



MANITOBA

ITE District 7 (Canada)
Manitoba Section
2023 Annual Report

March 1, 2024

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, 2023, to December 31, 2023.

2 SECTION EXECUTIVE

The Executive members of the Manitoba Section in 2023 were:

- **President:** Rebecca Peterniak, M.Sc., P.Eng., RSP₁
- **Vice President:** Steve Wood, M.Sc., P.Eng.
- **Secretary:** Mark Hearson, MBA, M.Sc., P.Eng., RSP₁
- **Treasurer:** Karalee Klassen-Townsend, M.Sc., EIT
- **Past President:** Steven Florko, P.Eng.

3 SECTION MEMBERSHIP

As of December 31, 2023, the Manitoba Section had 97 members which is an increase of 8 members compared to 2022. The membership breakdown is as follows, with 2022 numbers shown in brackets:

- **Regular members:** 55 (46)
- **Young professionals:** 14 (19)
- **Student members:** 24 (20)
- **Fellows:** 4 (4)
- **Total:** 97 (89)

4 FINANCIAL REPORT

The Section's 2023 financial performance differed slightly from the planned budget due to a few factors:

- The Section planned for more luncheon activities with slightly higher than realized attendance.
- There was an increase in cost for Executive Meetings due to two in-person meetings occurring.
- The Section received more than expected from the ITE Canada/CARSP Conference revenue share.
- Miscellaneous expenses were higher than budgeted due to prizes for the Mock Traffic Bowl.
- Although the 2023 Budget identifies contribution from ITE Canada towards the Student Presentation Award as \$0, the 2023 provision is expected to be received in 2024.

The Section has healthy fund balance, and due to the large conference revenue share, we plan to continue to offer value-added initiatives for our members and support for the Student Chapter in the coming year. The areas of added value were determined based on a member survey, further described in Section 6.

Balance of Funds on hand at the Beginning of the Reporting Period:	\$6,363.16
Balance of Funds on hand at the End of the Reporting Period:	\$16,437.10

CITE Manitoba Section - 2024 Budget					
		<u>2023 Budget</u>	<u>2023 Actual</u>	<u>2024 Budget</u>	<u>Notes for 2024 Budget</u>
Revenue					
1	Membership Fee	\$750.00	\$750.00	\$950.00	Estimate based on existing membership, increase due to eight planners
2	Networking Event	\$500.00	\$640.22	\$300.00	Based on 2023 networking event, revenue < expenses due to subsidy
3	ITE Canada Provision for Student Presentation Award	\$0.00	\$0.00	\$0.00	Awaiting confirmation from ITE Canada on reimbursement for 2024, 2022 provision was received early in 2023, 2023 not yet received
4	ITE Canada/CARSP Conference Revenue Share	\$6,084.00	\$10,218.26	\$0.00	No conference in Winnipeg in 2024
5	Monthly Luncheon Sales	\$4,200.00	\$2,257.04	\$4,300.00	Assume 6 luncheons, slightly higher attendance than 2023
6	Workshop	\$0.00	\$0.00	\$4,500.00	Based on 2019 workshop, revenue < expenses due to subsidy
7	Miscellaneous	\$0.00	\$13.35	\$0.00	No items identified at this time
TOTAL REVENUES		\$11,534.00	\$13,878.87	10,050.00	
Expenses					
1	Website Domain Fee	\$100.00	\$48.29	\$0.00	Retiring website domain, switching to LinkedIn and ITE Canada Microsite
2	Executive Meetings	\$100.00	\$232.25	\$300.00	Increase required due to two meetings and Student Chapter representative attendance
3	Funding for Student Chapter	\$500.00	\$500.00	\$1,000.00	Discussion with Student Chapter on how additional \$500 will be used
4	Travel Expenses for Manitoba Section Board Director	\$0.00	\$0.00	\$1,000.00	Travel to 2024 Board Meeting
5	Student Awards	\$525.00	\$525.00	\$525.00	No change in allocation of prizes
6	Monthly Luncheon Expenses	\$4,800.00	\$2,745.18	\$5,00.00	Assume 6 luncheons at WWC, projector rental, and 5% increase in food cost
7	Networking Event	\$500.00	\$640.22	\$800.00	Based on 2023 networking event, expected increase in attendance, includes \$500 subsidy
8	Community Impact	\$0.00	\$0.00	\$350.00	Included based on survey results
9	Miscellaneous	\$100.00	\$135.90	\$100.00	Budgeted same as previous years
10	Workshop	\$0.00	\$0.00	\$6,000.00	Based on 2019 workshop, includes \$1500 subsidy
11	Monthly Luncheon Subsidy	\$0.00	\$0.00	\$1,500.00	Included based on survey results
TOTAL EXPENSES		\$6,625.00	\$4,826.84	\$16,575.00	
Profit/Loss		\$4,909.00	\$9,052.03	-\$6,525.00	Estimated balance of funds at end of 2024: \$10,185.10

5 SECTION ACTIVITIES


ITE Manitoba held a variety of events throughout 2023. Here is an overview of our 2023 activities, with further details to follow.


Month	Event
March	<p>Kean Lew Memorial Student Paper Competition Congratulations to Nasim Deljouyi (first place) and Tara Saeidi (second place) and thank you to all members who assisted with the competition.</p> <p>Luncheon and Technical Presentation Morgan Glasgow from the City of Winnipeg and Steven Florko from MORR Transportation Consulting Ltd. presented an overview of Winnipeg’s Emergency Vehicle Pre-Emption (EVP) Feasibility Study.</p>
May	<p>Luncheon and Mock Traffic Bowl The Manitoba Section organized a Mock Traffic Bowl competition to test the competition equipment ahead of the student competition. During this event, three teams of two competed in two rounds of jeopardy-style questions.</p>
June	<p>ITE Canada/CARSP Conference This year’s ITE Canada Annual Conference was jointly held with CARSP in Winnipeg. Many Manitoba Section members and students contributed greatly to the success of the conference – thank you all for tireless efforts!</p>
September	<p>Luncheon and Technical Presentation Nasim Deljouyi from the University of Manitoba, the first-place winner of the Kean Lew Memorial Student Paper Competition, outlined the results of a research study on reliability models for crash frequency analysis. Kerra Mruss from WSP and Chris Baker from the City of Winnipeg presented on the St. Boniface to Downtown Walk Bike Project.</p>
October	<p>Student Chapter Coordination Meeting Section executive met virtually with the Student Chapter executive to revive the professional relationship between the two groups and discuss future opportunities.</p>
November	<p>Networking Bowling Night The Manitoba Section and University of Manitoba ITE Student Chapter members co-hosted a networking event featuring food, bowling, and arcade games.</p>
December	<p>Luncheon, Technical Presentation, and Annual Business Meeting David Wiebe from Dillion Consulting and Damir Muhurdarevic from the City of Winnipeg presented an overview of the Marion Street Corridor Improvements Study.</p>


5.1 Technical Luncheons

The ITE Manitoba Section endeavors to hold bi-monthly technical luncheons, where members and friends of ITE can network, enjoy a lunch together and take in engaging, relevant transportation engineering topics. Due to the time and resource commitments of hosting the ITE Canada conference, ITE Manitoba held four luncheons in 2023. This year, all four luncheons were held at the Winnipeg Winter Club with catering provided by Urban Prairie Cuisine.

	Speakers	Topics	Attendance
March 9, 2023	Morgan Glasgow from the City of Winnipeg and Steven Florko from MORR Transportation Consulting Ltd.	Winnipeg’s Emergency Vehicle Pre-Emption (EVP) Study	Members: 22 Students: 1
	Morgan Glasgow and Steven Florko delivered a presentation on Winnipeg’s Emergency Vehicle Pre-Emption (EVP) Feasibility Study. The study quantified potential benefits and costs of a wide application of EVP in Winnipeg, including improvements in emergency response time, reduction in the number of collisions involving Winnipeg Fire Paramedic Service vehicles, costs for EVP equipment and software, and potential impacts on general traffic.		

	Speakers	Topics	Attendance
<p>May 26, 2023</p>	<p>Judges: Rebecca Peterniak, Steven Florko, Bjorn Radstrom Teams: Jamie Lacoste & Mark Vogt, Auja Ominski & Morgan Glasgow, and Greg Blatz & Keenan Patmore Emcee: Adam Budowski</p>	<p>Mock Traffic Bowl</p>	<p>Members: 16 Students: 2</p>
			<p>This meeting consisted of a Mock Traffic Bowl competition. Members of ITE Manitoba developed ten jeopardy style question sets, and a final jeopardy question. The questions featured a mix of transportation, ITE Canada, and fun non-technical content. Three teams of two competed and answers were judged by a three-person panel. A dynamic emcee and lively audience contributed towards</p>
<p>making the competition enjoyable for all. The event served an opportunity to test the competition equipment in preparation for the student competition at the 2023 ITE Canada/CARSP Conference, and additionally provided Section members with an afternoon of friendly competitive networking.</p>			

September 13, 2023	Speakers	Topics	Attendance
	<p>Nasim Deljouyi from the University of Manitoba</p> <p>Kerra Mruss from WSP and Chris Baker from the City of Winnipeg</p>	<p>Reliability models for crash frequency analysis</p> <p>St. Boniface to Downton Walk Bike Project</p>	<p>Members: 20</p> <p>Students: 1</p>
<p>This luncheon featured two presentations:</p> <p><i>Presentation 1: 2023 Student Paper Competition Winner</i></p> <p>Nasim Deljouyi presented on her paper titled Application of Reliability Models for Crash Frequency Analysis: Implications for Network-Wide Safety Performance. The presentation demonstrated the potential applications of reliability models for crash analysis of a large highway network. The findings of this research push highway authorities to introduce reliability models in the decision-making of safety investment plans.</p>  <p>This research received first prize in the <i>2023 Kean Lew Memorial Student Paper Competition</i>.</p> <p><i>Presentation 2: St. Boniface to Downtown Walk Bike Project</i></p> <p>Kerra Mruss and Chris Baker jointly presented on the St. Boniface to Downtown Walk Bike project. This project explored options to improve travel choices, accessibility, and connectivity between these two Winnipeg neighbourhoods. The presentation described the route selection and engagement process, as well as the final design, which includes protected bike lanes, neighbourhood greenways, multi-use paths, protected intersections, and special considerations for accessible loading zones, on-street parking, transit stops, and streetscaping.</p>			

December 7, 2023	Speakers	Topics	Attendance
	<p>David Wiebe from Dillon Consulting and Damir Muhurdarevic from the City of Winnipeg</p>	<p>Marion Street Corridor Improvements</p>	<p>Members: 20</p> <p>Students: 0</p>
<p>This presentation described of Winnipeg’s Marion Street Corridor Improvements Study. Portions of the route serve a dual function – both as a major city route connecting neighbourhoods and transporting people, goods and services, and also as a neighbourhood main street, serving a mix of users, and functioning as a place to live, work, and play. The presentation described the process leading to the functional design of five distinct areas within the corridor, each with unique transportation goals, land uses, and challenges.</p>  <p>The Manitoba Section’s Annual Business Meeting followed this presentation.</p>			

5.2 Networking Bowling Night

The ITE Manitoba Section and the University of Manitoba ITE Student Chapter teamed up to plan a joint networking bowling night. The event took place at Uptown Alley Bowling on November 28, 2023, and featured food, beverage, bowling, and arcade games. Bowling teams were strategically selected to allow for mingling between students and industry professionals. With an even mix of students and industry professionals in attendance, it was a great chance to get to know one another. The evening was not only fun, but it also highlighted the value of joint events. We are looking forward to future collaborations with the Student Chapter.



5.3 Annual Business Meeting

The Annual Business Meeting was held on December 7, 2023, at the Winnipeg Winter Club in conjunction with the December technical luncheon presentation. The Annual Business Meeting included several items and updates, including:

- Announcements from the ITE Canada, including sponsorship and exhibitor opportunities for the 2024 conference, online training opportunities, an upcoming webinar jointly hosted by CARSP and ITE Canada.
- Review of 2023 ITE Manitoba activities.
- In-progress initiatives including website changes, collaboration with the University of Manitoba ITE Student Chapter, and a joint virtual event organized by the four ITE Canada Prairies Sections in early 2024.
- Review of the member engagement survey results, with professional development, networking, and student chapter support identified as top priorities.
- Review of 2023 financials and the proposed budget for 2024.
- A technical presentation by David Wiebe from Dillion Consulting and Damir Muhurdarevic from the City of Winnipeg.
- An announcement of the new 2024 ITE MB Section executive, introducing Adam Budowski as the newest member of the executive.

5.4 Student Chapter Support

5.4.1 Student Chapter Liaison

During the 2023 calendar year the Section reignited the formal liaison role between the University of Manitoba Student Chapter and the Manitoba Section. While unintentional, contact and collaboration between the Student Chapter and Section had unfortunately dwindled throughout the pandemic. To revive this professional relationship, the Section executive organized a virtual meeting with the Student Chapter executive in October.

The meeting allowed both groups to learn about each other's goals and objectives, as well as identify the challenges and barriers the Student Chapter is currently facing. The discussion identified a handful of priority activities, areas for collaboration, and opportunities for the Section to support the Student Chapter in achieving their goals. A direct outcome of this meeting was the co-organization of the Networking Bowling night in November. Section and Student Chapter members worked together to plan and execute this event.

5.4.2 Student Chapter Monetary Support

In 2023, the ITE Manitoba Section provided the Student Chapter with \$500 to support their travel to the ITE International Annual Meeting in Portland, Oregon. The Manitoba Section offers students reduced registration fees to attend ITE Manitoba Section events, such as technical luncheons. The reduced registration fees are subsidized by the Section.

5.5 Website

The ITE Manitoba section previously maintained a website at <http://www.itemanitoba.com/> to keep members informed about ongoing activities throughout the year. Near the end of 2023, the Executive made the decision to retire our website domain in 2024 and switch over to an ITE Canada Microsite and LinkedIn page. This decision will improve ease of access to information about ongoing activities and will save the Section funds. Stay tuned for the completed Microsite with all the planned content in 2024!

5.6 2023 ITE Canada/CARSP Joint Conference Success

In 2020, the ITE Manitoba Section submitted a letter of intent to host an ITE Canada conference in Winnipeg. In early 2020, a Local Arrangements Committee (LAC) was formed and held its first meeting. Later in 2020, the conference bid was put on hiatus due to the COVID-19 pandemic. However, in late 2021, a new LAC was formed with two of the Manitoba Section's executive members as co-chairs, Rebecca Peterniak and Mark Hearson, and 17 other Section members as subcommittee leads and volunteers. Members of the Manitoba Section, along with representatives from CARSP, tirelessly worked through 2022 and into 2023 to plan the 2023 ITE Canada/CARSP Joint Conference, themed *Road Safety: Creating Impact Through Diversity*.

The conference took place at the RBC Convention Centre in Winnipeg, from June 4 to 7, 2023, and welcomed over 450 delegates. The conference technical program included numerous technical

presentations, panels, and workshops on a variety of transportation and road safety topics including planning, design, safety, equity, and more. The jam-packed schedule also included 11 technical tours highlighting transportation in Winnipeg, a bustling exhibitor hall, banquet dinner and awards gala at the Canadian Museum for Human Rights, and many networking opportunities including the annual street hockey game, Traffic Bowl competition, student mixer, and welcome reception.

Together, the efforts of the LAC, 14 additional Manitoba Section and student volunteers, ITE Canada and CARSP contributed to the tremendous success of the conference. The revenue sharing from this conference will be reinvested in the Section’s members in 2024 and for years to come.

ITE Manitoba would like to send a huge thank you to all members and students that worked together to make this conference so successful. It was an amazing opportunity to showcase our wonderful city.

6 MEMBER ENGAGEMENT SURVEY RESULTS

The revenue sharing from the 2023 ITE Canada/CARSP Joint Conference provided the Manitoba Section with approximately \$10,000 to support future Section activities. The Executive developed a survey to determine priority spending areas for members of the Manitoba Section.

The survey launched on November 21 and closed on November 30, and described five spending categories: students, professional development, networking, community impact, and section administration.

The survey asked members to:

1. Rank the spending categories.
2. Identify what proportion of the profit should be allocated to each spending category.
3. Pick top three favourite ideas within each spending category (plus a chance to add new ideas).

Survey results identified professional development, students, and networking opportunities as the most important spending categories. Feedback from the survey was incorporated into the 2024 budget.

7 STUDENT CHAPTER ACTIVITIES

The University of Manitoba is the host of the local student chapter to the ITE Manitoba Section. They continue to be very active within ITE, with regular participation at ITE Canada and ITE International conferences, including the Collegiate Traffic Bowls. Highlights of student chapter activities in 2023 are as follows:

- Received the ITE Canada Outstanding Student Chapter Award in 2023.
- Six in-person technical presentations.
- Presentations to Grade 7 students at École South Pointe School.
- Participation in three technical society recruitment events: Engineering Orientation, University of Manitoba’s Engineering Society Tech-Soc recruitment fair, presentation about the ITE Student Chapter to Civil Engineering students.

- Planning of one networking event at Local Public Eatery for students and local professionals, including members of the Manitoba Section.
- Participation in, planning for, and attendance at the joint networking bowling night.
- Planning the 2023 ITE Canada Student Leadership Summit, which took place at the University of Manitoba ahead of the 2023 ITE Canada/CARSP Conference.
- Many Student Chapter members attended and/or volunteered at the 2023 ITE Canada/CARSP Conference in Winnipeg.
- Three student members attended the ITE International meeting in Portland, OR.
- Some student members attended the Word Conference on Transportation Research (WCTR) in Montreal, QC.

Full details of their activities are included on their website: <http://www.iteumanitoba.ca/>, or can be found in their quarterly newsletter.

8 AWARDS AND ACHIEVEMENTS

8.1 ITE Manitoba Kean Lew Memorial Student Paper Competition

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/webinar and is eligible for entry into the CITE Student Presentation Competition.

Congratulations to Nasim Deljouyi from the University of Manitoba, who received first place! Nasim presented her winning work at our luncheon held on September 13, 2023. Congratulations to Tara Saeidi from the University of Manitoba as well, who received second place! Thank you to Steve Wood for coordinating the competition and to all of our competition judges for their time and care in assessing submissions.

8.2 ITE Canada Awards

In 2023, the ITE Manitoba Section and University of Manitoba ITE Student Chapter were both recognized for their remarkable efforts. The Section received the ITE Canada Outstanding Section Award, and the Student Chapter received the equivalent student chapter award, The ITE Canada Outstanding Student Chapter Award. It was wonderful to celebrate these achievements together at the 2023 ITE Canada Conference.

9 SUMMARY

The ITE Manitoba Section facilitated several activities in 2023 including technical luncheons, a joint networking event with the Student Chapter, the Kean Lew Memorial Student Paper Competition, the Annual Business Meeting, and the 2023 ITE Canada/CARSP Joint Conference. These events provided great opportunities for members and friends to network and share knowledge among the transportation engineering and planning communities in Manitoba and across Canada.

We thank those who volunteered their time and expertise this past year in making our activities, and the 2023 ITE Canada/CARSP Conference a great success. The Executive looks to build on the momentum gained by offering continued professional development and networking opportunities in 2024.