Canadian Institute of Transportation Engineers
Greater Vancouver Section

2011 Section Annual Report Rev. 1
January 1st to December 31st, 2011

Prepared by:

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Secretary, GVITE 2011 – 2012

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CANADIAN INSTITUTE OF TRANSPORTATION ENGINEERS
GREATER VANCOUVER SECTION

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1.0 2011 SECTION AND CHAPTER EXECUTIVES

1.1. GREATER VANCOUVER SECTION

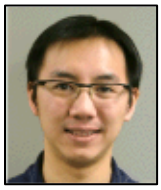
President

Matthew Chan, P.Eng.
Delcan Corporation

Vice-President

Stephanie McNeely, P.Eng.
Urban Systems Ltd.

Secretary



Jonathan Ho, P.Eng., PTOE
R.F. Binnie & Associates Ltd.

Treasurer

Stanley Li, EIT
Morrison Hershfield Ltd.

Immediate Past-President

Kanny Chow, P.Eng., PTOE
Opus International Consultants Ltd.

Webmaster

William Hui, P.Eng.
TransLink

1.2. BC INTERIOR CHAPTER

The 2011 BC Interior Chapter Executives are as follow:

- President: Erin Felker – City of Kamloops
- Vice President: James Donnelly. P.Eng., PTOE – Urban Systems Ltd.
- Secretary: Amanda Watson – City of Vernon
- Treasurer: Brad Colvey – Stantec Consulting Ltd.
- Members at Large: Kathryn Weicker | Christopher Darwent | Brian Oliveira
- Past President: Dr. Gord Lovegrove, P.Eng. – UBC Okanagan
- Student Representatives: Ian Roth and Vicky Wei – UBC Okanagan
- GVITE Section Liaison: Stanley Li, EIT – Morrison Hershfield Ltd.

The complete 2011 BC Interior Chapter Annual Report is attached in **Appendix A** of this report.

1.3. UBC STUDENT CHAPTER

The 2011 University of British Columbia (UBC) Student Chapter Executives are as follow:

- Chapter Advisor: Prof. Tarek Sayed, P.Eng.
- Assistant Chapter Advisor: Clark Lim, P.Eng., FITE, Ph.D. Candidate
- President: Brendan Stevenson, B.A.Sc. Student
- Vice President: Peter Luedke, B.A.Sc. Student
- Secretary: Mike Nakai, B.A.Sc. Student
- Treasurer: Mike Nakai, B.A.Sc. Student
- Graduate Student Representative: Jarvis Autey, M.A.Sc. Candidate
- 3rd Year Representative (Term 1): Peter Luedke, B.A.Sc. Student
- 3rd Year Representative (Term 2): Martina Riessner, B.A.Sc. Student
- 2nd Year Representative: Jack Crabtree, B.A.Sc. Student
- Industry Representative: Enrique Garcia, B.A.Sc. Student
- Social Coordinator: Mike Nakai, B.A.Sc. Student
- Webmaster: Clark Lim, P.Eng, FITE, Ph.D. Candidate

It is noted that the UBC Student Chapter Executives reported above is for the 2011 to 2012 academic year. The complete 2011 UBC Student Chapter Annual Report is attached in **Appendix B** of this report.

2.0 SUMMARY OF SECTION ACTIVITIES

2.1. SECTION MEETINGS AND EVENTS

In summary, our Section hosted a total of three breakfast meetings, two lunch meetings and two dinner meetings including the AGM. The annual golf tournament also entered its 10th year and was well-attended by local members supported by our beautiful west coast weather.

The BC Interior Chapter hosted two mini-conferences in total. The UBC Student Chapter also hosted an annual industry night at the UBC Vancouver Campus which was well-attended by students and industry guests.

Table 1 – Summary of Section Meetings and Events

Date	Type	Location	Topic	Attendance
Thursday, Jan. 27, 2011	Breakfast Meeting	Holiday Inn Express at Metrotown	Gran Fondo Traffic Management Plan	39
Tuesday, Mar. 8, 2011	Student Event	UBC Vancouver Campus	UBC ITE Annual Industry Night	N/A
Tuesday, Apr. 5, 2011	Lunch Meeting	Metropolitan Hotel Vancouver	Cycling Facilities in Downtown Vancouver	50
Friday, Apr. 8, 2011	Conference	UBC Okanagan Campus	BC Interior Chapter Mini-Conference	N/A
Thursday, Apr. 28, 2011	Dinner Meeting	Steamworks Brewing Company	UBC Line Alternatives Analysis	31
May 29 to Jun. 1, 2011	Conference	Halifax	2011 CITE Conference and Annual General Meeting	N/A
Tuesday, Jun. 7, 2011	Breakfast Meeting	Holiday Inn Express at Metrotown	City of Surrey Transportation Strategic Plan and Walking Plan	42
Thursday, Jun. 16, 2011	Golf	Burnaby Mountain Golf Course	10th Annual Golf Tournament	26
Friday, Jun. 17, 2011	Course	City of Vancouver	Bike Facility Design Course	25
Tuesday, Sept. 20, 2011	Breakfast Meeting	Holiday Inn Express at Metrotown	Will GPS Technology Make Road Signs Obsolete	30
Friday, Oct. 28, 2011	Conference	Predator Ridge Golf Course	BC Interior Chapter Mini-Conference	N/A
Wednesday, Nov. 2, 2011	Lunch Meeting	Metropolitan Hotel Vancouver	Vancouver 2040 Transportation Plan Consultation	43
Tuesday, Nov. 29, 2011	Dinner Meeting	Hilton Vancouver Metrotown	Annual General Meeting and Award Dinner	47

2.2. EVENT AND CONFERENCE ATTENDACE BY GVITE

UBC ITE Annual Industry Night (March 8, 2011): Attended by all executive members.

BC Interior Chapter Spring Mini-Conference (April 8, 2011): Attended by Jonathan Ho.

CITE Annual Conference in Halifax (May 29 to June 1, 2011): Attended by Matthew Chan.

BC Interior Chapter Fall Mini-Conference (October 28, 2011): Attended by Matthew Chan.

2.3. AWARDS

2.3.1. GVITE Annual Section Awards

Bill Curtis Technical Achievement Award: Vancouver Downtown Separated Bike Lanes, City of Vancouver

Outstanding Professional Award: Jaime Boan, P.Eng. – City of Surrey

Lifetime Achievement Award: Terry Partridge, P.Eng.

Young Professional Award: Jonathan Ho, P.Eng., PTOE – R.F. Binnie & Associates Ltd.

2.3.2. CITE Section Activities Award

GVITE was honoured to be named the CITE Section Activities Award recipient in 2011 for the 7th straight year. Our Section's President, Matthew Chan, P.Eng., collected the award from Mr. Gene Chartier, P.Eng., FITE, then President of CITE, at the 2011 CITE Conference and Annual General Meeting in Halifax (pictured on the right).

The CITE Section Activities Award recognizes the overall quality of section activities. Our entry was subsequently entered in the International competition but was not selected as the winning entry.

2.3.3. Wilbur S. Smith Distinguished Transportation Educator Award

GVITE was proud to learn that Dr. Tarek Sayed was awarded the 2011 Wilbur S. Smith Distinguished Transportation Educator Award in recognition of his outstanding achievements in the education and mentoring of students in the field of transportation (pictured on the right). Dr. Sayed is a professor, distinguished university scholar, transportation group Leader and graduate advisor in the Civil Engineering Department at UBC.

2.4. GVITE OUTREACH PROGRAM

GVITE recognizes that the Transportation Engineering industry also includes a strong presence of Transportation Planning Professionals without an engineering degree, as reflected by the recent introduction of the Professional Transportation Planner (PTP) certification program administered by the Transportation Professional Certification Board Inc. Since there are no undergraduate programs in Canada currently being provided for Transportation Planning, GVITE explored alternate ways to attract non-engineering students into the industry in 2011.

Mrs. Charlotte Watson (nee Bathurst), M.Sc., PTP (pictured on the right), is a Transportation Planner with the City of Surrey. Under her leadership, professors were contacted at UBC and Simon Fraser University (SFU) who taught subjects relevant to students pursuing careers in Transportation Planning. They were approached to see if they would accept a presentation from ITE representatives to speak to their students about careers in Transportation Planning and to promote ITE and its free student membership. This new program has generated new interests in the local ITE evidenced by a strong growth in student membership in 2011. The next step is to explore co-op and work opportunities for the non-engineering students in the transportation organizations. A summary report of the GVITE Outreach Program is attached in **Appendix D** of this report.

2.5. CITE FINANCIAL REVIEW COMMITTEE REPORT

Our Section President attended the CITE Board of Directors meeting on May 29, 2011 in Halifax to review recommendations made by the Financial Review Committee (FRC) in their report dated April 21, 2011.

To address future issues with outstanding accounts receivable, CITE has implemented an online payment system where fees are paid before any services are rendered. The current outstanding accounts receivable will be reissued by the CITE Vice-President and at year-end 2011, it is understood that the CITE Executive will re-assess the situation and make a recommendation to the Board on whether or not to write off any remaining amounts.

Based on the information provided at the meeting, it is also understood that the previously unaccounted conference seed money of $47,000 was mostly returned. A representative from the Montreal Section provided a final cheque to CITE to bring the outstanding amount to approximately $2,800. In order to avoid similar issue in the future regarding seed money provided for the hosting of annual conferences, CITE will now be in charge of conference finances thus negating the need to issue seed money to local sections.

Key motions were passed on May 31, 2011 at the AGM and they are as follow:

- Rescind the previous 2007 and 2008 financial statements.
- Approve the revised 2007, 2008, and 2009 financial statements.
- Release quarterly interim financial statements to members starting in Quarter 3 of 2011.
- Deliver year-end financial statements electronically 30 days before the AGM. The CITE bylaws will be amended to hold executives accountable for this delivery.
- Assign Andy Vandertol (Chair of the FRC) to work with the CITE Secretary-Treasurer and the bookkeeper until the end of 2011 to implement the FRC's recommendations.
- Explore the merit of hiring a Financial Administrator and report back by January 1, 2012.

During the course of the CITE financial review, one of our local Section members, Mr. Jan Voss, P.Eng., PTOE, was heavily involved in the FRC to study the past financial practices and recommend measures to minimize similar issues in the future. As one of the key resolutions, a Financial Management Policies Review Committee was formed and our Section's President, Mr. Matthew Chan, P.Eng., was selected to sit on the committee to revamp the financial management policies contained in the executive guidelines.

3.0 ITE GREATER VANCOUVER SECTION IN 2011

3.1. MEMBERSHIP

The latest GVITE Section membership report was received from ITE on December 6, 2011. The detailed breakdown of our Section's membership is as follow:

Membership Type	Number	Annual Dues Rate ($ US)
Fellow	25	$15
Member	205	$15
Institute Affiliate	3	$15
Student Member	100	$0
Total:	**333**	

Comparing the membership information with the previous year, the number of Fellow members remains the same at 25 individuals. There is one additional Institute Affiliate as reported. The number of Members saw an 8% increase from 189 individuals to 205 individuals. The number of Student Members had a significant increase from 54 individuals to 100 individuals, or approximately 85%. Overall, the Section grew from 277 members in 2010 to 333 in 2011, a 20% increase.

3.2. FINANCE

Does your section have a Federal Employer Identification Number?

[ ] Yes [X] No

3.2.1. Financial Position

GVITE is a not-for-profit organization that supports the advancement of the transportation engineering and planning industry within the Section area, which includes the Greater Vancouver area, the BC Interior and the UBC Student Chapter, in association with its parent organization, ITE International.

The Section's funding generally comes from several key sources, including ITE membership dues, monthly meeting attendance fees, and the ITE Quad Conference (hosted every four years by rotation with the Vancouver Island Section, Washington State Section and Oregon Section). The funds generated at each Quad Conference are typically used to sustain the Section activities in the intermediate years between Conferences. The last Quad Conference held by GVITE was in 2009, with the next one anticipated in 2014.

The Section's major expenses typically include costs associated with our monthly presentations (event venue and food), Section operational costs (including the participation of executive members in the annual Canadian ITE and Quad Conferences), various sponsorship opportunities of the UBC ITE Student Chapter and the BC Interior Chapter, as well as annual awards supporting ITE activities.

3.2.2. Year Status

At the beginning of the 2011 fiscal year, the Section had an account balance of $21,243.86. During the course of 2011, the Section's revenues were $33,320.09 and the expenditures were $26,115.50 for a net

gain of $7,204.59. Our end of year balance was $28,448.45. The 2011 GVITE Section financial summary is shown in **Table 2** below.

Table 2 – GVITE Section Financial Summary

Community Service Account (CAD)

	Credits	Debits	Net (CAD)
2010-2011 Cash Carryover	$21,243.86		$21,243.86
2011 Financial Activities			
International ITE Fund		$350.00	
ITE Golf Tournament	$3,152.00	$2,150.45	
ITE Monthly Meetings	$11,505.00	$15,342.49	
Courses*	$15,314.70	$4,086.29	
BC Interior		$345.00	
UBC	$400.00	$500.00	
Section Dues Remittance**	$2,930.07		
Section Operations		$3,341.27	
Bank Fees and Credits	$18.32		
Sub-Total 2011 Activities	$33,320.09	$26,115.50	$7,204.59
Balance as Dec 31, 2011			$28,448.45
Year to Year Change			$7,204.59

*: Courses have outstanding payments of $10366.54
**: The amount of "Section Dues Remittance" is currenty in US dollars, and an exchange rate of 1:1 is applied to convert the amount to Canadian dollars.

One of the key revenue sources for our Section was from another successful golf tournament hosted in June of 2011, the proceeds of which are used to support future Section and UBC ITE Student Chapter activities.

Some of the key expenditures this fiscal year were the April Dinner Meeting, which the attendance was negatively impacted by coinciding with the Vancouver Canucks' first game in the 2nd Round NHL Stanley Cup Playoff series. Secondly, the Section was extensively involved in the setting up of a Bike Facility Design Course which included printing of course materials, booking of venues, retaining course presenters, etc. Although the hosting costs for the course were found to be considerable, it is believed that the future costs to host such event will be reduced since some of the expenditures were mainly start-up fees.

Other notable points include the following:

- The Section spent a total of $15,342.49 on seven meetings in 2011 including the Annual General Meeting (AGM) and $11,505.00 were collected as the meeting registration fee.
- The Section operating cost was $592.69 including executive meetings and web hosting. The hosting of our Section's website made up $318.80 of the total operating cost.
- The total cost of sending a GVITE representative to the BC Interior Chapter's Spring and Fall Conferences was $826.68.
- The total cost of sending GVITE representative to the Canadian ITE (CITE) Conference and Annual General Meeting in Halifax was $2,741.90.
- The total cost of sponsoring the UBC Industry Night was $500.00.

- Parent ITE and District ITE provided remittance cheques totalling to $2,928.00 US. A total of $345 was transferred to the BC Interior Chapter in 2010 but it was cashed during the 2011 fiscal year.

The detailed GVITE Financial Statement is attached in **Appendix C** of this report.

3.3. LEGAL ACTIVITIES

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

[ ] Yes [X] No

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

[ ] Yes [X] No

3.4. MONTHLY MEETINGS AND EVENTS

2011 was yet again a successful and busy year for GVITE. Although it did not feature any large ITE conferences such as the Quad Conference in 2009 or the ITE Annual Meeting and Exhibit in 2010, the Section was busy hosting local monthly meetings and various design courses for the members to attend. At the 2011 AGM, we welcomed Mr. Stanley Li, EIT to the Executive as Treasurer while Mr. Kanny Chow, P.Eng., PTOE entered the role of Immediate Past-President. Mr. William Hui, P.Eng. continued his role as Webmaster to provide more refinements and updates to our informative website.

The first meeting in 2011 was held in late January over breakfast. The presentation was given by Mr. Jason Jardine, P.Eng., PTOE from Delcan Corporation on the topic of Gran Fondo Traffic Management Plan. Jason discussed the development and implementation of the traffic management strategies for the study event and how they are being considered for the growing number of similar mass participation events across North America. The Lifetime Achievement Award was also presented to Mr. Hansel Wang, P.Eng. from TransLink.

In March 2011, the UBC ITE Student Chapter hosted the Annual Industry Night which was well attended by students and industry representatives (pictured on the right). The event presented an excellent opportunity for local transportation organizations to communicate with UBC students regarding opportunities in the industry. The event also included a poster competition to showcase the various student projects undertaken as part of their academic course in Transportation Engineering.

The results of the undergraduate poster competition were as follows:

- First Place: Kelly Brignall and Amrit Uppal
- Second Place: Manvir Sohi and Sukhmeet Grewal

It is noted that the 2012 UBC ITE Industry Night will be held on March 6, 2012 including a new series of undergraduate poster competition; therefore, the winning students named above are the same as reported in the 2010 GVITE Annual Report.

April 2011 was a busy month for the Section. A presentation was given by the staff from the City of Vancouver on the topic of Cycling Facilities in Downtown Vancouver that were recently constructed and discussed in the local media. This project was later selected as the recipient of the Bill Curtis Technical Achievement Award at the 2011 AGM. Within that same week, the BC Interior Chapter hosted a spring Mini-Conference at the UBC Okanagan campus with a theme of "A Multi-Jurisdictional Look at Transportation Impact Studies" (pictured on the left). A number of presentations were made during the day-long event on a nice sunny day in the Okanagan area in BC. In late April, Ms. Margaret Wittgens from TransLink gave a presentation on the topic of "UBC Line Alternatives Analysis" at a dinner meeting. The study is being conducted for a future rapid transit line on the Broadway Corridor between Commercial Drive and UBC.

In May 2011, the BC Interior Chapter hosted the first Bike Facility Design Course aimed to assist transportation professionals in developing awareness and understanding of the unique issues and needs of cyclists for considerations in their geometric design assignments. The objective of the course is to equip participants with the design skills needed to deal with the diverse and complex issues that arise around the selection, design and implementation of cycling infrastructure. The demand for the course was significant and it was later hosted in both Vancouver and on the Vancouver Island at full capacity. The course in Vancouver was held on June 17, 2011 (pictured on the above right) and there is already a waiting list for a second course to be held for local transportation professionals.

In June 2011, Mr. Jaime Boan, P.Eng. and Mr. Philip Bellefontaine, M.Sc. from the City of Surrey gave a presentation on the topic of "City of Surrey Transportation Strategic Plan and Walking Plan" (pictured on the left). The City is undergoing a major transformation including the re-development of a large neighbourhood to support a new municipal hall, residential and commercials developments, the SFU campus, and other civic facilities. As part of the re-development, City staff has developed an extensive plan to promote future walking and transit trips thus reducing the dependency on vehicular traffic to access the new neighbourhood.

The Section took a summer break and returned in September 2011 with a breakfast presentation on the topic of "Will GPS Technology Make Road Signs Obsolete?" by Mr. Julio Wong, M.Sc., P.Eng., FITE from MMM Group (pictured on the right). The presentation discussed safety issues regarding present day drivers' over-reliance on Global Positioning System (GPS) satellite navigation technology rather than traditional traffic and guide signing on the roadways. As a result of Mr. Wong's study, recommendations were made to warn drivers of the possible mis-guidance from their GPS system especially in major construction zones.

In October 2011, the BC Interior Chapter hosted a fall Mini-Conference and AGM at the Predator Ridge Golf Course in Vernon, BC with a theme of "Engagement for Planners and Transportation Professionals". It was jointly held with the Planning Institute of British Columbia (PIBC). The conference included presentations and workshops to engage the transportation and planning professionals on the involvement of public community during neighbourhood and transportation planning assignments.

Our final presentation for the year was held in November 2011 on the topic of "Vancouver 2040 Transportation Plan Consultation" presented by Mr. Steve Brown, P.Eng. and Mr. Lon LaClaire, M.Eng., P.Eng. from the City of Vancouver (pictured on the right). The City is in the process of updating its 1997 Transportation Plan and City staff is soliciting input from the transportation industry and the general public for the development of the new plan. The new plan has a goal of making the Vancouver the greenest city in the world.

3.5. ANNUAL GENERAL MEETING

The Section held its AGM and Awards Dinner on November 29, 2011 at the Hilton Vancouver Metrotown. The meeting was very well-attended for the many friends and colleagues in the local transportation industry to celebrate another successful year in the Great Vancouver area and to re-connect. A total of four awards were presented at the meeting:

Bill Curtis Technical Achievement Award

- This award was presented to the Vancouver Downtown Separated Bike Lanes project. The project was constructed in 2011 to provide dedicated two-way cycling facilities in downtown Vancouver as part of the City's plan to become the greenest city in the world. In addition to the construction of the bike lanes, new traffic signal systems were also added to support the safe navigation of cyclists at intersections from the adjacent vehicular traffic.

Outstanding Professional Award

- This award was presented to Mr. Jaime Boan, P.Eng. from the City of Surrey. Mr. Boan, is the Manager of Transportation Division in the City's Engineering Department and has been a key figure leading in the development of the new City Centre Transportation Plan to promote alternative modes of transportation through extensive planning studies.

Lifetime Achievement Award

- This award was presented to Mr. Terry Partridge, P.Eng. for his outstanding achievement in the development of the Greater Vancouver transportation forecast model throughout many years. His dedication and knowledge in transportation planning and forecasting are well recognized by local members.

Young Professional Award

- This award was presented to Mr. Jonathan Ho, P.Eng., PTOE from R.F. Binnie & Associates Ltd. The award was first created in 2010 in recognition of outstanding young professionals in the transportation industry. Mr. Ho was recognized as being a key member of his company and was also actively involved in the GVITE Section executive and the planning of the 2009 ITE Quad Conference.

In addition, the 2012 GVITE Executive was selected and sworn in at the meeting. The 2012 Executive members are (pictured on the right):

- Stephanie McNeely – Urban Systems Ltd. (President)
- Jonathan Ho – R. F. Binnie & Associates Ltd. (Vice-President)
- Stanley Jiajun Li – Morrison Hershfield Ltd. (Secretary)
- Alina Cheng – City of Vancouver (Treasurer)
- Matthew Chan – Delcan Corporation (Immediate Past-President)
- William Hui – TransLink (Webmaster, not in picture)

3.6. 10TH ANNUAL GOLF TOURNAMENT

The Annual GVITE Golf Tournament entered its 10th year and was held on a dry day for the first time in many years (pictured on the right). It was a fun event for all the golfers who participated and in addition to everyone having a great time on the green, this year's event also set a record for fundraising by collecting over $1,000 to help finance future section activities and support of the UBC ITE Student Chapter. The Section would

like to thank Mr. Jan Voss, P.Eng., PTOE from Creative Transportation Solutions for organizing the event and all of the generous industry sponsors for supporting the event.

3.7. INTERIOR CHAPTER

As noted in this report, the BC Interior Chapter successfully hosted two mini-conferences this year in the spring time and in the fall of 2011. In addition, the Chapter also kick-started the successful delivery of the Bike Facility Design Course, which was subsequently held in the Greater Vancouver area and on Vancouver Island. At the AGM, the executive for 2012 was selected, as follow:

- Erin Felker – City of Kamloops (President)
- James Donnelly – Urban Systems Ltd. (Vice-President)
- Amanda Watson – City of Vernon (Secretary)
- Brad Colvey – Stantec Consulting Ltd. (Treasurer)
- Kathryn Weicker, Christopher Darwent, Brian Oliveira (Members at Large)
- Dr. Gord Lovegrove – UBC Okanagan (Past President)
- Ian Roth and Vicky Wei – UBC Okanagan (Student Representatives)

The 2011 BC Interior Chapter Annual Report is appended to this document as **Appendix A**.

3.8. UBC STUDENT CHAPTER

The UBC Student Chapter hosted the Annual Industry Night in March 2011. The student posters and projects were well presented. Attendance from both the student and industry communities was high. The chapter was led by Mr. Brendan Stevenson starting in September for the 2011-2012 academic year. He assumed the role previously held by Mr. Jared Duivestein for the first eight months of 2011. Mr. Stevenson will be assisted by Vice-President Mr. Peter Luedke, and by Mr. Mike Nakai who will take on the role of Secretary/Treasurer.

The Chapter continued to be supported by Dr. Tarek Sayed as the Advisor and Mr. Clark Lim as the Assistant Chapter Advisor. The 2011 UBC ITE Student Chapter Annual Report is appended to this document as **Appendix B**.

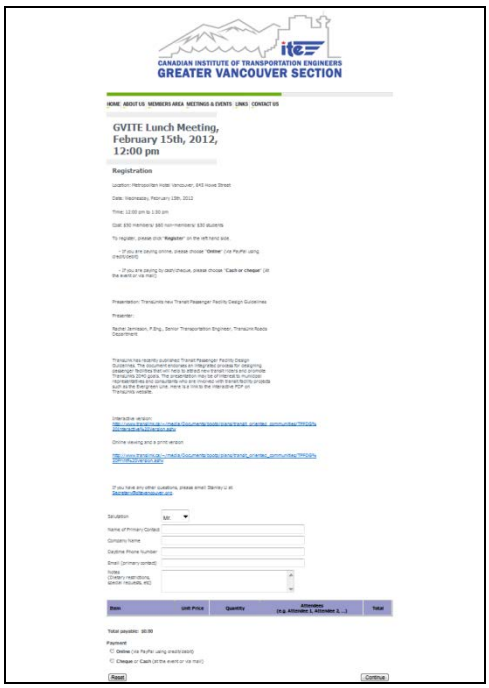
3.9. GVITE WEBSITE

The Section continues to maintain and update our website at www.citevancouver.org. The website is regularly updated to provide information on Section activities, upcoming events, local job openings, industry links, and the latest status about the Section and its executive. An archival of news and events dates back to 2007.

The online registration and administrative modules were updated in the fall of 2011 to provide a more efficient and user-friendly system for executives to update the website. Previously, adding news articles and setting up the online registration for Section events required some coordination of effort between the executive and the webmaster.

The new system will allow the executive to modify the front page of the website to ensure the articles stay up-to-date. However, the most noticeable improvement is the registration page. The new online registration module can easily allow the Secretary and Treasurer to:

- Post new events and their details;
- Post links to presentation materials hosted on an online server;
- Set up the online registration including the meeting size, cost, expiry time, early bird registration, and payment link (via PayPal);
- Issue online receipts for internet payment and cash payment made at the meeting; and
- Maintain a database on the event attendance for future references including the preparation of our Annual Report.



The new registration system was implemented in late 2011 and it will be used for all upcoming events in 2012. User feedback from our Section executive and members will be collected to ensure that glitches can be identified and addressed accordingly. It is noted that the new registration module was built upon an already successful and proven system that was used for our recent events and conferences, including the 2009 ITE Quad Conference hosted by our Section.

The website development team will continue to make improvements to the website and its structure in the coming year. Minor improvements will be developed and implemented periodically and a new website is targeted to be launched in the second half of 2012. Based on the current development, the programming will be done in ASP.NET to take advantage of advances in server-side scripting in recent years to allow for a more powerful and flexible website. The new website will also become more database-driven such that Section event statistics can be obtained easily by the executives. Aesthetically, the new website will also aim at improving user navigation and access to current and historic Section information.

APPENDIX A: 2011 BC INTERIOR CHAPTER ANNUAL REPORT

Canadian Institute of Transportation Engineers
BC Interior Chapter

Annual Report 2011

BC Interior Chapter

1. INTRODUCTION

We are pleased to provide this 2011 Annual Report for the BC Interior Chapter of the Canadian Institute of Transportation Engineers. The closing of the 2011 calendar year marked the third successful year for the BC Interior Chapter following a five year hiatus.

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:

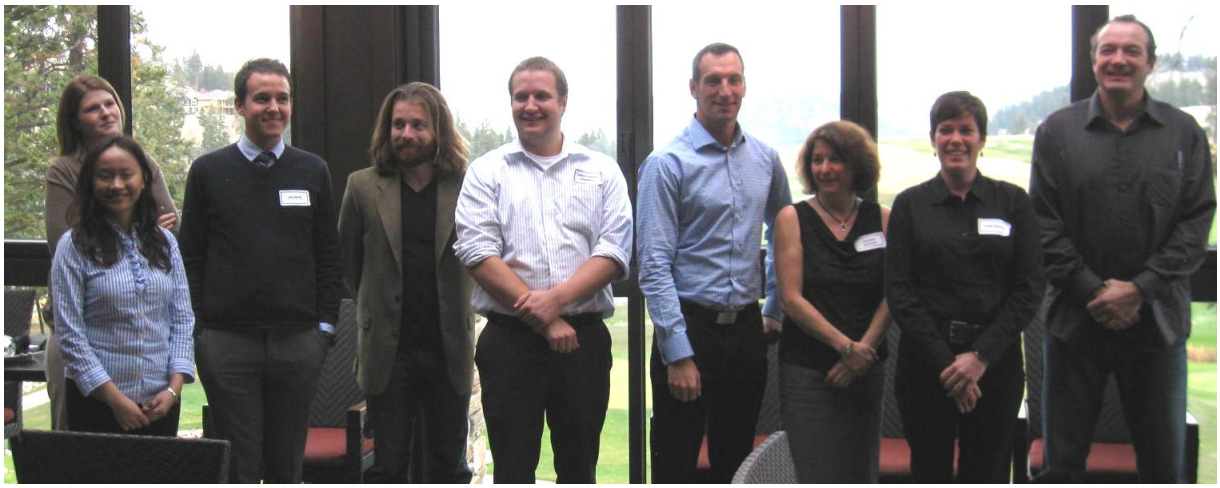
- Advance CITE objectives.
- Foster closer association among Institute members.
- Encourage members to prepare and discuss papers.
- Offer suggestions on matters of policy to the Institute Board of Direction.
- Consider local transportation and traffic engineering problems and present advice and comment 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, 2011.

2. CHAPTER EXECUTIVE MEMBERS

The Executive Committee of the BC Interior Chapter consists of 8 transportation professionals and 1 student representatives. All members of the Executive are members of ITE,

- President – Erin Felker (final year of 2 year term)
- Treasurer – Brad Colvey
- Secretary – Amanda Watson
- Student Representatives - Vicky Wei and Ian Roth (UBC-Okanagan)
- Vice President – James Donnelly
- Members at Large – Kathryn Weicker, Christopher Darwent, Brian Oliveira
- Past President - Gord Lovegrove
- Greater Vancouver Section Liaison – Stanley Li



2012 Executive (left to right): Kathryn Weicker, Vicki Wei, Ian Roth, Brian Oliveira, Chris Darwent, Brad Colvey, Amanda Watson, Erin Felker, Gord Lovegrove (missing: James Donnelly)

3. MEETING/TECHNICAL ACTIVITIES

3.1. Spring 2011 Event

On April 8th, the BC Interior Chapter hosted is annual spring event at the University of British Columbia Okanagan's (UBCO) campus in Kelowna, BC. This event included a student paper/presentation completion for UBCO students before lunch, and was followed by an afternoon "mini-conference" featuring presentations themed around the topic of "A Multi-Jurisdictional Look at Transportation Impact Studies" (Refer to Appendix A for more information). Presentation topics and presenters included:

- UBCO Sustainable Road Safety and Research Lab – Gordon Lovegrove (UBCO)
- Transportation Impact Studies, BC MoT Requirements – Kathryn Weicker/Faisal Siddiqui (BC MoT)
- Transportation Impact Studies, Municipal Perspective – Amanda Watson (City of Vernon)
- New Zealand Perspective on Transportation Impact Assessments – Peter Kortegast (Opus)
- Multi-modal Level of Service – James Donnelly (Urban Systems Ltd.)

A total of 35 students and professionals representing provincial agencies, local governments, and private consultants were in attendance.

3.2. Student Paper Competition

As part of the spring event a student paper completion was held among the UBCO students. Three presentations were made on the following topics:

- RDCO Master Transit Plan Design – Danny Grant, Tyson Salo & company
- RDCO Bus Stop Level of Service Decision Aid Tool – Ian Roth & company
- Kelowna Sustainable Transportation Indicators – Kim Herle & company

Based on votes entered by the conference attendees - Danny Grant, Tyson Salo, and company took home the top prize.

3.3. Bicycle Facility Design Course

On Friday May 13th, the BC Interior Chapter of ITE hosted a "Bicycle Facility Design Course" in Kamloops, BC. This professionally developed course was initiated by the BC Recreation and Parks Association with support from BC Ministry of Transportation, Insurance Corporation of BC, and TransLink; with the following objectives:

- Promote cycling and the role of cycling in the broader transportation system;
- Consider the unique needs and issues of various types of cyclists when designing transportation infrastructure; and
- Effectively plan, design, implement and manage bicycle facilities.

The course was delivered by Brian Patterson, MCIP (Urban Systems Ltd.) and David Rawsthorne, P.Eng. (City of Vancouver). The course was very successful and was attended by 20 local professionals and students. (Refer to Appendix B for more information)

3.4. Fall Event & AGM

On October 28th, the BC Interior Chapter of ITE hosted its fall event in Vernon, BC. This event was jointly hosted by the local chapter of the Planning Institute of BC (PIBC); repeating previous successful collaborations between the BC Interior Chapters of ITE and PIBC. The conference theme was "Successfully Engaging Stakeholders in Planning and Transportation". The day began with three very relevant topics that described the following public engagement projects:

- Downtown Vernon Plan – Cleo Corbett (City of Vernon)
- Consultation in the UK – Amanda Watson (City of Vernon)
- Transit Future Bus – Erin Felker (City of Kamloops)
- Okanagan Valley Transportation Initiative – Kathryn Weicker (BC MoT)

Following lunch an afternoon workshop was facilitated by William Trousdale and John Ingram of Ecoplan International. This interactive workshop detailed EcoPlan's award-winning community engagement approach and included a local case study to illustrate several engagement techniques. (Refer to Appendix C for more information)

A total of 82 attendees including students and professionals representing provincial agencies, local governments, and private consultants (representing both ITE and PIBC members) participated.

3.5. AGM

After the joint Mini-Conference the BC Interior Chapter of ITE choose a new Chapter Executive:

- President – Erin Felker (no election held, second year of two-year term)
- Vice President – James Donnelly
- Treasurer – Brad Colvey
- Secretary – Amanda Watson
- Members at Large – Chris Darwent, Brian Oliveira, and Kathryn Weicker
- Past President – Gord Lovegrove
- Student Representative - Vicki Wei / Ian Roth

In addition, Stanley Li of the CITE Vancouver Section, has agreed to act as liaison officer with the BC Interior Chapter.

3.6. Future Events

The BC Interior Chapter is looking to hold two events again in 2012. Building off the continued success of the annual Spring and Fall mini-conferences, the chapter is planning to continue this tradition. The Spring event is held at UBC-Okanagan and incorporates the Student Presentation Competition as well as speakers, our tentative conference theme will be related to First Nations. The Fall event will consider one key note speaker and will likely be held next to the beautiful greens of Predator Ridge Golf Course (Vernon, BC) and the annual general meeting will elect a new chapter president and executive.

At the end of 2011, the BC Interior Chapter of ITE also expressed its support for the Greater Vancouver Section of ITE (our parent Section) to submit a bid to host a future CITE Conference and Annual General Meeting in Kelowna, BC (2014-2015).

BC Interior Chapter

FINANCIAL REPORT

2011 Final Treasurer's Report								
Date:	31-Dec-11							
	Starting Balance:	Bank Account (Dec 31, 2010)		$ 2,416.20				
		Bank Account (Dec 31, 2011)		$ 2,408.19				
		Cash on Hand		$ -				
				$ 2,416.20			**$ 2,416.20**	December 31, 2010
	Revenues	April Conference		$ 2,370.00				
		October Conference		$ -				
		Bike Facilty Design Course		$ 2,975.00				
		GV ITE payments		$ 345.00				
				$ 5,690.00		**$ 5,690.00**		
	Expenses	April Conference		$ 1,752.94				
		October Conference		$ -				
		Bike Facilty Design Course		$ 3,868.27				
		2011 Account Charges		$ 76.80				
				$ 5,698.01		**$ 5,698.01**		
	Net Cash Flow:					**-$ 8.01**	**-$ 8.01**	
	Closing Balance						**$ 2,408.19**	
		Bank Account (calculated)		$ 2,408.19				
		Bank Account (actual)		$ 2,408.19		$ -		
		Cash on hand		$ -				
		Total Closing Balance (Dec)		**$ 2,408.19**				
	Report Prepared by Brad Colvey, 2011 CITE Interior Chapter Treasurer							

4. COMMUNICATIONS

4.1. Chapter Email Account

To facilitate communications between the Chapter Executive, Chapter Members, and Chapter Affiliates; an email account has been set up for the BC Interior Chapter of ITE. This email account is used for all 'official' Chapter communications to its members, to maintain an up-to-date contact list of all Chapter Members and Affiliates, and as the primary contact method for individuals to contact the Chapter Executive. In addition, 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

4.2. 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://citevancouver.org/interior.php

Appendix “A”

BC INTERIOR TRANSPORTATION SPRING MINI-CONFERENCE

"A Multi-Jurisdictional Look at Transportation Impact Studies"

Kelowna, B.C.
Friday, April 8th, 2011
UBCO Campus
Library 317

10:30 AM	Registration	
11:00 AM	Welcome	Gord Lovegrove
11:05 AM	Student Presentation Competition	
11:50 AM	Lunch	
12:45 PM	Student Results	Gord Lovegrove
12:50 PM	Sustainable Road Safety Research Lab - UBCO	Gord Lovegrove, UBCO
1:20 PM	Transportation Impact Studies: MoTI Requirements	Kathryn Weicker and Faisal Siddiqui, MoTI
1:50 PM	Break	
2:05 PM	Transportation Impact Studies: Municipal perspective	Amanda Watson, City of Vernon
2:35 PM	New Zealand Perspective on Transportation Impact Assessments	Peter Kortegast, Opus
3:05 PM	Break	
3:20 PM	Before and After Traffic Impact Studies	Jan Voss, CTS
3:50 PM	Multi-Modal Level of Service	James Donnelly, USL
4:20 PM	Wrap-up	Gord Lovegrove

ITE Members = $35 | Non-members = $45 | Students = $10

Register at http://www.citevancouver.org/interior_registration.php

Appendix “B”

BICYCLE FACILITY

Design Course

This 1 day course is designed to assist design professionals in developing awareness and understanding of the unique issues and needs of cyclists and will equip participants with the design skills needed to deal with diverse, complex issues that arise around the selection, design and implementation of cycling infrastructure.

course objectives

The objectives of this course are to equip participants to:

- Promote cycling and the role of cycling in the broader transportation system;
- Consider the unique needs and issues of various types of cyclists when designing transportation infrastructure; and
- Effectively plan, design, implement and manage bicycle facilities.

target audience

This course is intended for professionals involved in the design of the public realm – such as engineers, designers, planners, and landscape architects – in both the public and private sectors throughout British Columbia.

hosted by:

ite BC Interior Chapter

date:	May 13, 2011
location:	Kamloops, BC
cost:	$175 (before April 25) $200 (after April 25)

instructors

Brian Patterson, MCIP – Brian is a Transportation Planner with Urban Systems Ltd. and has developed bicycle plans and designed bicycle facilities for communities across British Columbia and Alberta.

David Rawsthorne, P.Eng. – David is Transportation Engineer with over twenty years experience. David is with the Greenways and Neighbourhood Transportation Branch of the City of Vancouver.

URBANSYSTEMS. | British Columbia The Best Place on Earth | Ministry of Transportation and Infrastructure | BCRPA BC Recreation and Parks Association

Appendix “C”

ite BC Interior Chapter

2011 Fall Mini-Conference

PIBC Planning Institute of British Columbia
Forward Thinking Shaping Communities

Successfully Engaging Stakeholders in Planning and Transportation

@ Predator Ridge Resort
Vernon, B.C.
October 28th
10am - 4pm

epi ecoplan international, inc.

Registration	9:30
Morning Presentations on:	10:00
Downtown Vernon Plan	
Transit Future Bus	
Okanagan Valley Transportation Initiative	
Networking Lunch	12:30
Afternoon Workshop hosted by William Trousdale and John Ingram of Ecoplan International:	1:30
Led by EcoPlan International, whose award-winning planning approach is grounded in community engagement, attendees will get first hand experience with different engagement techniques, strategies and tools. A local case study will be used to illustrate several engagement techniques.	
BC Interior Chapter ITE AGM	3:30

ITE/PIBC Members = $50
Non-members = $60

URBANSYSTEMS.

Early-bird Registration deadline *save $10*: Tuesday, October 11th, 2011
Final Registration Deadline: Monday, October 24th, 2011
*Discount Rooms for Conference Attendees!
*PIBC members receive 6 CPD Credits!

attendee name _____ title _____ org. _____

cc # _____ exp _____ cardholder name _____

return to pibc by email at ryan.noakes@pibc.bc.ca or by fax at 604 696 5032.
please return one form per attendee. receipts available upon request.

APPENDIX B: 2011 UBC STUDENT CHAPTER ANNUAL REPORT

University of British Columbia
Institute of Transportation Engineers
Student Chapter

Annual Report
2011

Report submitted by

Brendan Stevenson
President
UBC ITE Student Chapter

Report approved by

Mr. Clark Lim, P.Eng., FITE
Assistant Chapter Advisor
UBC ITE Student Chapter

Telephone: (604) 996-4839
Email: president@ubcite.org

Date: January 28, 2012

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1.0 INTRODUCTION

The 2011 year has been a great success for the University of British Columbia Institute of Transportation Engineers Student Chapter (UBC ITE SC). In the last twelve months, transportation engineering has become more and more popular to UBC Civil Engineering students. UBC ITE has sought to maintain this momentum by making a stronger effort to promote the chapter, as well as tailor activities to meet the specific interests of students, particularly those who have become newly involved.

The following report summarizes the section's activities between January 1, 2011 and December 31, 2011. This report therefore combines the activities under the former president, Jared Duivestein (2010-2011) and the current president, Brendan Stevenson (2011-2012).

2.0 MEMBER ENROLLMENT

This year saw the UBC ITE maintain the large gains in chapter membership that occurred during the 2010-11 academic year, which was supported by increased promotion from UBC professors as well as new projects and initiatives by TransLink. Overall chapter membership currently stands at 60 students, the full roster of which can be found in the Appendix. UBC ITE has also maintained its strong attendance and participation of members-at-large at meetings, resulting in a typical turnout of 20+ people. The 2010-11 academic year executive is as follows:

Chapter Advisor	Prof. Tarek Sayed, P.Eng.
Assistant Chapter Advisor:	Clark Lim, P.Eng., FITE
President:	Jared Duivestein, B.A.Sc.Student
Vice President:	Brendan Stevenson, Ph.D. Candidate
Secretary:	Lilian Yuen, B.A.Sc. Student
Treasurers:	Jarvis Autey, M.A.Sc. Candidate
Graduate Student Representative:	Simon Li, M.A.Sc. Candidate
3rd Year Representative:	Brendan Stevenson, B.A.Sc. Student
2nd Year Representative:	Graham Schmit, B.A.Sc. Student
Industry Representative:	Enrique Garcia, B.A.Sc. Student
Social Coordinator	Kati Tamashiro, B.A.Sc. Student
Webmaster:	Clark Lim, P.Eng, Ph.D. Candidate

The 2011-2012 academic year executive is as follows:

Chapter Advisor	Prof. Tarek Sayed, P.Eng.
Assistant Chapter Advisor:	Clark Lim, P.Eng., FITE
President:	Brendan Stevenson, B.A.Sc.Student
Vice President:	Peter Luedke, B.A.Sc.Student
Secretary:	Mike Nakai, B.A.Sc. Student
Treasurer:	Mike Nakai, B.A.Sc. Student
Graduate Student Representative:	Jarvis Autey, M.A.Sc. Candidate
3rd Year Representative (Term 1):	Peter Luedke, B.A.Sc. Student
3rd Year Representative (Term 2):	Martina Riessner, B.A.S.Sc. Student
2nd Year Representative:	Jack Crabtree, B.A.Sc. Student
Industry Representative:	Enrique Garcia, B.A.Sc. Student
Social Coordinator	Mike Nakai, B.A.Sc. Student
Webmaster:	Clark Lim, P.Eng, Ph.D. Candidate

3.0 SUMMARY OF ACTIVITIES

The UBC ITE Student Chapter enjoyed an active year, organizing several major events, as well as participating in several events organized by other groups.

3.1. Guest Lectures and Seminars

UBC ITE was fortunate to be able to host two guest speakers throughout the year, who discussed with students with their experiences, technical advice and general thoughts on the profession. These talks attracted a large audience, and also doubled as a useful advertising tool for the Student Chapter. As such, UBC ITE hopes to host more of these types of events next year, and has already discussed this with several potential speakers.

Presentation on UBC Line Rapid Transit Study – 22nd of March, 2011

The UBC Line Study is a multi-year corridor study funded by TransLink and the Province to assess the feasibility of extending some form of rapid transit service along the Broadway Corridor from Commercial Drive to the University of British Columbia. Given that this study involves both transportation as well as UBC itself, this was a very popular subject for chapter members. In response to this interest, UBC ITE was pleased to have Mr. Ian Sproul, a Principal at Steer

Davies Gleave give a talk relating to the planning of this line. The presentation focused on the broader methodology and importance of corridor studies, with examples taken from the UBC Line study.

Advice for Transportation Students and Typical TransLink Work – 14th of November, 2011

Many engineering students at UBC are relatively unaware of what to expect post-graduation. To give students better insight, the UBC ITE was pleased to have Mr. Willaim Hui from TransLink come in and talk about some of his experiences in University and after graduation working as an E.I.T. This gave students valuable insight into the industry as well as helping with some tough questions that students may face, such as whether or not to attend graduate school. William also spoke about some of the work he does at TransLink.

3.2. Field Trips

Two field trips were organized by UBC ITE during the year. Although there were logistical challenges associated with organizing them (permission, timing, transportation, finding an interesting facility), they were also very rewarding -both tours were popular with chapter members, as well as the general student body.

New Port Mann Bridge – 10th March, 2011

UBC ITE, in conjunction with the UBC CSCE Student Chapter, and hosted by Peter Kiewit Sons', helped organize a tour the replacement Port Mann Bridge, currently mid-way through construction. The new bridge is the centrepiece of a 37km highway upgrade project undertaken as part of the Gateway Program.

This new cable-stayed bridge itself is an exceptionally large structure (it will be one of the widest bridges in the world upon completion), and has many different elements that must come together for successful execution of the project. On this tour, members were taken around the construction site on the north side of the bridge. Students were given an in depth look at the approaches to the bridge as

well as the cable span over the water. Although the tour focused more on the construction-planning aspect of the project (rather than planning, road design etc.), this was nonetheless a useful tour for aspiring transportation professionals, as they may finding themselves needing to understand and assess technical feasibility of different options. We would like to thank Peter Kiewit Sons for hosting the Port Mann tour, and providing an exceptional experience for all 40 students who attended.

City of Vancouver Traffic Operations Centre – 23rd November, 2011

Fifteen UBC ITE members had the opportunity to participate in a tour of the City of Vancouver Traffic Operations Centre.

The tour commenced with a walk around the building which lead to the traffic control room. Steve Brown then gave an overview of the control room and its functions. The control room was filled with television screens with various love feeds of main intersections in the city. Each camera could be remotely controlled which gives real time information when needed. Generally these cameras are used to monitor traffic and view any issues affecting traffic. After some brief questions, we moved to the conference room for a presentation from Lon LaClair, Manager of Strategic Planning.

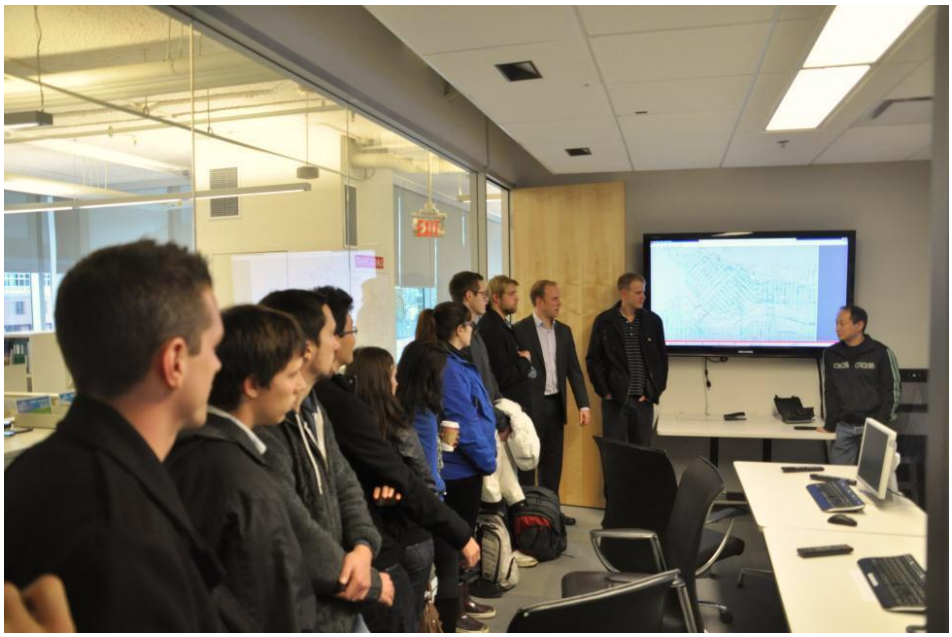

Figure 1: UBC ITE Members Learn About the Use of the Traffic Control Centre

Lon LaClair then gave the students an overview of the transportation department at the City of Vancouver including some future plans for the city. The presentation also included insight into the history of transportation in Vancouver and how past decisions have shaped the city today.

3.3. UBC ITE Annual Industry Night: March 8th, 2011

The annual UBC ITE Industry Night is the primary means of connecting not only chapter members, but also the student body at large, to professionals in the transportation engineering industry.

This year's Industry Night was held on Tuesday, March 8th and was moved to the Abdul Ladha Centre, which it a larger (and nicer) facility than was used in previous years. The Night was regarded as a success – it featured around 35 industry representatives from 15 companies, many of whom generously sponsored the event, and around 80-100 students. Company attendance and sponsors were as follows:

- **Platinum Sponsor:** Bunt & Associates
- **Gold Sponsors:** CTS, Genivar, McElhanney, SNC-Lavalin, Urban Systems
- **Silver Sponsors:** Delcan, EBA, IMAGINiT
- **Bronze Sponsors:** Opus International, Dillon Consulting
- **Other Attendees:** RF Binnie, Halcrow, IBI Group, ISL Engineering and Land Services, TransLink

The first part of the night consisted of several presentations. The first was delivered by UBC's new professor in transportation planning, Dr. Jinhua Zhao, who introduced himself to students and industry, as well as outlining some of his research interests. Following this, two graduate students gave presentations on their research projects, detailing progress to date, as well as how they expect their research to benefit the profession as a whole. Industry representatives were then given an opportunity to present and promote their respective organizations (shown in Figure 2).

Figure 2: 2011 Industry Night

Following that the formal part of the evening, students were free to mingle with the industry representatives. Simultaneously, a poster competition was held, wherein several groups of fourth year students had the opportunity to present their term projects to students. Platinum and Gold sponsors acted as judges, and voted on which posters impressed them the most.

The results of the undergraduate poster competition were as follows:

1. First Place: Kelly Brignall and Amrit Uppal
2. Second Place: Manvir Sohi and Sukhmeet Grewal

The Industry Night gave students a chance to look into the field of transportation engineering and hopefully spread interest in the field.

3.4. GVITE Section Meetings

UBC ITE has made an effort to attend all GVITE Section Meetings, in order to both provide regular updates to the GVITE executive, as well as benefit from the technical presentations that are given at each meeting. This includes the following meetings:

- January 27th: *Gran Fondo Traffic Management Plan* by Jason Jardine, P.Eng., PTOE
- November 2nd: *Vancouver 2040 Transportation Plan Consultation* by Steve Brown, P.Eng & Lon LaClaire, M.Eng, P.Eng.
- November 29th: GVITE AGM and Awards Dinner Meeting

3.5. 2011 CITE Conference and Annual General Meeting: May 29 – June 1, 2011

The UBC ITE Student Chapter was able to send one student to Halifax for the 2011 CITE Conference and Annual General Meeting. Events at the conference included technical seminars, social mixers, technical tours and a student social night. This presence helped in keeping the CITE aware of the UBC ITE. Experiences from the conference were passed along to other members of the UBC ITE. External funding for the conference was provided by the UBC Professional Activities Fund (PAF).

4.0 PARTICIPATION IN STUDENT ACTIVITIES AND INITIATIVES

This year, UBC ITE sought to expand its traditionally insular scope, and become more engaged in the Civil Engineering student body as a whole, as well as the wider community. Although this has so far only been partially accomplished this year, the groundwork has been laid for further and improved collaboration in the future.

4.1. UBC Civil Club and CSCE Student Chapter

In the interest of introducing the UBC ITE SC to the undergraduate students interested in pursuing careers in the transportation engineering field, the student chapter made an effort to keep in frequent contact with both the Civil Club (the undergraduate Civil Engineering society), as well as the UBC Student Chapter of the Canadian Society for Civil Engineering (CSCE). This generally consisted of cross-promotion of events, as well as mutual suggestions/advice/ideas for section activities. Furthermore, as described in Section 3.2, the UBC ITE partnered with the UBC CSCE to co-organize the Port Mann Bridge field trip.

5.0 UBC ITE STUDENT CHAPTER AWARENESS

The UBC ITE Student Chapter website (http://www.ubcite.org/) serves as a means for both students and industry interested in the chapter to obtain information regarding the chapter, including upcoming events, past activities, photos, annual sponsors, the chapter's objectives, contact information, and a list of the executive members. A strong effort has been made this year to have at least one chapter member create a write-up for each event that the chapter organizes/attends. This is done in order to provide a better record of the activities that have taken place, so that they could be used as an educational tool for either future students, or those who were unable to attend. Meeting minutes were also more formally recorded this year, and are intended to eventually be posted on the website.
The website also provides links to job opportunities as listed by industry representatives and links to websites of various transportation agencies. It is a useful means to allow students and industry representatives to register for various activities and events (such as the UBC ITE Annual Industry Night).

The Chapter is promoted throughout the year, with a strong effort being made to recruit a large number of students right at the start of the year. As much the membership consists of Fourth Year students, a strong effort was put into recruiting Second Year and Third Year students to join, in order to provide continuity for the chapter over the long term.

Lastly, the UBC ITE Student Chapter has traditionally consisted exclusively of Civil Engineering students. However, this year, an effort was made to reach out to students in the School of Community and Regional Planning who also share an interest in transportation. Despite some degree of overlap between the two groups, there has never been any contact between the two prior to this year.

6.0 CONCLUSION

Overall, the 2011 year has been a success for the UBC ITE Student Chapter. The chapter was able to organize several guest lectures, field trips, and an Industry Night, as well as participate in events organized by the GVITE and ITE. Since September, the chapter has seen a strong increase in "active" involvement from third year students, which will hopefully yield a strong executive for the 2012-2013 academic year. As such, in many respects, the chapter has achieved its mandate of promoting an understanding of the field of transportation engineering, as well as the career opportunities in the field.

Nonetheless, there is room for improvement in planning and organizing chapter activities. The major areas that next year's executive is advised to draw their attention to are as follows:

- **Organize more lunchtime industry lectures.** Several industry professionals have expressed interest in coming to UBC to do a lunchtime talk, and have generally been more enthusiastic/responsive to this than the UBC ITE executive had initially realized. Given that these sorts of events are both straightforward to organize, and popular with students, it follows that more of them should be arranged next year.
- **Encourage more involvement from the School of Community and Regional Planning (SCARP).** Many SCARP students share an interest in transportation, and have been enthusiastic to attend UBC ITE events over the past several months. The chapter would like to encourage further participation, and will discuss the creation of a "SCARP Rep" position on the executive, with a similar line of responsibilities to the "2nd/3rd/4th/Grad Rep" positions.
- **Organize at least one field trip.** These types of events can be quite challenging to organize, for two reasons. Firstly, there must be an appropriate project to tour in the first place. Secondly, there are challenges associated with receiving permission and endorsement for a tour. The results are well worth it, however; in many respects, the field trips are usually very rewarding. At the very least, it is

hoped that the Port Mann trip could be conducted on an annual basis over the next few years, so students can continue to see the project develop.

All of these activities, in combination with the "traditional" UBC ITE activities, such as the Industry Night, and the creative new ideas from next year's executive and members at large, set the stage for an even more successful year, on top of what has been accomplished this year.

Finally, UBC ITE SC would like to thank our advisor, Prof. Tarek Sayed and our assistant advisor, Mr. Clark Lim, for their continued support, assistance and guidance. Additional thanks go out to all of our sponsors, whose generosity has made all these activities possible.

APPENDIX: STUDENT CHAPTER MEMBERSHIP

The list below shows the names of the student members for the 2010-2011 academic year listed alphabetically.

First Name	Last Name	Degree
Jarvis	Autey	MASc
Kelly	Brignall	BASc
Andrew	Carne	MEng
Andrew	Cheung	BASc
Pratima	Cheung	BASc
Lucas	Chiu	BASc
Bethany	Dobson	BASc
Billy	Dong	BASc
BASc Jared	Duivestein	BASc
Mohamed	Elesawey	PhD
Enrique	Garcia	BASc
Sukhmeet	Grewal	BASc
Houman	Hediyeh	MASc
Shewkar	Ibrahim	MASc
Jacqueline	Lam	BASc
Simon	Li	MASc
Cara	Lozinsky	BASc
Timothy	Magowan	BASc
Aaron	Mahiban	MASc
Pouya	Moradi	BASc
Michael	Nakai	BASc
Michael	Ng	BASc
Jeff	Pang	BASc
Liliana	Quintero	MASc
Stephen	Randall	BASc
Ryan	Rasmussen	BASc
Haytham	Sadeq	MASc
Graham	Schmit	BASc
Manvir	Sohi	BASc
Brendan	Stevenson	BASc
Niraj	Sunuwar	BASc
Kati	Tamashiro	BASc
Amrit	Uppal	BASc
Bryant	Ward	BASc
Chelene	Wong	BASc
Edward	Wu	MASc
Mandana	Yazdanian	BASc

First Name	Last Name	Degree
Lilian	Yuen	BASc

The list below shows the names of the student members for the 2011-2012 academic year listed alphabetically.

First Name	Last Name	Degree
Jarvis	Autey	MASc
Travis	Booth	BASc
Daniel	Bragagnini	BASc
Ross	Bruce	BASc
Xiao Jie	Chen	BASc
Andrew	Cheung	BASc
Joey	Chiu	BASc
Aaron	Choi	BASc
Joel	Clary	BASc
Jack	Crabtree	BASc
Matt	Cuddeford	BASc
Colin	Davis	BASc
Matthew	DeGusseme	BASc
Katherine	Dennert	BASc
Scott	Dixon	BASc
Mohammad	Gorsi	BASc
Houman	Hediyeh	MASc
Brandon	Hildebrandt	BASc
James	Hosford	BASc
Eric	Howie	BASc
Ahmed	Kafafi	BASc
Jacqueline	Lam	BASc
Derek	Lee	BASc
Michael	Leong	BASc
Phiradej	Luechachandej	BASc
Peter	Luedke	BASc
Joshua	Ma	BASc
Regent	Ma	BASc
Jordan	McDonald	BASc
Madeline	McKee	BASc
David	Meoellenbeck	BASc
Rozina	Merchant	BASc
Jordan	Miller	BASc
Michael	Nakai	BASc
Victor	Ngo	BASc
Arthur	Or	BASc
Sophia	Piche	BASc
Sherwood	Plant	BASc

First Name	Last Name	Degree
Liliana	Quintero	MASc
Martina	Riessner	BASc
Andrew	Roach	BASc
Rance	Robazza	BASc
Souzan	Saadat-Sanei	BASc
Hamza	Saber	BASc
Haytham	Sadeq	MASc
Kyle	Schurmann	BASc
Arman	Shahnaz	BASc
Xiaonan	Shi	BASc
Brendan	Stevenson	BASc
Niraj	Sunuwar	BASc
Ehab	Taha	BASc
Sahar	Talaei	BASc
Eric	Tam	BASc
Terrence	Tang	BASc
Enoch	Tong	BASc
Tian	Wang	BASc
Eric	Wang	BASc
Haney	Wang	BASc
Hong Ming	Xia	BASc
Edward	Yuen	BASc

APPENDIX C: 2011 GVITE FINANCIAL STATEMENT

Institute of Transportation Engineers Greater Vancouver Section Treasurer's Report 2011

Community Service Account (CAD)

Date	Description	ChqNum	Withdrawal	Deposit	Balance	Adj_Balance	Type	Comment
31-Dec-10	From Previous Year				$ 21,243.86			
19-Jan-11	80th Anniversary Fund for the International ITE	691	$ 350.00		$ 20,893.86			to Peter Trutch
31-Jan-11	Interest			$ 1.79	$ 20,895.65		Interest	
1-Feb-11	Jan 2011 Breakfast Meeting	697	$ 1,080.24		$ 19,815.41		Meeting	to Jonathan Ho
17-Feb-11	Jan 2011 Breakfast Meeting (Cash&Cheque)			$ 360.00	$ 20,175.41		Meeting	
	UBC			$ 400.00	$ 20,575.41			
22-Feb-11	Jan 2011 Breakfast Meeting Speaker Gifts	698	$ 24.79		$ 20,550.62		Meeting	to Matthew Chan
28-Feb-11	Interest			$ 1.55	$ 20,552.17		Interest	
16-Mar-11	BC Interior	690	$ 345.00		$ 20,207.17			To BC Interior Issued in 2010
31-Mar-11	Interest			$ 1.73	$ 20,208.90		Interest	
26-Apr-11	April 4 2011 Lunch Meeting (Cash & Cheque) - Gift Card		$ 10.00	$ 580.00	$ 20,778.90		Meeting	
30-Apr-11	Interest			$ 1.67	$ 20,780.57		Interest	
2-May-11	Halifax Meeting	702	$ 2,566.01		$ 18,214.56		Meeting	to Matthew Chan
2-May-11	April 4 2011 Venue, etc.	700	$ 2,744.23		$ 15,470.33		Meeting	
3-May-11	Name tags	701	$ 6.68		$ 15,463.65		Supplies	to Stanley Li
3-May-11	April 28 2011 Dinner Meeting	703	$ 3,839.05		$ 11,624.60		Meeting	to Stanley Li
11-May-11	April 28 2011 Dinner Meeting (Cash&Cheque) - Gift Card		$ 10.00	$ 335.00	$ 11,949.60		Meeting	
17-May-11	UBC Industry night award	699	$ 500.00		$ 11,449.60		Industry night	to UBC student chapter
24-May-11	Kamloops Bicycle course 25 copies	704	$ 2,475.31		$ 8,974.29		Course	to Menzies Printers
26-May-11	Paypal Deposit			$ 3,098.88	$ 12,073.17		Paypal	
31-May-11	Interest			$ 1.02	$ 12,074.19		Interest	
10-Jun-11	June 16 2011 Golf Tournament	707	$ 1,720.32		$ 10,353.87		Golf	to Jan Voss
14-Jun-11	Halifax Meeting	705	$ 175.89		$ 10,177.98		Meeting	to Matthew Chan
15-Jun-11	SMTP Purchase	706	$ 43.76		$ 10,134.22		Website	to William Hui
29-Jun-11	June 7 2011 Meeting Venue	708	$ 1,215.48		$ 8,918.74		Meeting	to Jonathan Ho
	June 7 2011 Meeting (Cash&Cheque) - Gift cards		$ 20.00	$ 275.00	$ 9,173.74		Meeting	
30-Jun-11	Paypal Deposit			$ 4,933.02	$ 14,106.76		v	
6/30/2011	Interest			$ 0.89	$ 14,107.65		Interest	
1-Jul-11	June 16 2011 Golf Tournament (Cash&Cheque)			$ 3,152.00	$ 17,259.65		Golf	
	June 16 2011 Golf Tournament (Dinner, gifts)	709	$ 430.13		$ 16,829.52		Golf	to Jan Voss
	June 17 2011 Bicycle course Donation Translink			$ 2,500.00	$ 19,329.52		Course	
11-Jul-11	Executive Meeting	714	$ 35.12		$ 19,294.40		Meeting	to Jonathan Ho
11-Jul-11	SMTP Purchase	712	$ 41.02		$ 19,253.38		Website	to William Hui
11-Jul-11	Executive Meeting	713	$ 123.07		$ 19,130.31		Meeting	to William Hui
13-Jul-11	June 17 2011 Bicycle Course Emelle's Catering	711	$ 603.92		$ 18,526.39		Course	to Emelle's Catering
18-Jul-11	June 17 2011 Bicycle Course Cara Fisher	710	$ 1,364.25		$ 17,162.14		Course	to Cara Fisher
31-Jul-11	Interest			$ 1.50	$ 17,163.64		Interest	
2-Aug-11	Checque Deposit			$ 50.00	$ 17,213.64		Meeting	
31-Aug-11	Interest			$ 1.46	$ 17,215.10		Interest	
30-Sep-11	Interest			$ 1.42	$ 17,216.52		Interest	
31-Oct-11	Interest			$ 1.46	$ 17,217.98		Interest	
2-Nov-11	Server & Dinner	715	$ 135.47		$ 17,082.51		Website	to William Hui
2-Nov-11	ITE/PIBC Fall Conference	716	$ 418.44		$ 16,664.07		Meeting	to Matthew Chan
14-Nov-11	Sep/Nov meeting	717	$ 2,168.59		$ 14,495.48		Meeting	to Jonathan Ho
14-Nov-11	Paypal Deposit			$ 8,961.74	$ 23,457.22		Paypal	
30-Nov-11				$ 1.69	$ 23,458.91		Interest	
6-Dec-11	AGM Gift cards & Award Plaque	719	$ 376.16		$ 23,082.75		Meeting	to Matthew Chan
10-Dec-11	Cheques&Cash Sep/Nov/AGM meeting			$ 1,715.00	$ 24,797.75		Meeting	
10-Dec-11	Sponsorship from BC MoT			$ 2,000.00	$ 26,797.75		Meeting	
14-Dec-11	Paypal Deposit			$ 1,741.06	$ 28,538.81		Meeting	
16-Dec-11	Executive Meeting	721	$ 115.70		$ 28,423.11		Meeting	to Matthew Chan
16-Dec-11	AGM Venue	722	$ 3,078.32		$ 25,344.79		Meeting	to Jonathan Ho
17-Dec-11	Cheques&Cash Sep/Nov meeting			$ 270.00	$ 25,614.79		Meeting	
20-Dec-11	Relay + Drinks	720	$ 98.55		$ 25,516.24		Website+Meetin	to William Hui
31-Dec-11	Interest			$ 2.14	$ 25,518.38		Interest	
1-Jan-11	Balance Faward from 2011				$ 25,518.38			

Total Expenditures	Total Income	Remaining Balance	Account Net
$ 26,115.50	$ 30,390.02	$ 25,518.38	$ 4,274.52

US DOLLAR SAVINGS-BUSINESS 001 (USD)

Date	Description	ChqNum	Withdrawal	Deposit	Balance	Adj_Balance	Type	Comment
11-May-11	ITE CHEQUE			$ 2,538.00	$ 2,538.00			
10-Dec-11	ITE CHEQUE			$ 390.00	$ 2,928.00			
31-Dec-11	Interest			$ 2.07	$ 2,930.07			

Total Expenditures	Total Income	Remaining Balance	Account Net
$ -	$ 2,930.07	$ -	$ 2,930.07

APPENDIX D: GVITE OUTREACH REPORT

ITE Outreach Initiative to Post Secondary Non-Engineering Students

Introduction

With ITE moving away from being just for Transportation Engineers and now being for Transportation Professions with the introduction of the new Professional Transportation Planner (PTP) certification exam, the profession of transportation is growing. But with no graduate schools in Canada having programs specifically in Transportation Planning we need to be finding alternate way to be attracting non-engineering graduates into the profession.

Summarize activities

The Professors at UBC and SFU Universities in subjects that would be relevant to students pursuing careers in Transportation Planning were contacted and asked if they would be willing for a representative from ITE to present to their students about careers of Transportation Planning as well as promoting ITE and the free student membership.

The presentation included information on ITE; what Transportation Planning is and what is involved as a career; the educations and skills needed; the types of work; types of employment including information on overseas opportunities; Universities that offer Masters programs in Transportation Planning to non-Engineering students; profiles of non-engineers who work in Transportation Planning in Vancouver; and advice on next steps to take if interested.

Schools visited in Fall 2011

SFU – Masters in Public Policy
SFU – Geography
SFU – Mechatronics
UBC – Geography
UBC – SCARP (Planning)

Schools to be visited in 2012:

UBC – Sociology
SFU – Urban Studies (TBC)

Student reception and response

There was an excellent response from students during the presentation with many questions during the Q&A period. Some students even followed up with the presenter via email with specific questions; desire for more information; and requests for assistance with work experience opportunities which as of January 2012 are currently being organized with the City of Surrey's Transportation Planning department.

The student membership rate for the Greater Vancouver ITE chapter has also seen a significant increase in applications since the outreach initiative began.

Year	GVITE Student Members
2009	54
2010	59
2011	51
2012 (as of January)	83

Any next steps

GVITE is working with these program's co-op offices to try and increase the number of opportunities available to students within transportation organizations. This has been approached by providing contact

By: Charlotte Watson (nee Bathurst), M.Sc., PTP

details to co-op offices, and also recommending following the co-op dates e.g. application deadline, and terms dates of the UBC Engineering co-op office which most transportation companies and departments follow for their co-op interview and hiring process.

The ITE Greater Vancouver chapter has been promoting this initiative to local transportation organizations so they are aware of the potential increase in co-op applications from non-Engineering students.

Many of the professors expressed interest in a representative from ITE returning on an annual basis to promote careers in Transportation Planning to their student. Follow up will happen in summer 2012.

There are plans to organise more events for the GVITE student chapter to try and ensure that we keep these new student members now we have them.

By: Charlotte Watson (nee Bathurst), M.Sc., PTP