



Canadian Institute of Transportation Engineers
BC Interior Chapter

Annual Report 2017



March 30, 2018

1. CHAPTER VISION

We are pleased to write this 2017 Annual Report for the British Columbia Interior Chapter of the Canadian Institute of Transportation Engineers.

The Chapter's vision is to offer all ITE members and transportation professionals in the BC 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 Directors;
- Consider local transportation and traffic engineering problems and present advice and comments 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; and
- 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 over the last year, 2017.

2. INTRODUCTION

We are pleased to provide this 2017 Annual Report for the BC Interior Chapter of the Canadian Institute of Transportation Engineers. We are also very pleased to be able to inform you of Chapter events planned for 2018.

3. CHAPTER EXECUTIVE MEMBERS

The 2017-2018 Executive Committee of the BC Interior Chapter consists of twelve transportation professionals and one student representative. All members of the Executive are members of ITE and are in good standing. Current members of the Executive were elected to their position at the most recent AGM held on November 9, 2017. The AGM Meeting minutes are provided in Appendix A.

- President – Ian Roth (Second of two year term)
- Vice President – Tom Baumgartner
- Treasurer – Peter Truch
- Secretary – Ellen Morrison
- Past President – Amanda Watson
- Members at Large – Megan Beaulieu, Natasha Elliott, Gord Lovegrove, Nini Nytepchuck, Stephen Sargeant, Avi Thiessen, Chad Williams
- Student Representative – Eric Ma
- Greater Vancouver Section Liaison – Niraj Sunuwar



Figure 1: The 2017 Executive at the Annual General Meeting

At the end of 2017, there were 74 ITE members within the BC Interior Chapter of ITE. Of these members, 36 were students and 15 were members of the public sector.

4. 2017 ACTIVITIES & EVENTS

4.1. UBCO, ITE Student Chapter

In early 2013, an ITE student chapter was created at the University of British Columbia Okanagan campus (UBCO). One of the student members, Eric Ma, currently resides as the student chapter liaison

on the Executive. The 2017-2018 Annual Report of the UBCO student chapter is provided in Appendix B, and includes a variety of social, educational, and networking opportunities with members of industry.

4.2. Spring Event: Imagine Harvey Avenue: What's Sustainability got to do with it? – May 29th, Kelowna, BC

The BC Interior Chapter and UBC Okanagan jointly held this spring event which focussed on sustainable and safe infrastructure design with presentations from two guest speakers from Rotterdam, The Netherlands, including:

1. Peter Van Rijn, professor of Integrated Infrastructure and Safe Systems Design at Hogeschool in Rotterdam; and,
2. Marc Verheijen, member of faculty at Delft University of Technology and author of the book *Infrastructure: Infrastructure by Design* (2015).

After the presentations, there were facilitated discussions intended to gather input from the public about the future of Harvey Avenue (i.e. Highway 97), a main corridor through Kelowna, BC. Questions asked to the event attendees included:

- Describe your vision of a sustainable Harvey Avenue forty years from now. What values do you attribute to your vision?
- What are the top added three design features you'd like to see now or in the future to Harvey Avenue?

Results of these questions were compiled and are provided in Appendix C. The poster for this event is also provided in this appendix.

This event format was new for the BC Interior Chapter, as it was intended to be open to all members of the public and included an optional donation to attend. The intent was to meet CITE's purpose and mission, including:

- Development of public awareness of transportation's role in society, the environment, and the economy;
- Promoting professional development of members; and,
- Exchange of professional information.

In total there were 95 attendees, and the event was so popular that there was a waiting list of about 10 people. The event was a great success and was an excellent example of bringing the CITE Interior Chapter and members of the public together to foster public awareness and promote professional development. Moreover, \$524.80 was raised in support of the Okanagan Rail Trail Initiative.

4.3. Summer Executive Patio Night – August 23, 2017

Intended as an informal, social event, the Summer Executive Patio Night was held at BNA Brewing in Kelowna, BC. Seven members of the BC Interior Chapter Executive were able to attend. The intent of the meeting was to foster team building and present a further opportunity to network.



Figure 4: Summer Social Event

Sitting from Left to Right: Peter Truch, Ian Roth, Brad Colvey, Gordon Lovegrove, Ellen Morrison, Steven Sargeant
Photo Credit: Tom Baumgartner

4.4. Fall Event and AGM - November 9th, 2017

On November 9th, the CITE BC Interior Chapter hosted their annual technical mini-conference in Kelowna, BC. The mini-conference theme entitled “New Mobility: A Transportation Revolution” provided three presentations with a panel discussion in the morning, and a transit planning workshop in the afternoon. The topics covered the future of transportation, with a focus on autonomous vehicles and transit.

The presentation topics included:

- *Tomorrow’s Transportation Revolution: Implications for Communities* by Jeremy Finkleman, Urban Systems
- *Edmonton’s Approach to New Transportation Technology* by Erin Toop, City of Edmonton

- *Vancouver's Mobility Future: "Automating" Policy Into Sustainable Results* by Dale Bracewell, City of Vancouver
- *Exploring the Era of New Mobility Panel Discussion Q&A*, including Jeremy Finkleman, Erin Toop, Dale Bracewell, and moderated by Matt Worona, City of Kelowna
- *Get Yer Route On: Introduction to Transit Planning* by Tania Wegwitz, Watt Consulting Group and Matthew Boyd, BC Transit

About 45 public and private sector professionals attended the event, representing ITE, PIBC, UBC Okanagan, government, and consulting firms. Creative Transportation Solutions (CTS) and Urban Systems were our mini-conference sponsors. The event poster is provided in Appendix D.



Figure 6: CITE Fall Mini-Conference – Afternoon Transit Planning Workshop

During the conference, we conducted our Annual General Meeting (AGM) and Executive Elections, and we are happy to report there are both returning and new members of the BC Interior Chapter Executive. The officers were sworn in by the past president, Amanda Watson.

4.5. Future Events

In late 2016 / early 2017, we issued a survey to our members to determine what type of events they would like to attend in the future. The findings from that survey informed the events planned throughout 2017, and continue to impact event planning into 2018. Key findings of the survey suggest that in addition to typical technical presentations / workshops, members would also enjoy social events. We

plan to continue hosting day long mini-conferences since this is preferred by our members. The planned events for 2018 follow:

- Mini-Conference – theme to be determined.
- Spring Informal Evening Event – to be held in Kamloops, BC
- Summer Informal Evening Event – to be held in Kelowna, BC

5. CHAPTER OBJECTIVES

For the year of 2017, the Chapter identified the following objectives for action and priority in continuing to serve its members with a high quality CITE experience. These included the following:

Objective 1 – The BC Interior Chapter will focus on facilitating at least one technical / professional development focused event.

Objective 2 – The BC Interior Chapter will host two social networking events to provide an opportunity for professionals and students to connect in a casual atmosphere.

Objective 3 – The BC Interior Chapter Executive will execute transfer from Chapter designation to Section designation, based on the approved petition and support already given by the CITE District Executive and Board of Directors.

6. FINANCIAL REPORT

At the start of 2017, the Chapter started with \$13,918.42. By the end of 2017, the Chapter had a net loss of \$3,161.94, for a final balance of \$10,756.48. While this was a net loss, this was a deliberate decision by the Chapter to spend funds to bring high quality events to the membership and increase general public attendance at the Imagine Harvey Avenue spring event. The following table shows the details of the annual financial report, from January 1, 2017 to December 31, 2017.

Treasurer's 2017 Annual Financial Report:

Period Start: 1-Jan-17

Period End: 31-Dec-17

Overview		
Account Balance (End Date)	31-Dec-17	\$ 10,756.68
Account Balance (Start Date)	1-Jan-17	\$ 13,918.42
Cash on Hand	31-Dec-17	\$ -
Total Available Funds		\$ 10,756.68
Revenues		
May 29, 2017 Imagine Harvey Avenue Event - Eventbrite Revenue	11-Jul-17	\$ 780.00
May 29, 2017 Imagine Harvey Avenue Event - Cash Revenue	21-Jul-17	\$ 220.50
Annual CITE Rebate	8-Aug-17	\$ 250.00
November 9th Event - Eventbrite Revenue	15-Nov-17	\$ 2,115.00
		\$ 3,365.50
Expenses		
Nov. 10, 2016 CITE/PIBC Fall Mini-Conference Catering	3-Jan-17	\$ 1,627.22
Nov. 10, 2016 CITE/PIBC Fall Mini-Conference Speaker Gifts	1-Feb-17	\$ 50.00
Executive Meeting Expenses	8-Mar-17	\$ 120.88
CITE UBCO Presentation Contest - 1st Place Prize	3-Apr-17	\$ 300.00
CITE UBCO Presentation Contest - 2nd Place Prize	10-Apr-17	\$ 200.00
May 29, 2017 Imagine Harvey Avenue Event - Yacht Club Venue	9-Jun-17	\$ 1,216.50
May 29, 2017 Imagine Harvey Avenue Event - Aurora Printing	19-Jun-17	\$ 61.60
May 29, 2017 Imagine Harvey Avenue Event - Speakers' Gifts	28-Jul-17	\$ 56.44
CITE UBCO - Traffic Bowl Team	28-Jul-17	\$ 1,050.00
May 29, 2017 Imagine Harvey Avenue Event - Donation to Rail Trail	4-Aug-17	\$ 500.25
CHQ 116 - Creative Cuisine Catering - November 9th Event	9-Nov-17	\$ 1,009.25
CHQ 113 - Kelowna Forum - November 9th Event	9-Nov-17	\$ 262.50
Monthly Account Charges	Monthly	\$ 72.80
		\$ 6,527.44
Net Cash Flow		
Net Cash Flow January 1, 2017 to December 31, 2017		-\$ 3,161.94
Closing Balance		
Bank Account (Calculated)		\$ 10,756.48
Bank Account (Actual)		\$ 10,756.48
Cash on Hand		\$ -
Total Closing Balance		\$ 10,756.48

7. COMMUNICATIONS

7.1. 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.

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

7.2. 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 a Contact List for the Executive is maintained on this webpage. The webpage address is as follows: <http://www.citevancouver.org/interior/>

Appendix A

AGM Meeting Minutes

AGM Meeting Minutes

Thursday November 9, 2017 12:00PM

Kelowna Forum, Kelowna, BC

Attendees:

Tom Baumgartner
Ian Roth
Ellen Morrison
Gord Lovegrove
Peter Truch
Amanda Watson
James Donnelly

Nini Nytepchuck
Megan Beaulieu
Natasha Elliott
Gary Vlieg
Stephen Seargent
Avi Thiessen
Chad Williams

1. Introduction

- Ian gave an introduction highlighting the events over the past year and the new event formats held based on survey feedback from last year and more available funds.

2. Financial Report

- Ellen gave a financial report for a total closing balance of \$9,925.63.
- Ellen noted that there was a net loss from the start of 2017. While there was a net loss, the Chapter decided to spend more funds on bringing quality speakers and events to the membership, especially after having generated more than \$10,000 from hosting the CITE national conference in 2016.

3. Election

- New Executive by acclamation:
 - President: Ian Roth
 - Vice President: Tom Baumgartner
 - Treasurer: Peter Truch
 - Secretary: Ellen Morrison
 - Past President: Amanda Watson
 - Members at Large:
 - Megan Beaulieu
 - Natasha Elliott
 - Gord Lovegrove
 - Nini Nytepchuck
 - Stephen Sargeant
 - Avi Thiessen
 - Chad Williams

AGM Meeting Minutes

- o Student Representative – Eric Ma
 - New Executive sworn in by Amanda Watson
-

Adjourned at 1:00 pm

Appendix B

UBCO Student Chapter Annual Report



2017-2018 ANNUAL REPORT

University of British Columbia – Okanagan

ITE Student Chapter



OKANAGAN

Submitted by:

Zhenyuan (Eric) Ma

President | UBCO Student Chapter

Email: cite.ubco@gmail.com

zhenyuan.ma@ubc.ca

Date: March 19, 2018

Endorsed by:

Dr. Gord Lovegrove | Associate Professor

Faculty Advisor | UBCO Student Chapter

Telephone: (250) 807 8717

Email: gord.lovegrove@ubc.ca

Date: March 19, 2018

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1.0 Introduction

The Canadian Institute of Transportation Engineers (CITE) Student Chapter at the University of British Columbia Okanagan (UBCO) campus is a growing student club that is committed to promoting the principles and views of the ITE community. From 2017 to 2018, the club has organized and hosted several events to expose students to transportation engineering and planning practices. The club enjoyed the enthusiastic participation of our local professional engineers at our events, who focused on sharing and fostering their successes and experience with ITE. The club has exponentially grown in the past years with the help of the BC Interior Chapter, our academic advisors and hardworking executive team.



John Stevens showcasing CITE Student Chapter at UBCSUO Club Expo (Jan 2018)

2.0 Executives

The following were the executive members for 2017-2018 year:

John Rozema/Eric Ma	President
Andrew Halfhide/Brady Harris	Vice President
John Stevens	Treasurer
Farhad Faghihi	Secretary
Karen Reimann	Past President

3.0 Chapter Activities

3.1 Student Presentation Contest and Student Chapter AGM

On March 31, 2017, CITE UBCO hosted a Student Presentation Contest and Annual General Meeting (AGM) for the Student Chapter. The faculty advisors, Dr. Gord Lovegrove and Dr. Ahmed Idris, recommended the best presentation from the final project in each of the ENGR 421 Public Transit, ENGR 435 Transportation Systems Engineering, and ENGR 536 Transportation Planning courses. Attendees of this event were mainly second and third Civil Engineering students, who had an opportunity to understand of what the fourth year Transportation Engineering courses involve. Judges of the contest were from CITE BC Interior Chapter, and cash prizes of the contest were provided by CITE BC Interior Chapter. Winners of the contest were: Kelti MacDonald et al., Tanner Vollema et al., and Jason Willem et al.



First place winners, faculty advisors and judges

3.2 CITE Traffic Bowl

In July 2017, UBCO Student Chapter has sent out a team to the 2017 Canadian District Traffic Bowl competition in ITE International Annual Meeting in Toronto, ON. The 2017 Traffic Bowl team consists of John Rozema, Zarah Feroz, and Eric Ma. The team was coached by Karen Reimann and Abdul Masoud, the past Traffic Bowl competitors. Our participation was sponsored by ITE Canadian District and BC Interior Chapter.



UBCO Traffic Bowl team interacting with professionals at ITE conference (PC: Ian Roth)

3.3 Industry Night

On September 26, 2017, the CITE UBCO Student Chapter co-hosted an Industry Night with AREMA UBCO Student Chapter. Mrs. Monica Harwood from WSDOT gave an interactive presentation on her perspective on Transportation Engineering, what they do at WSDOT as well as the opportunity for students to win a free trip to TRB 2018. More than 8 professionals from Watt Consulting, Urban Systems, City of Kelowna, Stantec, and All North also participated the event and connected with more than 30 UBCO students. Finally, Student Chapter executives John Rozema and Eric Ma shared their experience to the 2017 Traffic Bowl and hosted a Mini-Tiny Traffic Bowl between local professionals and UBCO students. This event was sponsored by WSDOT.

3.4 Lunch with Some Engineers: Tales of City Transformation

On November 15, 2017, the CITE UBCO Student Chapter hosted “Lunch with Some Engineers: Tales of City Transformation” industry night event. Professionals Dan Ross, Danial Fung and Saavin Khurana from Bunt & Associates presented their company and projects. Students had a wonderful time interacting and chatting with the professionals. This event was sponsored by Bunt & Associates.

3.5 Mini Traffic Bowl

On February 2, 2018, the CITE UBCO Student Chapter co-hosted a Mini Traffic Bowl with AREMA UBCO Student Chapter. The goal of this event was to get students know about the ITE

Traffic Bowl and to select the talent individuals for 2018 Traffic Bowl. This event attracted 17 students from different disciplines to participate in the competition and many more as audiences. Student Chapter executives Eric Ma and John Stevens prepared the questions based on the manuals used for real Traffic Bowl.



UBCO Mini Traffic Bowl (PC: Abdul Masoud)

3.6 E-Week Spike Driving Contest

On March 9, 2018, the CITE UBCO Student Chapter co-hosted a Spike Driving Contest with AREMA UBCO Student Chapter at the railway test track on UBCO campus. This event was hosted as one of the series of Engineering Week (E-Week) events coordinated by UBCO Engineering Society. 8 members of the Chapter participated in the contest and had a fun time.



Student chapter members competing in the Spike Driving Contest.

4.0 Conclusion

The CITE UBCO Student Chapter successfully hosted student presentation contests, industry nights and mini Traffic Bowl competitions throughout the school year and intends to continue to do so by promoting the club to diverse students, especially those in the Civil Engineering. The Chapter has seen increasing interest among students in Transportation Engineering and Planning, thanks to the demanding work done by past and current executives. In the future, the Chapter will keep organizing and incentivizing innovative events related to the field of transportation engineering and planning, as well as to keep expanding connections with local industry and professionals. The Chapter is also considering collaborating with other Universities to further planning events on a larger scale in hopes of consolidating the ITE academic community.

5.0 Acknowledgements

This report is written based on 2016-2017 UBCO Student Chapter report prepared by Karen Reimann, past President of UBCO Student Chapter. We would like to thank CITE National Chapter, BC Interior Chapter, WSDOT, Bunt & Associates, UBCSUO, and UBCO Engineering Society for sponsoring our events of the year.

Appendix C

Event Poster & Workshop Results for
“Imagine Harvey Avenue: What’s Sustainability Got to Do
With It?”



MAY
29

Imagine Harvey Avenue: what's sustainability got to do with it?

by CITE BC Interior Chapter

Free



Sold Out

DETAILS

DESCRIPTION

Note: online tickets are sold out. 10 tickets are available at the door.

The [BC Interior Chapter of the Institute of Transportation Engineers](#) and the [University of British Columbia's Okanagan Campus](#) is pleased to invite you to our upcoming transportation community event "Imagine Harvey Avenue: what's sustainability got to do with it?" Join us for light food, drinks and great conversations in support of a bright future for Kelowna.

We are pleased to feature our two guest speakers Peter Van Rijn and Marc Verheijen who have travelled all the way from Rotterdam, Netherlands. Peter is a Professor of Integrated Infrastructure and Safe Systems Design at Hogeschool in Rotterdam. Marc is a member of faculty at the Delft University of Technology and is the Author of the book *Infrastructure: Infrastructure by Design, 2015*. Both Peter and Marc will share their knowledge and discuss examples of sustainable and safe infrastructure design, which will be followed by creative discussions on how the area around Harvey Avenue could transform.

Attendance is by donation, with a recommended fee of \$20 per person. Fifty percent of money will go towards the [Okanagan Rail Trail Initiative](#), and the remaining amount will go towards the event. No tax receipts will be provided. Please register once per person so we can track the number of attendees.

Note the following:

By registering for this event "Imagine Harvey Avenue: what's sustainability got to do with it?", you acknowledge and give your consent to be photographed and for photos taken at the event to be distributed by the Canadian Institute of Transportation Engineers. Also, the Canadian Institute of Transportation Engineers will retain your email address for communicating similar events to you in the future. If you register and do not want your email address retained, please email cite.bcinteriorchapter@gmail.com with your request and it will be removed from our records.

DATE AND TIME

Mon, May 29, 2017
6:30 PM – 9:00 PM PDT
[Add to Calendar](#)

LOCATION

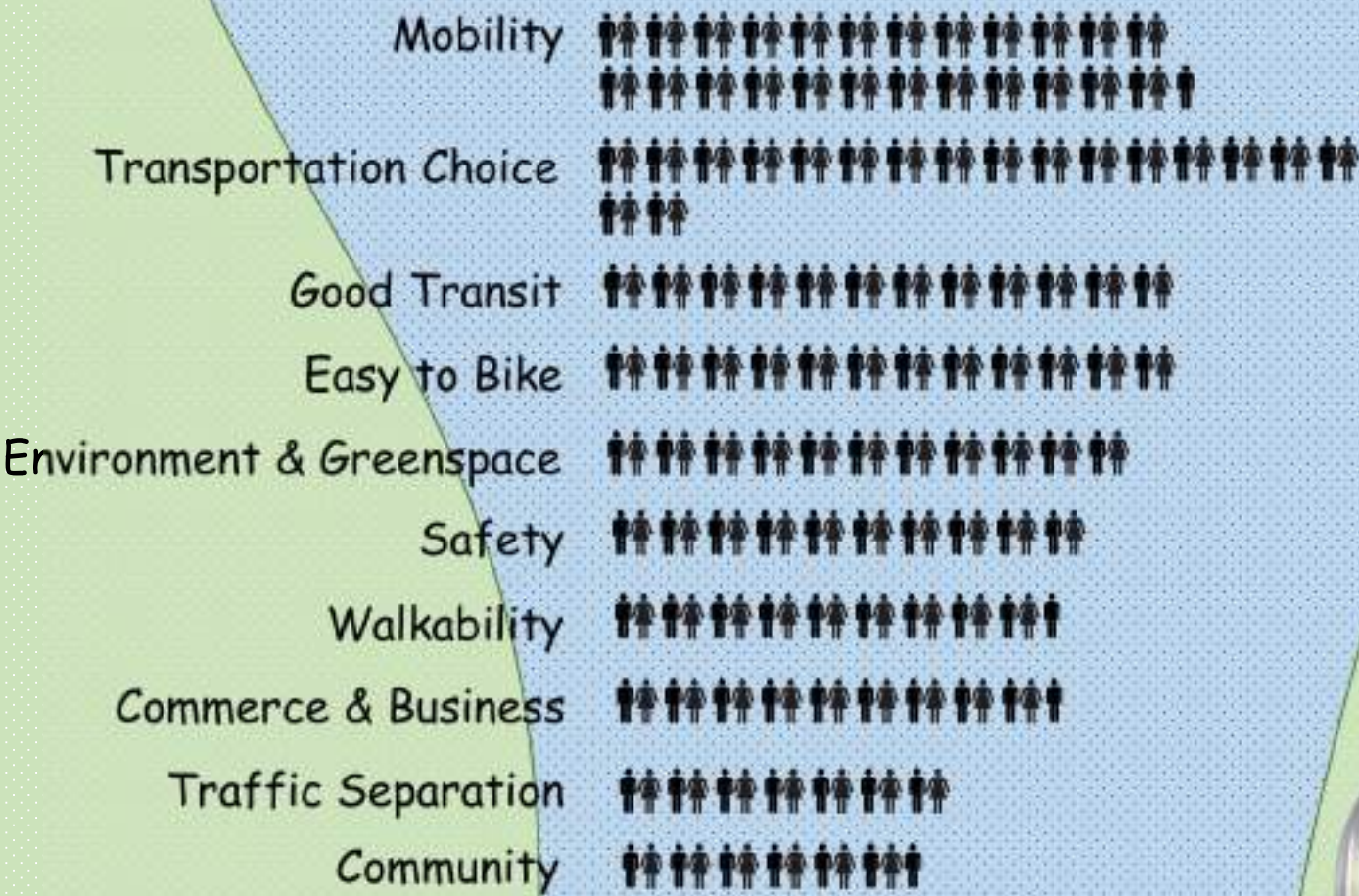
Kelowna Yacht Club
1370 Water Street
Kelowna, BC V1Y
[View Map](#)

Imagine Harvey Avenue

What's Sustainability Got To Do With It?

Describe your vision of a sustainable Harvey Avenue forty years from now.
What values do you attribute to your vision?

These were the most frequently mentioned values:

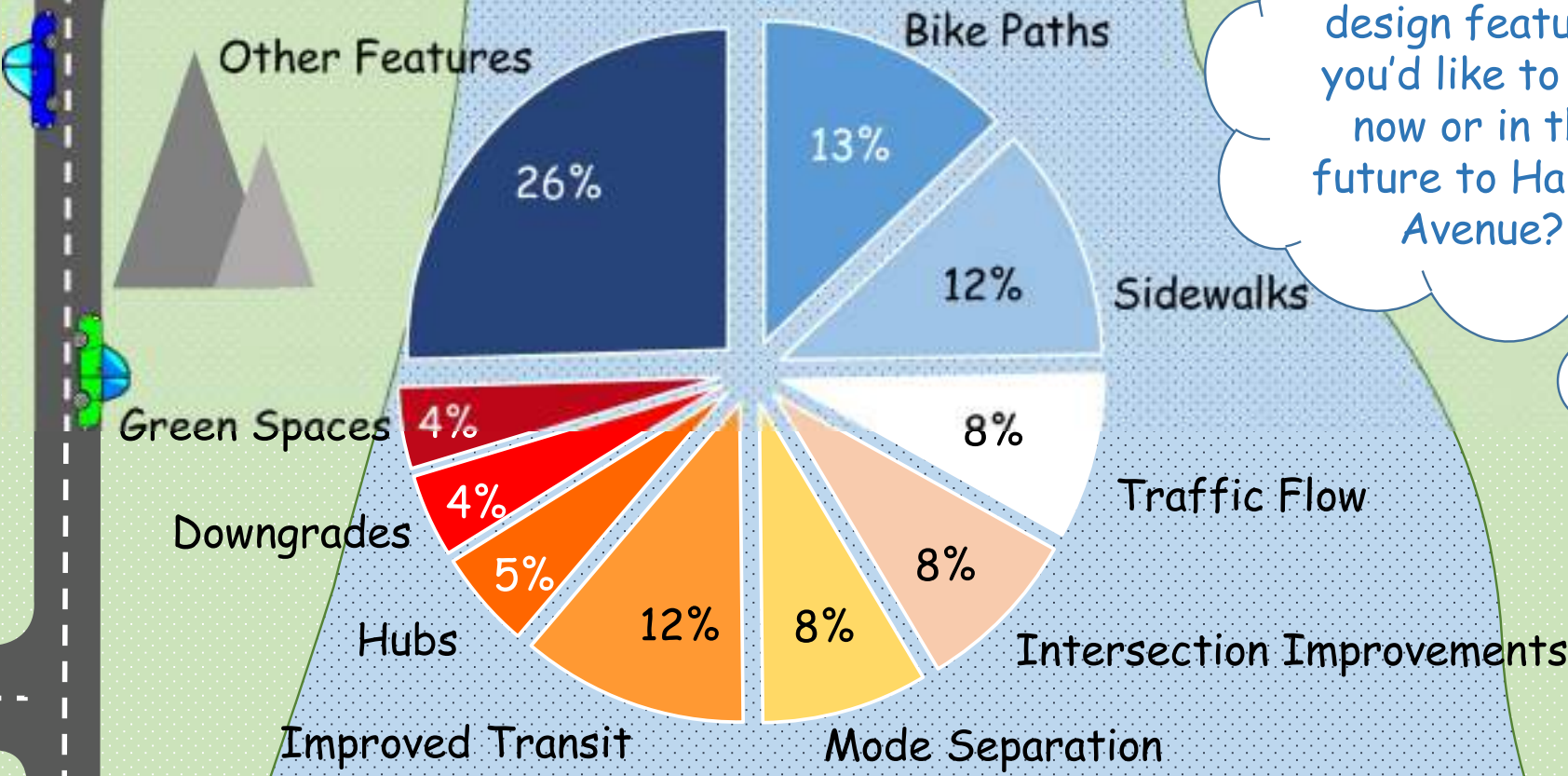


About:

On May 29th, the Canadian Institute of Transportation Engineers invited you to attend a community to community conversation about how Harvey Avenue in Kelowna could be re-imagined from the lens of sustainability.

You learned from our guest speakers about innovative design and then we asked you to share your ideas and thoughts for Harvey Avenue with respect to the following two questions.

What are the top added three design features you'd like to see now or in the future to Harvey Avenue?



Who Attended?

In total, we had 95 community members join us from all walks of life in the Okanagan! We also had representatives join the conversation from the City of Kelowna, the Ministry of Transportation and Infrastructure, UBC Okanagan, and other interested businesses and organizations.

Appendix D

Event Poster for “New Mobility: A Transportation
Revolution Fall Mini-Conference”



2017 FALL MINI-CONFERENCE

New Mobility

A Transportation Revolution

- Date:** November 9, 2017
- Place:** Kelowna Forum
1317 Ethel Street
Kelowna, BC V1Y 2X1
- Cost:** \$50 ITE Member
\$60 Non-members
\$25 Students *(taxes incl. for all)*
- Register:** Click [Here](#) to Register on Eventbrite by November 6th

For more information contact:
cite.bcinteriorchapter@gmail.com



*This event is proudly
sponsored by:*



- 9:15 AM Registration**
- 9:45 AM Introduction** - Ian Roth, President of the BC Interior Chapter
- 10:00 AM Morning Session - Exploring the Era of New Mobility**
- “Tomorrow’s Transportation Revolution: Implications for Communities”** - Jeremy Finkleman, Urban Systems
- “Edmonton’s Approach to New Transportation Technology”** - Erin Toop, City of Edmonton
- “Vancouver’s Mobility Future: “Automating” Policy Into Sustainable Results”** - Dale Bracewell and Joanna Clark, City of Vancouver
- Panel Discussion Q&A** - Moderated by Matt Worona, City of Kelowna
- 12:00 PM Lunch and CITE Annual General Meeting**
- 1:00 PM Afternoon Session**
- “Get Yer Route On: Introduction to Transit Planning”** - Tania Wegwitz, Watt Consulting Group and Matthew Boyd, BC Transit
- Join us for this fun and interactive workshop teaching transit planning best practices and how transit plans are informed by and help shape each community's land use plans, intermodal integration and overall transportation network.
- Using real life examples from the Okanagan and around B.C., we'll look at how transit systems typically evolve and the types of routes and services used for different purposes.
- 3:30 PM Wrap-up** - Tom Baumgartner, Vice President of the BC Interior Chapter