



ITE District 7 (Canada)
Manitoba Section
2018 Annual Report

March 2019

Prepared for:

Canadian Institute of Transportation Engineers



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1 INTRODUCTION

This is the annual report for the ITE Manitoba Section, covering the period from January 1, 2018 through December 31, 2018.

2 SECTION EXECUTIVE

The Executive members of the Manitoba Section in 2018 were:

- **President:** David Wiebe, P. Eng., PTOE
- **Vice President:** Jennifer Chapman, P. Eng.
- **Secretary:** Steven Florko, EIT
- **Treasurer:** Rebecca Peterniak, M.Sc., P.Eng.
- **Past President:** Björn Rådström, P. Eng.

3 SECTION MEMBERSHIP

According to the ITE membership directory as of December 31, 2018, the Manitoba Section has 70 members consisting of the following (2017 membership numbers given in brackets):

- **Regular Members:** 39 (33)
- **Student Members:** 24 (29)
- **Fellows:** 7 (8)
- **Esteemed Colleagues:** 0 (0)
- **Total:** **70 (70)**

4 FINANCIAL REPORT

The Section's 2018 financial performance was better than expected, due in large part to President David Wiebe's employer (Dillon Consulting Limited) covering his expenses for the CITE/ITE Annual Conference in Edmonton. The Escape Room Tournament fundraiser was very successful and proved to be the Section's highest grossing fundraiser of all time. Changing the luncheon venue resulted in increased profits as the cost at the new venue was lower than the previous location. Since the Section has disposable income, a value-added initiative will be planned for 2019 at a cost of \$1,500 to offer training or another opportunity to members.

Balance of Funds on hand at the Beginning of the Reporting Period:	\$7,266.26
Balance of Funds on hand at the End of the Reporting Period:	\$9,143.70

CITE Manitoba Section – 2019 Budget				
	2019 Budget	2018 Budget	2018 Actual	Notes for 2019 Budget
Revenue				
Membership Fee	\$798.00	\$774.00	\$1,277.74	Budgeted using membership numbers as of November 20, 2019. Assuming \$15 USD received from ITE per member.
Fundraiser	\$765.00	\$625.00	\$1,117.72	Projected average revenue from 2014-2018 fundraisers.
CITE Provision for Student Presentation Award	\$400.00	\$400.00	\$0.00	Assumed same as 2018.
Monthly Luncheons	\$29.62	\$135.00	\$750.01	Assumes average attendance, \$15 student rate and \$26 regular rate at Winnipeg Winter Club.
TOTAL REVENUES	\$1,992.62	\$1,934.00	\$3,145.47	
Expenses				
Website Domain Fee	\$0.00	\$90.00	\$0.00	Domain renewal fee to be paid in 2020.
Executive Meetings	\$150.00	\$150.00	\$39.74	Same as 2018.
Funding for Student Chapter	\$500.00	\$250.00	\$250.00	Use of funds to be determined collectively between Section and Chapter.
Travel Expenses for Manitoba Section Board Director	\$1,000.00	\$1,000.00	\$0.00	Assuming Manitoba Section to cover travel expenses for 2019.
Student Awards	\$525.00	\$525.00	\$0.00	Student Paper Competition - \$300 1st, \$150 2nd, \$75 3 rd
Monthly Luncheon Shortfalls	\$0.00	\$0.00	\$0.00	Projected profit from monthly luncheons, see above.
Miscellaneous	\$100.00	\$50.00	\$201.15	
TBD Value-Add for Membership (training, outreach, etc.)	\$1,500.00	\$0.00	\$0.00	Value-added initiative to be determined that will further ITE mission locally.
TOTAL EXPENSES	\$3,775.00	\$2,065.00	\$490.89	
Profit/Loss	-\$1,782.38	-\$131.00	\$2,645.58	

5 SECTION ACTIVITIES

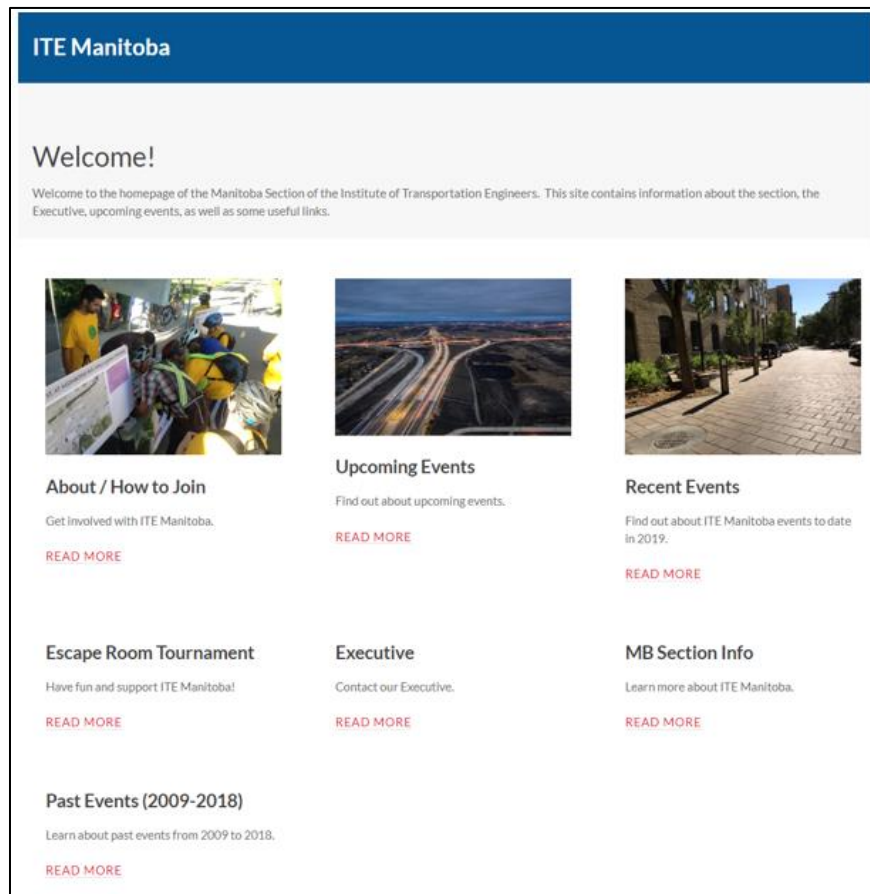
5.1 Website

The ITE Manitoba section maintains a website at <http://www.itemanitoba.ca> to keep members informed about ongoing activities throughout the year. The website contains information about the section, contacts, and notices for upcoming events.

The website also includes the Section’s (draft) charter, by-laws, annual budgets and previous Annual Reports. The website is an ideal location to provide this information to members and other visitors to the site. It also provides a means of increasing transparency in the organization.

Monthly luncheons and annual fundraiser events are posted on the CITE website at <https://www.cite7.org/eventlist/>. This ensures that Manitoba Section events are covered under the CITE website and provides another avenue for members and other interested parties to find out about Section events.

The website’s hosting platform was changed to WordPress in 2018. The look of the website was refreshed to a more modern and user-friendly format.



5.2 Section Charter and By-Laws Update

In October 2013, the Section executive completed a review and update of the existing charter and by-laws. The draft versions of both documents were submitted to the CITE District in early 2014. At the time of this report, both documents are awaiting final approval of the District. We understand that this will occur after ITE International updates District charter information after the recent re-organization (One ITE)

5.3 Monthly Lunch Meetings

The ITE Manitoba Section endeavors to hold monthly meetings where members and friends of ITE can network, enjoy a lunch together and take-in engaging, relevant transportation engineering topics. There were nine lunch meetings in 2018, with an average attendance of 33 people.

These meetings offer an excellent opportunity for all members to keep abreast of what is going on in the profession in Manitoba and beyond. Student members are strongly encouraged to attend and are charged a discounted rate. Each presenter has their lunch paid for by the Section for their generous donation of time.

In 2018, the Section changed the location of the monthly luncheons to the Winnipeg Winter Club with catering provided by Urban Prairie Cuisine. Feedback from members has been positive about the new venue. Luncheon fees were \$25 for “Members and Friends” and \$15 for students. The Section made use of CITE’s website for processing ticket sales.



Tuesday, January 16, 2018

Winnipeg Winter Club, 200 River Avenue, Winnipeg, MB R3L 0B2

Mark Doucet, P.Eng.

The speaker for January was Mark Doucet from the City of Winnipeg Public Works Department.

Mark is a transportation engineer with over 15 years of experience in both the public sector and the consulting industry. He is the Transportation Facilities Planning Engineer in the Public Works Department for the City of Winnipeg. His responsibilities include management of transportation planning studies, review of detailed facility designs including roadside safety and traffic noise assessment.

The presentation provided an overview of the 2017 Pilot Project “Angled Parking along Bannatyne Ave”.

Attendance: 34 professionals and 5 students.

Tuesday, February 13, 2018

Winnipeg Winter Club, 200 River Avenue, Winnipeg, MB R3L 0B2

Harald Larsen, P.Eng.

The speaker for February was Harald Larsen from the Traffic Engineering Branch at Manitoba Infrastructure.

After working with several consulting engineering firms in Winnipeg, Harald started working with the Department of Highways and Transportation (now Manitoba Infrastructure) as the Traffic Safety Engineer in February of 1990 dealing with speed zones, traffic collisions and a minor responsibility for roadside safety. In the mid 1990’s, Harald introduced Manitoba Infrastructure to effective roadside safety and that has become his primary role. Manitoba Infrastructure’s approach to roadside safety has since evolved into a multi-million-dollar program. Several manuals on roadside safety that Harald has written, or supervised the development of, have been implemented and are used to guide the roadside safety program for Manitoba Infrastructure. Harald has created many standard parts and system drawings specific to Manitoba Infrastructure that compliment these manuals. These standard drawings are based on current research and crash test experience following NCHRP 350 and MASH testing criteria.

Harald’s presentation provided an overview of the evolution of roadside safety in general, with a focus on how Manitoba Infrastructure has grouped its various barrier systems into: Rigid, Semirigid and Flexible systems as well as different end treatment categories.

Attendance: 36 professionals and 4 students.

Thursday, March 15, 2018

Winnipeg Winter Club, 200 River Avenue, Winnipeg, MB R3L 0B2

Garreth Rempel, P.Eng.

The presenter for March was Garreth Rempel, P. Eng., from TRAINFO and MORR Transportation Consulting.

Garreth is CEO and Co-Founder of TRAINFO. He has accumulated nearly 15 years of transportation engineering experience working in academia and the public and private sectors. This experience involved developing national engineering guidelines for topics including road safety, urban goods movement, traffic data, and pedestrian accommodation. Garreth currently serves on the Transportation Association of Canada's Board of Directors, Chairs TAC's Connected and Automated Vehicle Committee, and is a former recipient of the Canadian District ITE Rising Star Award.

Garreth's presentation focused on innovative solutions to railway crossing blockages.

Attendance: 25 professionals and 3 students.

Friday, April 27, 2018

Winnipeg Winter Club, 200 River Avenue, Winnipeg, MB R3L 0B2

Jairo Viafara, ACIP

The speaker for April was Jairo Viafara, AICP, Senior Transportation Planner at Grand Forks-East Grand Forks Metropolitan Planning Organization.

Jairo holds a Bachelor's Degree in Sociology from the Universidad Cooperativa in Bogota, Colombia, and a Master's Degree in Urban Planning from the University of Manitoba. His work involves researching, collecting and analyzing data, tracking changes in regional multimodal transportation factors, and supporting community goals of mobility, accessibility, and economic vitality. He works cooperatively with a variety of stakeholders in their quest to efficiently use existing transportation facilities and services to help achieve broader community goals, such as increasing travel choices, improving economic competitiveness, and enhancing unique community characteristics.

Jairo's presentation was titled "Roadway Improvements and Traffic Enhancements as Suggested by Safe Routes to Schools Parent's Surveys".

Attendance: 17 professionals and 4 students.

Tuesday, May 22, 2018

Winnipeg Winter Club, 200 River Avenue, Winnipeg, MB R3L 0B2

Morgan Vespa

The speaker for May was Morgan Vespa, from the City of Winnipeg's Office of Public Engagement.

Morgan's presentation was titled "How to design for communities: listen to them". Morgan discussed how technical teams and public engagement professionals can work together to design with the community's needs and community context in mind, using multiple types of knowledge to produce the best design outcome. She used the current Osborne to Downtown Walk Bike Bridge and Connections project as an example to show how the City of Winnipeg's office of public engagement was undertaking an interesting and meaningful engagement process and the importance of a coordinated team approach.

Attendance: 33 professionals and 10 students.

Wednesday, June 13, 2018

Winnipeg Winter Club, 200 River Avenue, Winnipeg, MB R3L 0B2

Jeana Manning, EIT and Dave Duncan

The speakers for June were Jeana Manning and Dave Duncan from Manitoba Infrastructure.

Jeana Manning is a transportation planning engineer-in-training at Manitoba Infrastructure. Jeana leads and supports various strategic policy/planning initiatives with MI involving active transportation, autonomous vehicles, highway classifications, road safety, regional planning, corridor planning, and vehicle weights and dimensions.

Dave Duncan holds the position of Senior Transportation Planning Engineer in the Transportation Systems Planning & Development Branch at Manitoba Infrastructure. Dave's experience includes highway construction programming, transportation financing and economics, transportation planning, transportation safety, transportation information systems, and multimodal freight transportation.

Jeana and Dave's presentation provided an overview of Manitoba Infrastructure's draft active transportation policy and planning guidelines.

Attendance: 25 professionals and 2 students.

Tuesday, September 18, 2018

Dillon Consulting Limited, 1155 Wilson Place, Winnipeg, MB R3T 0Y4

David Wiebe, P.Eng., PTOE and Adam Prokopanko, EIT, MCP

The September meeting included two phases: a presentation on the planning and design of the Waverley Underpass and a walking tour of the underpass, which was under construction at the time.

The presentation and tour were led by David Wiebe, P. Eng., PTOE, and Adam Prokopanko, EIT, MCP, both from Dillon Consulting Limited.

David is a Professional Engineer and Partner with Dillon. He has nineteen years of experience working on a variety of transportation engineering and planning projects. David was the Transportation Engineer for the preliminary design and has been the project manager for the detailed design and construction of the Waverley Underpass, leading a large interdisciplinary team.

Adam is a Planner and EIT with Dillon. He has four years of experience working on transportation and transit planning projects in Manitoba, Alberta, Ontario, and New Brunswick. Adam was responsible for active transportation design and stakeholder consultation for the Waverley Underpass.

Attendance: 15 professionals and 4 students.

Tuesday, November 13, 2018

Winnipeg Winter Club, 200 River Avenue, Winnipeg, MB R3L 0B2

Clayton Rudy, P.Eng., VMA

The speaker for November was Clayton Rudy, P.Eng., VMA, from Morrison Hershfield.

Having completed planning and design exercises on over 250 individual roundabouts and conventional intersections across Canada, Clayton has become a nationally recognized expert in roundabout engineering. This includes policy, planning, capacity and safety analysis, first-principles-based geometric design, training, and peer review of planning and design assignments. His experience spans every province, every size of project, and every project stage from functional planning to in-service operational and safety reviews. Clayton is a member of several Transportation Association of Canada (TAC) committees and researches topics related to roundabouts and road safety. In his spare time, Clayton plays bass in a rock band, volunteers with Bike Winnipeg, and is a year-round cyclist.

Clayton presented on Industry Updates on Roundabout Planning and Design.

Attendance: 23 professionals and 4 students.

Thursday, December 13, 2018

Winnipeg Winter Club, 200 River Avenue, Winnipeg, MB R3L 0B2

Jeremy Finkleman, MCIP, RPP

The speaker for December was Jeremy Finkleman from Urban Systems.

Jeremy is a transportation planner and new mobility specialist with a strong background in transportation business cases, traffic operational analysis, traffic modeling, multi-modal integrated planning studies, transit planning, and transportation impact assessments. He is pioneering a new practice area in car sharing, where he advises clients on how to best leverage new mobility applications in the pursuit of strategic goals. Over the past three years, Jeremy has spearheaded a process to develop 21st century tools to streamline transportation network assessments and planning, working in tandem with a global GPS firm to develop in-vehicle methods of operationalizing big data offerings to assess roadway delays, speeds, and traffic volumes. Additionally, Jeremy is co-leading Urban System's emerging Automated Vehicle practice.

Jeremy's presentation was titled: Tomorrow's Transportation Revolution.

Attendance: 36 professionals and 5 students



Annual Business Meeting

Following the December technical presentation, the annual business meeting was held. The budget for 2019 was presented and approved by the membership.

The next annual business meeting is scheduled for December 2019.

5.4 Escape Room Tournament

Thursday, October 18, 2018

The Real Escape Canada, 3137 Portage Avenue, Winnipeg, MB R3K 0W4

Escape Room Tournament

In October 2018, the second annual ITE Manitoba Escape Room Tournament was held at the Real Escape Canada and DJay's Restaurant in Winnipeg. Building on the success of 2017's tournament, we had more participants and more sponsorship. Seven teams, totaling 50 participants, completed puzzles and challenges to attempt to escape from their two assigned rooms in less than one hour. Competition was fierce!



Sponsors were given several options on how they would like to be recognized through website links, providing hint tokens in certain escape rooms, or social media call-outs, among others. Gold, silver, and bronze sponsors could choose different arrangements of sponsorship “perks”. This was quite well received and allowed the tournament to increase its sponsorship levels from two sponsors in 2017 to six in 2018. The tournament turned out to be the Section’s highest grossing fundraiser of all time! It has become an event to look forward to for our members and we will plan to hold it again in the future, although we are starting to run out of escape rooms!



6 STUDENT CHAPTER ACTIVITIES

The University of Manitoba is the host of the local student chapter to the ITE Manitoba Section. They continue to be one of the most active chapters in ITE, with regular participation at CITE conferences and international ITE meetings, including the Collegiate Traffic Bowls.

Full details of their activities are included on their website: <http://www.iteumanitoba.ca/>

7 SECTION AWARDS

7.1 Kean Lew Memorial Student Paper and Presentation Prize

Beginning in 2010, the Manitoba Section's annual student paper and presentation prize was renamed the Kean Lew Memorial Student Paper Prize after Mr. Kean Lew, P. Eng. a graduate of the University of Manitoba and former member of the ITE Manitoba Section. He was a friend of many of the members and tragically lost his life in 2009.

Requests for papers from students in the Civil Engineering program at the University of Manitoba are made at the beginning of the calendar year. Submitted papers are reviewed and scored by a panel of volunteer judges drawn from ITE Manitoba Section members, and the top three are invited to participate in the presentation competition. The presentations are graded by the judges and final scores are tallied. The winner is invited to present at a Section luncheon and is eligible for entry into the CITE Student Presentation Competition.

Unfortunately, no students submitted papers in 2018, and therefore, the Kean Lew Memorial Student Paper Prize was not awarded. The Manitoba Executive is working with the University of Manitoba Student Chapter Executive to encourage submissions for 2019.

8 SUMMARY

The ITE Manitoba Section Executive facilitated a full year of monthly technical luncheons with the highlight being the second annual Escape Room Tournament, which thanks to generous sponsors and excellent attendance, was the largest grossing fundraiser ever held by the Section. The luncheons are an invaluable networking and information sharing opportunity within Manitoba's transportation engineering community.

The Executive appreciates the ongoing support of ITE members with volunteering for presentations, on the Escape Room Tournament organizing committee, and with participation at other events. The Executive looks forward to continued Section health in 2019.