urban biking opens one's eyes to the inner workings and rhythms of a city's geography and population, Byrne began keeping a journal of his observations and insights.

An account of what he sees and whom he meets as he pedals through metropolises from Berlin to Buenos Aires, Istanbul to San Francisco, Manila to New York, *Bicycle Diaries* also records Byrne's thoughts on world music, urban planning, fashion, architecture, cultural dislocation, and much more, all conveyed with a highly personal mixture of humor, curiosity, and humility. Part travelogue, part journal, part photo album, *Bicycle Diaries* is an eye-opening celebration of seeing the world from the seat of a bike.

ABOUT THE AUTHOR

Cofounder of the musical group Talking Heads, David Byrne has also released several solo albums in addition to collaborating with such noted artists as Twyla Tharp, Robert Wilson, and Brian Eno. His art includes photography and installation works and has been published in five books. He lives in New York and he recently added some new bike racks of his own design around town, thanks to the Department of Transportation.

PUBLISHER

Publisher: Viking USA; 1 edition (Sep 22 2009)

ISBN-10: 0670021148

ISBN-13: 978-0670021147

The purpose for the Reader's Choice feature is to generate awareness of transportation-related books whose content may include anything from general interest to the highly technical. All members are encouraged to submit titles for consideration. For your suggestions to be considered, please ensure that the full book title and author name is included with the request. Suggestions may be forwarded to newseditor@cite7.org

ITE COORDINATING COUNCIL

REPORT TO INTERNATIONAL BOARD OF DIRECTION

MARCH 2010

Coordinating Council Action Plan Update

The Coordinating Council adopted its 2010 Action Plan at the January meeting. The actions identified for this year are noted in the 2010 Action Plan (included with this article).

As an initial effort to coordinate technical activities across Districts, Sections and Chapters, a conference call was held on February 24, 2010 with the District Technical Chairs and District Presidents. The purpose of the conference call was to provide the District technical representatives with an overview of the Coordinating Council structure and activities, discuss current District's technical activities, start building connections across ITE Districts and with the Coordinating Council, and introduce the Council Toolbox developed last year.

Council Action Planning

At the January Coordinating Council meeting, each Council Chair presented an Action Plan and Communication Plan for 2010. These plans go beyond the list of projects the councils maintain to support implementation of specific goals for the councils. The Coordinating Council and each of the councils will continue to evolve their action plans to support the IBOD Strategic Plan.

Proposed Transportation Consultants Council Restructuring

The Coordinating Council approved a proposal to restructure council membership in an employer type council - Transportation Consultants Council, Education Council and Public Agency Council - as a free choice for members in addition to membership in one of the technical councils. This proposal was recommended to the IBOD for further action.

Council Chair Reviews

With the focus on action planning, the structure of the triennial reviews will be modified to review progress toward the action plan and identify specific support needs of the councils. The following Council Chairs are scheduled for review this year: Planning, Public Agency, and Transportation Expert Witness.

For more information on the Coordinating Council, visit www.ite.org/councils/coordinating.asp

2010 ACTION PLAN

The Coordinating Council provides leadership and coordination of activities across the Councils.

Mission

The mission of the ITE Councils is to enhance professional

collaboration and advance the technical body of knowledge through communities of common interests.

Goals and Objectives

- Provide communities of common interest and disciplines within the larger ITE community of transportation professionals.
 - Enhance collaboration and communication
 - Support innovation and promote creative responses to timely issues
 - Link professionals and practitioners to advance the profession
 - Build connections to other organizations serving the transportation profession
- Serve as a link between these communities of common interest and other elements of the Institute, including the ITE international leadership, Districts/Sections, student chapters, and individual ITE members.
 - Develop communication tools for information sharing
 - Expand the use of the web to engage younger members
- Be the focal point of communities of common interest for activities, creation of new products and professional development.
 - Develop, collect and distribute technical documents and resources
 - Provide a variety of technical activities and projects to engage a broad range of participation

Action Items

- Review current council projects in light of the Strategic Plan Update and the Gap Analysis to identify technical resource needs and products
- In coordination with the International Board of Direction, identify technical activities that could be coordinated across the Districts, Sections and Chapters to enhance coordination
- Identify opportunities and appropriate approaches to address timely topics and cross-cutting issues
- Maintain and expand the Summary of Tools and Programs Options to reflect the diversity of membership interests and council make-up across the different councils
- Develop an outreach plan to direct activities that increase the involvement of a larger cross-section of the membership (age, geography, area of interest, etc.)

..... Submitted by: Patricia B. Noyes
Chair, ITE Coordinating Council



TOMSC

CALL FOR APPLICATIONS

CITE Appointees to the Transportation Association of Canada (TAC) Traffic Operations and Management Standing Committee (TOMSC)

POSITION OVERVIEW:

CITE appoints five members to the Transportation Association of Canada (TAC) Traffic Operations and Management Standing Committee (TOMSC). TOMSC is comprised of representatives from provincial and territorial road authorities, municipal governments, and interested associations. The Committee is responsible for organizing, stimulating and coordinating research for the improvement of traffic control devices and practices in Canada; and conducting workshops, distributing educational and public information materials, and carrying out such other activities as may be desirable to disseminate information relating to recommended traffic control practices.

Further information on TOMSC can be found at:

www.tac-atc.ca/english/councilsandcommittees/chiefengineers/trafficoperations.cfm

Two of the five CITE positions on TOMSC have become vacant. The term of the appointment shall commence on July 1, 2010, and end on December 31, 2015.

QUALIFICATIONS:

Desirable candidates have significant experience with road authorities in the application of traffic control devices involving most, if not all, of the following activities: planning, design, installation and maintenance. The candidates may currently be working for a road authority, or have previously worked for a road authority and are still employed in the transportation engineering profession.

Representatives from academia are also appropriate candidates, recognizing not only their experience and research capabilities, but also their ready access to students that may be used for

assessment of traffic control devices.

CITE members in private practice who have demonstrated their knowledge in the application of traffic control devices by preparing or updating traffic control device manuals for road authorities or other organizations are also desirable candidates for appointment.

Candidates must be members of TAC through their employers.

APPOINTEES ARE EXPECTED TO:

- Attend the twice-yearly meetings of the Committee. Individuals missing more than two successive meetings may be asked to step down.
- Participate on project committees.
- Finance all travel expenses and time costs required to attend meetings and participate on committees. CITE provides each appointee a travel subsidy of up to \$1,000 annually to help defray costs.
- Remain a CITE member in good standing throughout the period of the appointment.
- Collaborate with the other CITE appointees to write an article for Transportation Talk following each meeting.
- Take an active role in supporting the Canadian Capacity Guide for Signalized Intersections at the Committee.

SUBMISSION REQUIREMENTS:

If you are interested in seeking this appointment, please submit your completed application by May 28, 2010 at 4:30 p.m. (EST) to Mr. Gene Chartier, PEng., CITE President by email at president@cite7.org or by fax at (905) 985-9914. Application forms are available at:

www.cite7.org/executive/documents/VolunteerInformationForm.doc

MEMBER HIGHLIGHT



Academic Achievements & Professional Designations:

P.Eng. (registered in British Columbia, Alberta and Saskatchewan)

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

University of Saskatchewan (1993)

What was your first job after University?

Trimac Transportation - Labourer!!

Current employment:

President and CEO
ISL Engineering and Land Services

When did you join CITE?

2004

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

I have served as Vice President, then President... currently I am Member-at-Large with the Northern Alberta Section

Married with Children?

Yes, Stacey, along with two daughters - Kira (12) & Holly (11)

Current city/prov of residence:

Edmonton, Alberta

Personal hobbies:

- Sports (Squash, volleyball, canoeing, golf)
- Floating in the mineral healing waters of Manitou Beach, SK! Stacey and I are converting an old summer chapel into our family cabin with a lot of help from my general contractors (mom and dad!)

Please describe what attracted you to transportation engineering?

My initial interest in transportation engineering started during a Grade 12 Rotary Exchange in Saskatoon - the University of Saskatchewan Mechanical Engineering program was quite accomplished in developing, designing and building super-mileage vehicles. During my exchange trip, I took a keen interest in the degree to which engineers influenced the look and efficiency of vehicles. Once I started my undergraduate degree at the U of S, my interests changed to planning and designing the networks on which people and vehicles move!

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

People and transportation networks are the life blood of our communities and our economies. Transportation engineers have an exciting opportunity to work within a true team environment with a group of professionals including land use planners, landscape architects, urban designers, geotechnical engineers, acoustical engineers, environmental specialists and many other professionals along with the stakeholders, the public and political decision makers to deliver mobility projects. Our profession has a profound influence on our communities, on our planet and on people's lives. If you have a keen desire to affect change on how people move, this is the career for you!

ROD PEACOCK

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

My parents have had the single largest influence on my life and career. Aside from being the quintessential salt-of-the-earth; they taught me how to work hard to do the right thing. Above all, they taught me how to have fun!

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

That's a long way away! If at the end of the day, if I've done great work with great people while having fun - I'll be very happy.

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

Not really but I enjoy the human element of my job most. If engineering didn't work out, I would have found myself working with people in some fashion.

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

Everyone who rides a bike or a bus, walks a corridor, or drives a vehicle is an expert transportation engineer! I enjoy discussions with friends, neighbours and the public at-large where I have a chance to explain the details of "why the hell we did that!"

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

I pushed Gene Chartier (CITE President) down the streets of Banff in a shopping cart!

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

Ishmael by Dan Quinn... can't go wrong with a telepathic gorilla!

Have you ever met anyone you consider famous (who, and describe the meeting - does not have to be engineering related)?

Before attending a training course in Chicago, I had a chance to meet Dan Aykroyd who recommended a series of great "must-sees" in Chicago. Dan's list of highlights made the trip to Chicago fantastic.

What is the single greatest satisfaction you take from the engineering profession?

Each and every day has a new challenge and opportunity. I love the sense of accomplishment at the end of the day: whether I'm developing a solution to a technical issue with a project team, working with our staff to make ISL a better place to work or delivering a successfully completed project for a client.

NEW to CITE

UNIVERSITY OF NEW BRUNSWICK STUDENT CHAPTER



In January 2010 members of the University of New Brunswick's Transportation Group founded the first ever UNB ITE Student Chapter. Since its inception in 1968, the UNB Transportation Group has continually produced professionals to participate in all facets of the transportation industry. The UNB Transportation Group offers a multi-disciplinary and multi-modal program that focuses on subjects such as traffic engineering, transport simulation, road safety engineering, transport facility design, intelligent transportation systems, freight transportation, transportation policy, and urban planning. UNB's ITE Student Chapter is a welcomed addition and will provide students with an opportunity to become more involved within the local transportation community.

The UNB ITE Student Chapter has gotten off to a successful start. In January a group of graduate and undergraduate students interested in transportation engineering met with a faculty advisor and agreed to form a UNB ITE Student Chapter. The executive committee was chosen and the application was completed and submitted to CITE.



Top row from left: Ehsan Bagheri, Ryan Esligar (President), Dr. Eric Hildebrand (Faculty Advisor), Rong Shan, Matt Burns, Derek Casey. Bottom row from left: Javier Zamora (Secretary/Treasurer), Jeremy Adamson (Vice President), Matthew Marleau, Dan Mason, Stephanie Clayton. Missing: Trevor Hanson (photographer). Javier, Stephanie and Dan are also on the executive committee.

On February 17th the chapter's first social event took place at the Grad House on the UNB campus. The chapter members met for some pizza and pop. This was a great way for all the members to become more acquainted with each other and discuss possibilities for future events that the chapter could become involved with.



Field trip to the Fredericton DOT Sign Shop

On March 15th the UNB ITE Student Chapter had its first technical tour of the DOT sign shop in Fredericton. Members were able to get a behind-the-scenes look at how the DOT creates its traffic signs. The UNB Student Chapter would like to thank Danny Merrithew and Tyrone Parsons for their hospitality during the tour.

In the future, the UNB ITE Student Chapter is considering getting involved with the ITE Atlantic Provinces Section spring meeting that will be held in Dartmouth, Nova Scotia on May 13th. A student chapter website is also under construction and should be available soon. It has been an exciting and successful first few months and the UNB ITE Student Chapter is looking forward to continuing this success further into 2010.

Notable Notes...



Lieutenant-Colonel Eppo van Weelderden

DA Watt Consulting (DAW) has a proud history of supporting the Canadian Forces. To support Canada's military and to demonstrate its understanding of the benefit that reservists bring to the civilian workplace, DAW adopted a military leave policy that allows reservists time off annually for training or courses of up to two weeks, with top up pay. As well, they formally allow time off for operational tours, with no loss of seniority or rank. For this support the company has received numerous Canadian Forces Liaison Council (CFLC) Awards of Excellence.

We are happy to announce that Lieutenant-Colonel Eppo van Weelderden is currently serving overseas as the Base & Afghan National Security Forces Infrastructure Staff Officer at the ISAF Joint Command Headquarters in Kabul. We are all very proud of Eppo for his service and look forward to his safe return in early June.



2009 ONTARIO
PROFESSIONAL
ENGINEERS
MANAGEMENT AWARD

John David Tofflemire, P.Eng.

Over the last 30 years, John Tofflemire has employed significant human and capital resources in a host of municipal engineering projects for the City of Windsor and Municipality of Leamington. Skills learned, he says, through his early days as a traffic engineer and transportation planner.

From bringing in Windsor's computerized traffic control system and developing its Riverfront Plaza, Casino Windsor and other developments, to seeing through the \$110-million expansion of the Lou Romano Water Reclamation Plant and the \$40-million expansion of the Leamington Pollution Control Centre, Mr. Tofflemire exercises a highly collaborative approach. His style, he says, reflects a consistent awareness of the human behavioural factor and the practical advantages and principles of applied science.

Today, in his role with the Municipality of Leamington, Mr. Tofflemire's management abilities have been crucial to the construction of the East Side Arterial Road, the development of a master plan for water supply, and negotiations for sewage treatment provisions for private-sector industries.

COMING EVENTS

MAY

15-19 Canadian Urban Transit Association (CUTA) Annual Conference: Ottawa, ON
www.cutaactu.ca

30-02 Canadian Transportation Research Forum CTRF 45th Annual Conference: Toronto, ON
www.ctrf.ca

JUNE

13-16 ITS Canada's 2010 Annual Conference: Ottawa, ON
www.itscanada.ca

AUGUST

08-11 ITE 2010 Annual Meeting and Exhibit & CITE Annual Meeting: Vancouver, BC
www.ite.org

SEPTEMBER

13-17 ProWalk / ProBike 2010: Chattanooga, TN
www.bikewalk.org

26 - 29 Transportation Association of Canada (TAC) Annual Conference and Exhibition: Halifax, NS
www.tac-atc.ca

SECTION News

GREATER VANCOUVER

OV-FIETS DUTCH BIKE-SHARE SYSTEM

During the 2010 Winter Olympic Games, Holland's nation house (Holland Heineken House or HHH) was located in Richmond and formed part of the City's O Zone celebration site. To provide sustainable transportation for the 300+ staff at HHH between the site and their temporary residences in Richmond, Dutch Rail shipped 400 bicycles to Canada. In the Netherlands, the bikes are used in Dutch Rail's OV-fiets programme, which is a national bike rental program designed to connect train passengers with their final destination beyond the train station.

Kaj Mook, Director of OV-fiets, gave an informative and entertaining presentation on the program on February 14, 2010 at Richmond City Hall to an audience of 100 transportation professionals and cycling advocates. Highlights of the program include:

- staffed rental service available at 100 train stations
- self-service rental at remaining 300 train stations via bike dispensers & bike lockers
- use a "smart" card to access the bikes
- subscription fee of C\$13/year & rental fee of C\$4/day
- monthly bill sent via e-mail & payment by direct debit
- 5,000 bikes available that will increase to 7,000 by the end of 2010

Afterwards, attendees were treated to lunch at HHH courtesy of the Consulate General of the Netherlands. If you would like a copy of the presentation, please e-mail Donna Chan, Manager, Transportation Planning, City of Richmond at dchan2@richmond.ca.



MANITOBA

Monthly lunch meetings of the ITE Manitoba Section continued through the winter. Our first meeting of 2010 was held at the beginning of February. David Wiebe, P.Eng. and Taran Peters, P.Eng. of Dillon Consulting gave a presentation on the retrofit of a



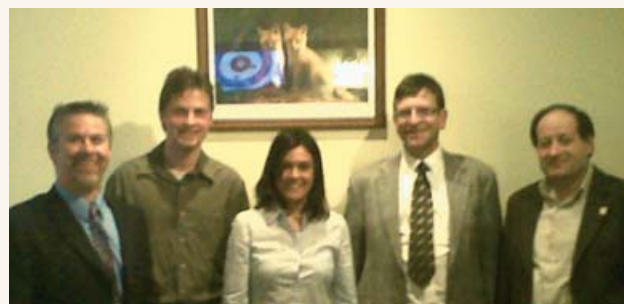
roundabout in Southdale, the first conversion of its kind in Winnipeg. Our March guest speakers were Kerra Mruss, P.Eng. and David Wiebe, P.Eng. Their presentation provided background on the Olympics and the official Olympic Transportation Plan, as well as some firsthand transportation experiences from the 2010 Vancouver Olympics. Mr. Richard Tebinka, P.Eng. of MMM Group presented in April on the proposed CentrePort

Development. The presentation focused on inland ports, the North American - International logistics landscape, and the Centreport Land Use and Transportation Plan.

Monthly lunch meetings and presentations are planned for May and June before the Manitoba Section breaks for the summer.

SOUTHWESTERN ONTARIO

New Executive for Southwestern Ontario



From left to right are: Gene Chartier (CITE President), Mark Ceppi - Secretary, Melissa Kay - Treasurer, Stephen Brook - President, Maged Elmadhoon - Vice President. Missing from the photo are: Jim Mallett - Student Liason and Kari Fellows - Past President.

TORONTO

The Toronto Section has had a busy spring and had a number of events planned.

On February 10, 2010, Mehemed Delibasic and Mark Jamieson of the Toronto Section ITE spoke at this year's Careers in Civil Engineering event at Ryerson University. The event, which was hosted by the Ryerson chapter of the Canadian Society for Civil Engineers (CSCE). They discussed what a career in Transportation might involve.

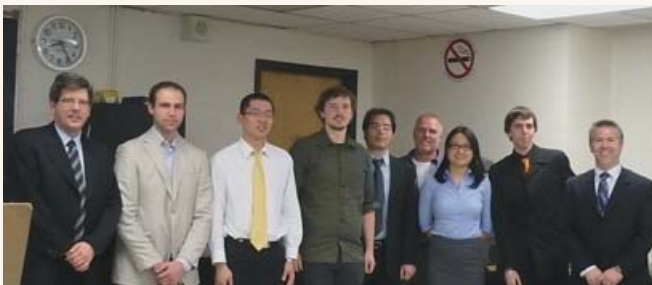


Ryerson Careers in Civil Engineering Event, Ryerson University, Wednesday, February 10, 2010

On March 15, 2010, our annual student presentation occurred. This was a joint venture with Hamilton and Southwest Ontario ITE Section.

We saw six excellent presentations on the following topics:

- Value Capture - Would it be useful in Toronto
- The rise of car sharing - The benefits it brings and what lies in the future
- Traffic Impact Study - Wasaga Beach Mixed Development Projects
- Dar es Salaam Bus Rapid Transit System
- Comparison of car-following models for safety performance analysis using vehicle Trajectory data
- Roundabout design with consideration of truck turning movements



Left to right: David Argue, Joseph McColm, Harvey Yang, Denis Agar, Amir Ghods, Daryl Bender, Amy Jiang, Jason Dahl, Gene Chartier

The graduate category was won by Jason Dahl from University of Windsor for his presentation on roundabouts and the undergraduate category winner was Joseph McColm from Ryerson University for his presentation on Wasaga Beach. Of notable mention, this was the first year that we had a participant from the University of Windsor. Thank you to the student

presenters from Ryerson University, Toronto University, University of Waterloo, and Windsor University.

Prior to the student presentations a job fair was held where employers could be meet with students. The following employers were represented: BA Group, AECOM, HDR | iTRANS, MMM Group, IBI Group, and Genivar.

On Tuesday March 23, 2010, 35 students from Ryerson University and 10 of our members took a guided tour of the City of Toronto's Traffic Control Centre on Don Mills Road.

Our annual spring luncheon was held on April 21, 2001. This year it was held jointly with Hamilton and Southwest Sections. The ITE Vice Presidents candidates attended allowing us to meet them personally. In the afternoon a session was held on Transportation Sustainability. Nicole Arsenault from York University spoke on TDM at York University. Phil Meagher from Durham Region Transit spoke on the Durham Region Long Term Transit Strategy (LTTTS). Rob Trotter from the City of Waterloo discussed the Uptown Waterloo Redevelopment.

An evening downtown streetcar tour is being arranged for late May or early June.

NATIONAL CAPITAL

CITE National Capital Section (NCS) has had a busy year to date, having hosted three events and preparing for an upcoming workshop in May.

On March 24, 2009, the NCS held the annual Student



Presentations Competition at Carleton University. Several teams from both Carleton University and the University of Ottawa entered. The winning team presented a design

proposal for new entrances and exits at Carleton University. Congratulations to Doug Saccoccia, Seena Shams and Thabit Al Shams for a job well done.

The most recent NCS event was the annual joint TAC/CITE luncheon, held in conjunction with the TAC Spring Meetings on April 9, 2010. Speaker Salah Barj, STO Director of Planning and Development, provided an informative presentation about the Gatineau Rapibus Project.

We hope that you can attend our upcoming workshop on May 13, 2010. Genivar's Director of Transit Solutions, Dennis Fletcher, will be the workshop presenter and will provide an overview of emerging accessibility legislation and its implications for the transportation industry covering the Accessibility for Ontarians with Disabilities Act. Please contact Rick Zarzosa at rick.zarzosa@ottawa.ca for event details.

RYERSON UNIVERSITY

Ryerson ITE has been quite busy over the past few months and has seen some successes with regards to events and competitions. Ryerson has played host to presentations by Paul Acquaah, P.Eng. of Dillon Consulting entitled "Consulting Engineering" and Wayne Bell, P.Eng. of the Ministry of Transportation Ontario, entitled "Highway Engineering". During this time Ryerson students have also taken part in the annual Student Technical Event, Traffic Management Centre Tour as presented by the Toronto Section of ITE.

In addition to all of this, Ryerson University played host to the Joint ITE Section Student Presentation Competition and career fair on March 15, 2010. More information about the competition can be found on our website.

Our congratulations go out to the Ryerson Undergraduate Students for winning First and Third place in a regional competition sponsored by the Canadian Institute of Transportation Engineers (CITE) Toronto, Hamilton and South Western Ontario sections.

The fourth-year capstone project conducted by civil students (Alex Hoang, Paul Laughton, Joseph McColm, Mahsa Rashidissian, and Bogoja Trajceski) has won First Place in the undergraduate student competition. The project, presented by Joseph McColm, was entitled "Traffic Impact Study: Wasaga Beach Mixed Development Projects." The project was supervised by Dr. Said Easa (academic advisor) of Ryerson University and Dale Lynch (technical advisor) of Mark Engineering.

The Third place position went to Denis Agar, an Undergraduate student of the Urban and Regional Planning Program at Ryerson University for his presentation on "Value Capture: Would it be useful in Toronto?"

We encourage you to visit us at www.civil.ryerson.ca/citesc for updates on this ITE student chapter.

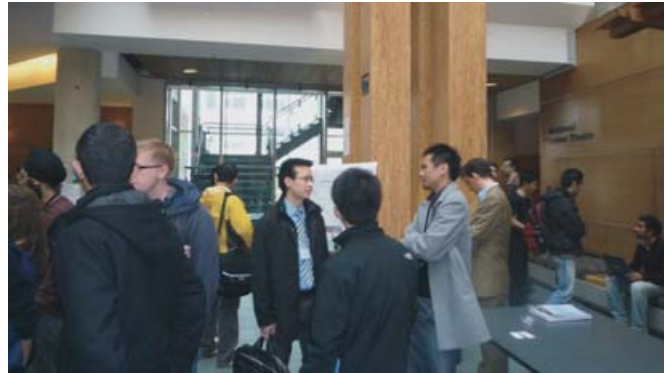
*Saad Syed, EIT
Student Chapter President*

UNIVERSITY OF BRITISH COLUMBIA

UBC ITE SC Mini-Conference 2010

The UBC ITE Student Chapter (SC) is committed to promoting transportation engineering and strengthening the connection between students (undergraduate and graduate alike) and industry professionals. In the past, the SC held an annual industry night which provided a great opportunity for students to network with professionals; however, this year the SC aimed to improve this event by expanding it to a student mini-conference.

The new mini-conference allowed students to showcase their academic progress and also provide the industry with an



opportunity to promote employment within their organizations (e.g. for summer students and prospective graduates). The SC was proud to have Dr. Michael J. Shiffer, Vice-President, Planning of TransLink, as the keynote speaker for the mini-conference. The first portion of the evening was dedicated to presentations by students to expose the industry members to the variety of research projects adopted by UBC.

An undergraduate poster competition on projects related to transportation engineering followed. The objective of this was to emphasize the high quality of work that the professionals have come to expect from the UBC students.

Transportation engineering as a field is flexible in that it can be integrated with more than one industry, and that is why there is an increase in the need for transportation engineers. The mini-conference has helped spark interest in many graduating engineers to seek career paths related to transportation. The mini-conference offered an increased opportunity for participating industry representatives to talk to students about their respective companies and highlight upcoming employment opportunities. There were a total of six companies that sponsored the event at various levels (platinum, gold, silver and bronze). The companies included: Bunt and Associates, Steer Davies Gleave, Delcan, ISL Engineering and Land Services Ltd., Opus, CH2MHill Canada Ltd, and Dillon Consulting.

The results of the undergraduate poster competition were as follows:

1. John Chow, Andrei Garin, Simon Li, Jacky Tai, and Bobby Wong
2. John Luke

*Shewkar Ibrahim
Student Chapter President*

University of Calgary

Institute of Transportation Engineers Student Chapter



UNIVERSITY OF CALGARY

The past quarter has been an exciting and busy time with the passing of our new constitution, the election of our new executives and numerous other activities that has kept our members actively engaged with industry, professors and peers.

Industry Faculty Meet and Greet

Our first annual Industry Faculty Meet and Greet provided the opportunity for students to meet transportation professionals working in industry as well as their professors. With the success and feedback from this event, it will be with the best intentions to continue this event in the years following.

Luncheons

This past semester our members have been provided with a vast range of insightful luncheon presentations from both the public and private sector. We will like to extend our special thanks to those who have presented at our luncheon this past year and have made our luncheons a great success!

Technical Tours

Our members have also been given the opportunity to attend two technical tours this year. The first technical tour was to Calgary Transit's new Oliver Bowen Maintenance Facility for Light Rail Vehicles. Students were provided a 'behind the scenes' look at what helps ensure that the City's growing fleet of Light Rail Vehicles are kept running day after day. The second technical tour was to the City of Calgary's Traffic Management Centre which helps to control and monitor our city's vast road network. The technical tour provided students a look into Intelligent Transportation Systems in action!

Looking Forward

With overwhelming support the chapter has welcomed a new constitution that will help govern the organization for the years following. An election was also recently held that brings in our executives for the 2010-2011 academic year. Kenneth Lin and James Zylka have been acclaimed to the positions of president and vice-president, respectively. As for the coming year, the executive will like to continue on the successes achieved this year by supporting active involvement of our members by hosting an industry faculty meet and greet, continuing our technical tours and bi-weekly luncheons, maintaining our career postings website, and encouraging our members to attend activities including ITE Southern Alberta Luncheons, ITE Toastmasters and upcoming

conferences. In closing, I would like to thank everyone for their involvement with the UofC ITE in the past year and I look forward to working with all of you next year!

*Kennith Lin
Student Chapter President*



UNIVERSITY OF MANITOBA

Thus far, year 2010 has proven to be very successful and eventful for the University of

Manitoba ITE Student Chapter. The Student Chapter has been very active with organizing a variety of guest speakers, web seminars, and technical tours. A few of our major events for the past three months are described below.

Within the month of January, the Student Chapter sponsored six students to attend the Transportation Research Board (TRB) Annual Meeting in Washington, DC, where they met with leading industry professionals from across the world and attended technical sessions and workshops on current issues and developments in the transportation engineering field. We also attended a number of receptions including a reception hosted by ITE at the ITE Headquarters, where we met with the International President and Vice-President, and other student chapters from the US.



Above: ITE International executives along with UofM and UW ITE Student Chapter members at the ITE reception in Washington.

Right: UofM ITE Student Chapter members visiting the Lincoln Memorial in Washington, DC for TRB annual meeting. From left: Keenan Patmore, Tom Baumgartner, Ben Jablonski, and Maryam Moshiri



STUDENT CHAPTER NEWS

cont'd

The Student Chapter also helped the University of Manitoba's relief fundraising efforts to raise over \$20,000 for Haiti. We are continuing to plan ways to help those in Haiti including considering summer term volunteer opportunities.



Helping the Red Cross with the Haiti Relief Fundraiser. From left: Tom Baumgartner and Ben Jablonski (UofM ITE Student Chapter Vice-President and President)

Within January and February, Bison Transport and the Student Chapter put together a fun and informative program to allow civil engineering students test drive the Bison truck simulator and also ride a Bison 5-axle tractor semitrailer. This allowed them to experience the challenges involved with driving a truck and witness aspects of road geometry, traffic signalization, road signage, and pavement conditions; and consider their effects on the safety, efficiency, energy use, and operations of tractor semitrailers.



Left: Eric Roeder of Bison Transport (left) and members of the UofM ITE Student Chapter at Bison Transport's Headquarters.

Right: Bison Simulator being test driven by UofM ITE Student Chapter members.



The Student Chapter also supported the attendance of a number of civil engineering students to the Future of Trucking Symposium in mid February, hosted by the University of Manitoba Transport Institute. This three day symposium discussed how the industry is progressing out of the economic downturn and the new status quo.

In March, the Student Chapter was also successful in delivering a Traffic Signals Workshop in partnership with the City of Winnipeg Traffic Signals Branch. This hands-on workshop allowed local engineering consultants, planners, and student chapter members to become familiarized with signal timing plans, synchronization of a group of intersections, and various other optimization techniques used by the City of Winnipeg.



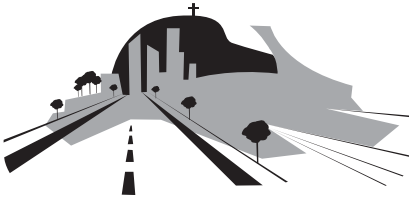
Traffic Signals Workshop organized by the UofM ITE Student Chapter

The Student Chapter is continuing its activities throughout the upcoming months. We are hosting a series of ITE webinars on Highway Safety throughout the month of April and are actively organizing a summer conference on Transportation Safety and Sustainability.

We would like to thank all of our guest speakers and event hosts for giving the Student Chapter the opportunity to become more involved and knowledgeable with the current issues and developments in the transportation field. Please continue to follow our activities and planned events on our website and monthly newsletters!

Maryam Moshiri
Student Chapter Secretary

2009 ANNUAL CONFERENCE COMPENDIUM - Montréal, QC



The 2009 Annual Conference compendium includes papers from a wide range of technical sessions representing: Sustainable Cities, Traffic Operations, Liveable Communities, New & Innovative Geometric Design, Transit Priority Plan, Smart Growth, Planning for Major Events, and Traffic Collisions & Incidents to name a few.

COMING SOON!

PAST CITE ANNUAL CONFERENCE COMPENDIUMS

Many past conference compendiums are still available, though supplies are limited. These compendiums contain a large number of papers covering a variety of past studies and research initiatives across Canada and parts of the U.S., and can still be a valuable research aid. The compendiums still available include:

1997 Joint CITE/WCTA Conference - Vancouver, BC
1999 Joint AQTR/CITE Conference - Montréal, QC
2001 CITE Conference - Calgary, AB
2002 CITE Conference - Ottawa, ON
2003 Joint District 4/CITE Conference - Winnipeg, MB

2004 CITE Conference - Moncton, NB
2005 CITE Conference - Saskatoon, SK
2006 CITE Conference - Banff, AB
2007 CITE Conference - Toronto, ON
2008 CITE Conference - Victoria, BC

THE CANADIAN CAPACITY GUIDE FOR SIGNALIZED INTERSECTIONS (Third Edition)



The 2008 edition represents one of the most detailed reference guides available on the topic of intersection capacity analysis, and has been updated to reflect current topics of interest including safety and traffic responsive operation, along with an expanded array of saturation flow data encompassing every region of the country. The new CCG also includes four worked examples, reflecting a broad range of conditions.

A complementary initiative is the development of the InterCalc software, that replicates CCG procedures for signalized intersections, and also includes a module for unsignalized intersection analysis for cross-sections up to 6 lanes. InterCalc is available for download from www.InterCalc.ca.

**\$35.00 for CITE Members; \$45.00 for Non-CITE members;
\$20.00 for CITE student members**

A TECHNICAL REVIEW OF PEDESTRIAN SIGNALS IN CANADA



Pedestrian (or half) signals have been in use in Canada since the mid-1960s, primarily in large metropolitan areas. This device features signal control for vehicles on the major street and pedestrians crossing the major street, and stop sign control for motorists approaching on the minor street. Where they are used, pedestrian signals are part of the hierarchy of traffic control devices commonly used by transportation professionals to enhance pedestrian safety.

This informational report contains the technical findings from a national review of pedestrian signals and outlines the state of practice for the traffic control device, evaluates effectiveness and safety, and identifies if the current design and application guidelines are still appropriate for Canada.

Available, free of charge, online at

<http://www.cite7.org/resources/documents/Pedestrian%20Signals.pdf>

CITE Bookstore Order Form



CATEGORY	FORMAT	QTY.	PRICE (\$ CDN)			SUBTOTAL
			Members	Non-Members	Students	
CONFERENCE COMPENDIUMS						
ELECTRONIC VERSIONS						
1997 Joint CITE/WCTA Conference - Vancouver, BC	CD-ROM		Shipping & Handling Only			
1999 Joint AQTR/CITE Conference - Montréal, QC	CD-ROM		Shipping & Handling Only			
2001 CITE Conference - Calgary, AB	CD-ROM		Shipping & Handling Only			
2002 CITE Conference - Ottawa, ON	CD-ROM		Shipping & Handling Only			
2003 Joint Dist.4/CITE Conference - Winnipeg, MB	CD-ROM		Shipping & Handling Only			
2004 CITE Conference - Monton, NB	CD-ROM		\$5.00	\$10.00	\$5.00	\$
2005 CITE Conference - Saskatoon, SK	CD-ROM		\$5.00	\$10.00	\$5.00	\$
2006 CITE Conference - Banff, AB	CD-ROM		\$10.00	\$15.00	\$5.00	\$
2007 CITE Conference - Toronto, ON	CD-ROM		\$15.00	\$20.00	\$5.00	\$
2008 CITE Conference - Victoria, BC	CD-ROM		\$20.00	\$25.00	\$5.00	\$
2009 CITE Conference - Montréal, QC	CD-ROM		\$20.00	\$25.00	\$5.00	\$
HARDCOPY/COMBINED VERSIONS						
1997 Joint CITE/WCTA Conference - Vancouver, BC	Hardcopy		Shipping & Handling Only			
2005 CITE Conference - Saskatoon, SK	Hardcopy		\$15.00	\$20.00	\$5.00	\$
2005 CITE Conference - Saskatoon, SK	Hardcopy & CD		\$25.00	\$35.00	\$10.00	\$
TECHNICAL PUBLICATIONS						
CDN Capacity Guide to Signalized Intersections (Third Edition)	Hardcopy		\$35.00	\$45.00	\$20.00	\$
A Technical Review of Pedestrian Signals in Canada	Hardcopy		Contact Bookstore Manager			

SHIPPING & HANDLING - Add:

- 15% of subtotal (min. \$4.00)
- 30% outside of Canada & US (min \$7.50),
- Expedited shipping is available at a cost of \$25.00.

Subtotal \$

GST: Add 5% goods and services tax BEFORE shipping & handling (GST # 87322 1675 RT0001) \$

Shipping & Handling: (see box to left) \$

TOTAL: \$

CREDIT CARD OR CHEQUE ACCEPTED!

COMPANY:

NAME: TITLE:

ADDRESS:

CITY: PROV.: POSTAL CODE:

TEL #: (.....) FAX #: (.....) EMAIL:

RECEIPT WILL ACCOMPANY SHIPMENT Cheque (attached) Credit Card (you will be contacted)

Please scan & email the order form to:

Peter A Truch, P.Eng., PTOE - CITE Bookstore Manager
 c/o The City of Calgary
 Transportation Planning Mail Code: 8124
 P.O. Box 2100 Station M
 Calgary, AB T2P 2M5

Tel: 403.268.2673
 Fax: 403.268.1874
 Email: bookstore@cite7.org



DIRECTORY

Movement in Urban Environments



BAGROUP
Transportation Consultants

- Sustainable Transportation Planning
- Multi-Modal Impact Studies
- Concept + Functional Design
- TDM + Parking Integration
- Site + Campus Plans
- Expert Testimony

www.bagroup.com

DAW D. A. Watt Consulting

www.dawatt.com

- Transportation Engineering
- Transportation Planning
- Project Management
- Municipal Engineering
- Legal Surveys/Geomatics

Calgary, AB
(403) 273-9001
Kelowna, BC

Engineering Your Future

CIMA
Partners in excellence

- TRAFFIC ENGINEERING
- TRANSPORTATION SAFETY
- PUBLIC TRANSIT
- INTELLIGENT TRANSPORTATION SYSTEMS
- TRANSPORTATION PLANNING
- ENVIRONMENTAL ASSESSMENT/FUNCTIONAL DESIGN

BURLINGTON
289-288-0287
www.cima.ca

BURLINGTON | EDMONTON | GATINEAU | MONTREAL | OTTAWA | REGINA | SHERBROOKE

Delcan

Over 50 years of Award Winning Service

www.delcan.com

Markham Toronto Hamilton Kitchener-Waterloo
London Niagara Falls Kingston Ottawa
Edmonton Calgary Vancouver Victoria

Environmental Sciences & Engineering | Land Development | **Transportation**

COLE ENGINEERING
Experience Enhancing Excellence

- Transportation Master Plans
- Site Access and Design
- Traffic Operations
- Parking Studies
- Project Management
- Transportation Planning
- Traffic Engineering
- Contract Admin & Inspection
- Preliminary and Detailed Design
- Class Environmental Assessments

ColeEngineering.ca 905.940.6161

DILLON CONSULTING

Infrastructure Environment | Communities Facilities

Offices Across Canada and International
235 Yorkland Blvd., Suite 800, Toronto, Ontario
416.229.4646
www.dillon.ca

CLS CREATIVE TRANSPORTATION SOLUTIONS

84a moody street
port moody, bc
canada v3h 2p5

- Traffic Engineering
- Transportation Surveys
- Transportation Planning
- Impact Assessments
- Traffic & Parking Operations

www.cts-bc.com

admin@cts-bc.com
604.936.6190
604.936.6175

Giffin Koerth
SMART FORENSICS

Giffin Koerth Inc.
1.800.564.5313
giffinkoerth.com

- Safety reviews/audits
- Expert opinions in transportation system design, operations and maintenance
- Transportation engineering and peer reviews
- Human factors and positive guidance

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



MMM GROUP

Building Communities and Public Infrastructure
for Canada and the World

100 Commerce Valley Dr. West, Thornhill, ON L3T 0A1
t: 905.882.1100 | f: 905.882.0055
www.mmm.ca

Toronto | Ottawa | Markham | Mississauga |
Whitby | Winnipeg | Calgary | Fort McMurray |
Edmonton | Kelowna | Kamloops | Vancouver |

One Team.
Infinite Solutions.

Stantec's transportation group provides comprehensive planning and engineering services for pedestrian, cycling, road, transit, rail, and aviation projects.

stantec.com



Offices throughout North America

www.ptsl.com

Transportation Planning
Transit Planning
Traffic Engineering
Parking Planning
Traffic Impact Studies



Paradigm Transportation Solutions Limited
Waterloo, Cambridge, Burlington, Hamilton

Email: info@ptsl.com
Phone: 519-896-3163
905-381-2229
Fax: 1-866-722-5117



- Transportation Planning
- Environmental Assessment
- Municipal Engineering
- Engineering Systems
- Railway Engineering
- Traffic Engineering
- Water Resources
- Bridge Design
- Road Design

URS Canada Inc. - Consulting Engineers
75 Commerce Valley Drive East, Markham, Ontario L3T 7N9
Tel: 905.882.4401 Fax: 905.882.4399 E-mail: markham@urscorp.com

DISTRIBUTION DATES

The Canadian Institute of Transportation Engineers' (CITE) membership includes more than 1,900 transportation and traffic engineers, planners, technologists and students across Canada, enabling members with knowledge and competence in transportation and traffic engineering to contribute toward meeting needs for mobility and safety in Canada.

As part of our role in the Institute of Transportation Engineers (ITE), who represents transportation professionals in more than 70 countries, CITE contributes the Canadian perspective and experience to broaden the expertise of all members.

Transportation Talk is the CITE member newsletter, delivered quarterly to every CITE member.

IMPORTANT DATES FOR 2010/2011

ISSUE	CONTRIBUTOR/ ADVERTISER DEADLINE	DELIVERY
Summer 2010	June 25, 2010	July 30, 2010
Annual Report 2010	Sept. 24, 2010	Oct. 22, 2010
Winter 2010/11	Dec. 17, 2010	Jan. 21, 2011
Spring 2011	Apr. 2, 2011	Apr. 22, 2011

ADVERTISERS

If you wish to advertise in the next issue 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/news/transportation_talk/advertising.php

If you have any questions regarding future advertising, or require assistance, please contact the News Editor.

newseditor@cite7.org

The advertising booking deadline for the next issue is June 25th, 2010.

CITE Contacts

EXECUTIVE

President:	Gene Chartier, P.Eng., MITE president@cite7.org	Past President:	Bruce Belmore, P.Eng., PTOE, MITE pastpresident@cite7.org
Vice President:	Jeannette Montufar, P.Eng., MITE vicepresident@cite7.org	District Director:	Russell Brownlee, P.Eng. director@cite7.org
Secretary/Treasurer:	Peter Truch, P.Eng., PTOE treasurer@cite7.org	Administrator:	Ralph Hessian, P.Eng., FITE administrator@cite7.org

SECTION/CHAPTER CONTACTS

Vancouver Island:	Mitchell Jacobson, MITE mjacobson@blvdgroup.ca	Manitoba:	Kerra Mruss, P.Eng., MITE MrussK@mmm.ca
Greater Vancouver:	Kanny Chow, P.Eng. president@citevancouver.org	Southwestern Ontario:	Stephen Brook SBrook@Dillon.ca
BC Interior:	Gordon Lovegrove, P.Eng., FITE cite.bcinteriorchapter@gmail.com	Hamilton:	Edward Soldo, P.Eng., MITE soldoe@sympatico.ca
Northern Alberta:	Daniel Vriend, E.I.T. daniel.vriend@stantec.com	Toronto:	David Argue, P.Eng., MITE David.Argue@hdrinc.com
Southern Alberta:	Jennifer Malzer, E.I.T. jen.malzer@calgary.ca	National Capital:	Muna Awatta, E.I.T. MAwatta@morrisonhershfield.com
Lethbridge:	Chris Poirier, CET christopher.poirier@aecom.com	Québec:	Paul Bourque, IAITE pbourque@videotron.ca
Saskatchewan:	Nathan Gray, P.Eng., PTOE, MITE Nathan.Gray@aecom.com	Atlantic:	Dwayne Cross, P.Eng., MITE crossdw@gov.ns.ca

STUDENT CHAPTER ADVISORS

Ryerson University	Bahgwant Persaud (Adv.) bpersaud@ryerson.ca	Québec Étudiant	Ciprian Alecsandru (Adv.) ciprian.alecsandru@concordia.ca
University of Alberta	Keith Teeuwsen (A.Adv.) teeuwsen@ualberta.ca	University of Manitoba	Jeannette Montufar (Adv.) montufar@cc.umanitoba.ca
University of British Columbia	Shewkar Ibrahim (Pres.) president@ubcite.org	University of New Brunswick	Eric Hildebrand (Adv.) edh@unb.ca
University of Calgary	Lina Kattan (Adv.) lkattan@ucalgary.ca	University of Waterloo	Bruce Hellinga bhellinga@uwaterloo.ca

TRANSPORTATION TALK

Managing Editor:	Don Cook, P.Eng., MITE managing_editor@cite7.org	News & Advertising:	Sandy Rempel newseditor@cite7.org
----------------------------	--	-------------------------------	--

PO Box 81009, 47B Harbour Square
Toronto ON M5J 2V3

© 2010 Canadian Institute of Transportation Engineers

*The date is set!
Mark your calendar!*

August
8 to 11
2010

Vancouver Convention and
Exhibition Centre
Vancouver, BC, Canada

ite 2010 Annual Meeting and Exhibit
VANCOUVER
Canada

**ITE 2010 International Annual Meeting and Exhibit/
CITE 2010 Annual Conference**

The 2010 Local Arrangements Committee invites you to join us in Vancouver to share ideas and to network with a diverse community of transportation professionals. A broad range of speakers will share their knowledge, expertise and ideas on multifaceted approaches to addressing transportation issues and to exploring emerging trends in the industry. A dynamic series of technical presentations will be provided that portrays urban living as it relates to traffic operations, including the efficiency and effectiveness of alternative transportation modes, implementing neighbourhood planning with smart growth initiatives, and integrating human factor considerations to name a few.

For the latest conference information, please visit www.ite.org.

We'll see you there!