



Canadian Institute of Transportation Engineers
BC Interior Chapter

Annual Report 2014



1. CHAPTER VISION

We are pleased to write this 2014 Annual Report for the BC Interior Chapter of the Canadian Institute of Transportation Engineers.

The Chapter's vision is to offer all ITE members and transportation professionals in the interior area of the Province of British Columbia (bounded approximately on the west by Hope, on the east by the B.C./Alberta Border, on the north by Prince George, and on the south by the Canada/U.S. border) opportunities and services that:

- Advance CITE objectives.
- Foster closer association among Institute members.
- Encourage members to prepare and discuss papers.
- Offer suggestions on matters of policy to the Institute Board of Direction.
- Consider local transportation and traffic engineering problems and present advice and comment consistent with established Institute policies.
- Foster closer association and cooperation with local individuals and groups on matters of common interest.
- Encourage transportation and traffic engineering education in colleges, universities, and technical schools in the Chapter.
- Encourage high school and post-secondary students to enter the transportation and traffic engineering profession.
- Encourage and support continuing education courses and programs in the area of transportation and traffic engineering.

The following sections of this report provide a summary of the Chapter's activities for the last year, 2014.

2. INTRODUCTION

We are pleased to write this 2014 Annual Report for the BC Interior Chapter of the Canadian Institute of Transportation Engineers. In 2014 the Chapter sought to live up to its vision and as such we are pleased to provide a summary of the Chapter's activities for the previous year. We are also very pleased to be able to inform you of Chapter and National events planned for 2015 and 2016.

2.1. CHAPTER EXECUTIVE MEMBERS

The 2013-2014 Executive Committee of the BC Interior Chapter consisted of ten (10) transportation professionals and one (1) student representatives. All members of the Executive are members of ITE.

- President Amanda Watson (first of 2 yr term)
- Vice President – Ian Roth
- Treasurer – Ellen Morrison
- Secretary – Tom Baumgartner
- Members at Large – Gord Lovegrove, Brian Oliveira, Brad Colvey, Stephen Sargeant, and Sam King
- Past President – James Donnelly
- Greater Vancouver Section Liaison – Billy Dong

3. 2014 ACTIVITIES & EVENTS

3.1. UBCO, ITE Student Chapter

In early 2013, an ITE student chapter was created at UBCO. This student chapter has a total of 19 members, four of which currently reside on the executive. A summary of their events and activities is provided in Appendix A.

3.2. Student Paper Competition- April 25th, 2014

On April 25th, 2014 the Chapter held its annual student paper completion. Finalists for 2014 included the following 3 groups (in order of final awards):

- *1st Place Finishers:* West Side Road Two-Way Stop Control Review, Matthew Miller and Team
- *2nd Place Finishers:* UBC Pedestrian Mobility and Safety Study, Blake Cloutier and Team
- *3rd Place Finishers:* Emery Best

3.3. Rural Health Services Research Conference – April 10-11th, 2014

On April 10th and 11th, representatives from the CITE BC Interior Chapter attended and facilitated a half-day workshop at the Rural Health Service Research Conference. The conference theme, “Building Intersections for Vibrant Rural Communities,” was well positioned to involve building relationships with non-traditional partners like ITE. Peter Truch, Ian Roth, and Ellen Morrison represented the Chapter and facilitated a presentation, followed by a workshop on designing complete streets for rural communities. Later in the evening, the Chapter hosted a movie night followed by a facilitated discussion showing two films relating transportation mobility and health effects in local communities. The conference was well attended by multiple government and non-government organizations, and provided a great opportunity to form new relationships within the health sector.

3.4. Fall 2014 Joint ITE-PIBC Event and AGM - November 21st, 2014

On November 21st, the CITE BC Interior Chapter hosted their annual technical conference in partnership with the Planning Institute of British Columbia at the Cove Lakeside Resort in West Kelowna. The workshop theme was “Innovative Design” and we heard five presenters discuss a range of topics including complete streets and hillside guidelines within the context of storm water management, accessibility, development and planning.

The presentation topics included:

- *Calgary Complete Streets* by Joe Olson, City of Calgary
- *Urban Braille in the Bernard Avenue Project*, by Pat McCormick, City of Kelowna
- *Developing Hillside Guidelines*, by Ed Stranks, City of Vernon
- *Case Studies: Green Square permeable street and Clifton Green Street (Hillside)*, by Matt Cameron, CTQ Consultants
- *LID storm systems (Bioswales)*, by Shasta McCoy, Urban Systems

The presentations were followed by a panel discussion with all the day's speakers. Over 50 public and private sector professionals attended the event, representing ITE, PIBC, government, and consulting firms. Further, an information booth was staffed by Geronimo Morris, SMS Inspector of Rail Safety Education and Awareness from Transport Canada / Government of Canada. CTQ Consultants, Watt Consulting Group, and CTS Ltd. were our three conference sponsors.

During the conference, we conducted our Annual General Meeting (AGM) and Executive Elections, and we are happy to announce that all incumbent nominees moved on to their new roles as listed in Section 2.1 of this report. The officers were sworn in by Jan Voss.



From Left to Right: Sam King, Brad Colvey, Brian Oliveira, Amanda Watson, Ian Roth, Ellen Morrison, Tom Baumgartner, James Donnelly, Stephen Sargeant.

We would like to thank James Donnelly for his leadership and work as president in 2013 and 2014, who remains on the board as Past President.

3.5. Future Events

The Chapter is currently planning its 2015 spring and fall events and are tentatively scheduled for April and October. The theme and topic for both events are yet to be determined; however, the fall event will include the Chapter's Annual General Meeting. As always, we will continue to partner with other organizations to either co-host events or support their own.

We are very pleased to announce that the BC Interior Chapter, with the assistance of the Greater Vancouver Section, was awarded the honour of being the hosts for the CITE Annual Meeting in Kelowna, BC for 2016. The 2015 calendar year will involve many meetings between the LAC members, the District officers, the 2015 Regina Conference LAC, and other conference partners. We are looking forward to welcoming everyone to Kelowna!

4. FINANCIAL REPORT

2014 Annual Financial Report

Period Start Date: 01-Jan-14

Period End Date: 31-Dec-14

Overview			
Account Balance	1-Jan-14	\$ 1,589.82	
Account Balance	31-Dec-14	\$ 2,161.82	
Cash on Hand	31-Dec-14	\$ -	
Total Available Funds		\$ 2,161.82	
Revenues			
November Conference - Opus Sponsorship	02-Jan-14	\$ 150.00	
November Conference - Urban Systems Sponsorship	28-Feb-14	\$ 150.00	
November Conference Revenue (from PIBC)	06-Mar-14	\$ 533.59	
CITE National Member Registration Dues	18-Mar-14	\$ 250.00	
CITE National Sponsorship for Student Paper Competition	22-May-14	\$ 400.00	
November Conference - Sponsorship from CTQ	20-Nov-14	\$ 150.00	
November Conference - Sponsorship	28-Nov-14	\$ 150.00	
November Conference - Sponsorship	28-Nov-14	\$ 150.00	
		\$ 1,933.59	
Expenses			
February to December (inclusive) Monthly Account Charges		\$ 69.60	
November ITE Conference Gifts	13-Feb-14	\$ 150.00	
BSC Travel Reimbursement for Peter Furth	27-Feb-15	\$ 591.99	
UBCO Student Paper Competition - 2nd Prize	13-May-14	\$ 125.00	
UBCO Student Paper Competition - 1st Prize	03-Jun-14	\$ 250.00	
UBCO Student Paper Competition - 3rd Prize	05-Jun-14	\$ 50.00	
Speaker Gifts (United Way)	29-Nov-14	\$ 125.00	
		\$ 1,361.59	
Net Cash Flow			
Net Cash Flow January 1, 2014 to December 31, 2014		\$ 572.00	
Closing Balance			
Bank Account (Calculated)		\$ 2,161.82	
Bank Account (Actual)		\$ 2,161.82	
Cash on Hand		\$ -	
Total Closing Balance on December 31, 2014		\$ 2,161.82	

5. COMMUNICATIONS

5.1. Chapter Email Account

All communication sent and received by the Chapter, its executive, and affiliate members, is provided through a gmail email account. This email account is used for all 'official' Chapter communications to its members and affiliates, and as the primary contact method for individuals to contact the Chapter Executive.

A few members have brought to the attention of the Executive that when their personal email addresses have changed, the contact list in the gmail account has been inconsistent with updating the email list. One potential solution that could address this issue would involve obtaining up to date contact information at all Chapter lead events during registration to ensure our list of contacts remains current.

All members of the Executive are encouraged to "carbon copy" the Chapter email address for Chapter related correspondence as a means of saving/filing important communications for future use. The email address is as follows: cite.bcinteriorchapter@gmail.com

5.2. Chapter Webpage

The Vancouver Section of ITE has provided a page on their website for the use of the BC Interior Chapter. General information regarding the Chapter, a copy of our Charter and Bylaws, and an up-to-date Contact List for the Executive is maintained on this webpage. The webpage address is as follows: <http://www.citevancouver.org/interior/>



Appendix A

UBCO Student Chapter Annual Report

University
of
British Columbia – Okanagan

Institute of Transportation Engineers
Student Chapter

Annual Report for January 2014 – 2015

Submitted by:
Robin Forbes & Abdul Masoud
UBCO ITE Student Chapter

Approved by:
Dr. Lovegrove
UBCO ITE Chapter Advisor

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1.0 Introduction

2014 has been an eventful year for the student chapter. Hosting field trips, guest speakers, and competitions has allowed us to increase the exposure of our club and we have already seen some gains because of it. While some of the old issues of last year have persisted, such as getting new members, we have maintained our commitment to introducing UBCO students to the prospects of transportation engineering. We have seen an increased interest in our club and continue to actively promote it through our graduate and undergraduate transportation classes. The following is a breakdown of our club activities over the past year.

2.0 2013 – 2014 Executive and Membership

The chapter has a total of 19 members. The executives are working hard to find new techniques to attract more new students to the chapter as UBCO students take the first transportation course in the second term of their third year! The following was the executive for the 2013-2014 year:

Chapter Advisor:	Dr. Gordon Lovegrove
President:	Robin Forbes
Vice-President:	Trevor Demerse
Secretary/Treasurer:	Abdul Masoud
Past President	Luke Friesen

3.0 2013-2014 Chapter Activities

The student chapter wasted no time in commencing with activities to engage students with transportation engineering over the year. The following is a summary of some of the year's activities

3.1 Spiral Tunnel Field Trip

The most successful event thus far was the Spiral Tunnels field trip which was held on June 11th. The Spiral Tunnels are a Canadian engineering marvel, located near the British Columbia and Alberta border and featuring two separate tunnels, both of which are nearly 1 km long as they wind through the Rocky Mountains in a cork screw fashion.

This exciting field trip gave the students a great opportunity to learn about railway engineering challenges and creativity. Two retired Canadian Pacific Railway (CPR) engineers guided the team through their Spiral Tunnels adventures. The



Figure.1: Standing by the entrance of one of the portals of the spiral tunnels

stories, knowledge, and experience they shared cannot be learned from textbooks. The team appreciates Tom and Rob for the wonderful memories and a practical hands-on experience of railway engineering.

3.2 Guest Speaker

On March 24th the chapter organized a guest speaker event. Prof. German Gallardo gave a talk about the advantages and disadvantages of the transportation choices in Peru. Prof. Gallardo is a Professor of the Faculty of Engineering, University of Piura since 1987. He teaches in the Master of Transportation Engineering and is a Project Management Professor in the Faculty of Engineering. He has been Director of the Department of Civil Engineering, Academic Director, Head of the Laboratory of Construction Materials, and Director of the Technological School. As well, Prof. Gallardo has been Chairman of the Board and Managing Director of the company Peru

Consultants International (1994-2004) focused on projects for design and construction of civil works. This Peruvian - Canadian Company worked in various consulting projects in Northern Peru. The event was well attended as the talk tied in directly with the 335 Transportation Engineering class. Pizza and pop were served and the event proved to be great exposure for our club.



Figure.2: Prof. Gallardo explains the challenges of mass transportation in Peru

3.3 Traffic Bowl

On June 4th, the UBCO student chapter participated in the Canadian District ITE Collegiate Traffic Bowl contest with a team consisting of Trevor Demerse, Matthew Blais, and Abdul Masoud. The UBCO Chapter competed against University of Toronto and University of Waterloo. The UBCO Chapter did well placing in the top 5. Next year, 2015, the chapter is planning to prepare for the competition earlier in order to win the competition. In addition, the chapter will approach 3rd year transportation students to encourage them to participate in order to get them more engaged with ITE.



Figure.3: Trevor about to score another point for UBCO

3.4 Bike Safety Training

On June 25th, the CITE Student Chapter members helped organize a bicycle safety training event for everyone at Dr. Gordon Lovegrove's STS Lab. The event relied on the help of UBC Okanagan's very own UBCycles bicycle sharing program, which provided the bicycles and helmets that made this event possible. The Bike Safety Training event was planned in preparation for test riding the STS Lab's very own instrumented probe bicycle (IPB), a bicycle outfitted with a multitude of sensors. Developed at the STS Lab, the IPB is a part of a research project that aims to improve infrastructure planning and design for cyclist comfort and safety. The UBC Okanagan ITE student chapter advisor, Dr. Gordon Lovegrove, took on the role of skills and safety instructor in this bike safety training event. Students got a chance to learn the rules of the road while riding around UBC Okanagan. The training will help the team become more comfortable with riding the IPB, and hopefully has encouraged more students to embrace cycling as a fun and healthy transportation option.

3.5 Student Presentation Contest

In April 25th, the chapter organized an Annual Student Presentation Contest. The Theme of the contest this year was "Current Transportation Engineering Issues". The objective of the contest is to encourage students to engage more in ITE. In addition, it provided opportunity for the students to present in front of transportation engineer's experts and get feedback from them. Members of the CITE BC Interior Chapter attended the as judges and provided valuable evaluation for the participants. At the end of the event, the winners were announced and the prizes were awarded by the CITE president, Mr. Peter Truch.



Figure.4: The winner team with UBCO Chapter president and advisors

4.0 Conclusion

As each year passes we continue to see our club grow and expand. Keeping and maintain membership continues to be an issue however the more activities, field trips and guest speaker we host the easier it becomes to promote and grow the club. Over the past year we have held a number of such events and are seeing the interest in transportation engineering grow because of it. A trip to the spiral tunnels and industry events like traffic bowl allows our members to become actively engaged in transportation related matters. As we look into the next year we will continue to host events and speakers to see our club become firmly established.

5.0 Appendix

5.1 2013- 2014 Membership List

Name	Degree
Robin Forbes	Ba Applied Science (Civil)
Trevor Demerse	Ba Applied Science (Civil)
Percy William	Ba Applied Science (Civil)
Andre Prohoroff	Ba Applied Science (Civil)
Blade Cloutier	Ba Applied Science (Civil)
Mike Thomas	Ba Applied Science (Civil)
Melissa Heinrick	Ba Applied Science (Civil)
Tia Haunts	Ba Applied Science (Civil)
Siobhan Savard	Ba Applied Science (Civil)
Matthew Miller	Ba Applied Science (Civil)
Miles Cornwell	Ba Applied Science (Civil)
Thomas Creron	Ba Applied Science (Civil)
Derek Emslie	Ba Applied Science (Civil)
Abdul Masoud	Ma, Engineering (Civil)
Matthew Blais	Ba Applied Science (Civil)
Adam Lee	Ma, Engineering (Civil)
Mohamed Hegazi	Ma, Engineering (Civil)
Victoria You	Ba Applied Science (Civil)
Farhad Faghihi	PHD Candidate



Appendix B

Spring Event Poster

CITE / PIBC 2014 FALL WORKSHOP

INNOVATIVE DESIGN



EVENT SCHEDULE

9:00AM Registration

9:30AM Introduction - Shannon Tartaglia, Chair of PIBC Okanagan-Interior Chapter

9:45AM Morning Presentations

- "Calgary Complete Streets" - Joe Olson, City of Calgary
- "Urban Braille in the Bernard Ave Project, Kelowna" - Pat McCormick, City of Kelowna

12:00PM Networking Lunch & CITE AGM

1:00PM Afternoon Sessions

- "Developing Hillside Guidelines" - Ed Stranks, City of Vernon
- "Case Studies: Green Square permeable streets and Clifton Green Street (Hillside)" - Kevin Johnson, CTQ
- "LID storm systems (bioswales)" - Shasta McCoy, Urban Systems

2:30PM Panel Discussion

3:00PM Wrap-up - James Donnelly, President of BC Interior Chapter of CITE

DATE:

November 21, 2014

PLACE:

The Cove Lakeside Resort,
West Kelowna

COST:

\$50 ITE/PIBC Members

\$60 Non-members

\$25 Students

(taxes included for all)

PIBC Member earn 4.75 CPLs

Register online:

<http://www.cvent.com/d/p4q6zp>

or

Contact PIBC:

office@pibc.bc.ca

by November 14, 2014

This event is proudly sponsored by:





Appendix C

AGM Meeting Minutes



Executive Meeting Minutes

Annual General Meeting

Friday November 21, 2014

Cove Lakeside Resort, West Kelowna, BC

Attendees: James Donnelly, Amanda Watson, Ian Roth, Peter Truch, Brian Oliveira, Tom Baumgartner, Ellen Morrison, Stephen Sargeant, Jan Voss, Felipe Rodriguez, Gary Vlieg, Brad Colvey, Sam King

Regrets: Abdul Masoud, Erin Felker, Gordon Lovegrove, Robin Forbes, Billy Dong, Kathryn Weicker

Agenda:

- | | |
|---------------------------|-----------------|
| 1. Financial | Informal Agenda |
| 2. AGM – Elections | |

Financial Report (Ian)

- About \$1,800 in account

ACTION: New Treasurer to confirm account balance at next meeting (Ellen)

AGM - Elections

ACTION:
All

Amanda Watson – President by acclamation

James Donnelly – Past President

Ian Roth – Vice President by acclamation

Ellen Morrison – Treasurer by acclamation

Kathryn Weicker – to step down from Secretary

Tom Baumgartner – Secretary by acclamation

Members at Large – Brian Oliveira, Stephen Sargeant, Gord Lovegrove, Brad Colvey, Sam King

Executives sworn in by Jan Voss