



ITE District 7 (Canada)
Manitoba Section
2021 Annual Report

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Prepared for:

Canadian Institute of Transportation Engineers



TABLE OF CONTENTS

	<u>Page No.</u>
1 INTRODUCTION	1
2 SECTION EXECUTIVE	1
3 SECTION MEMBERSHIP	1
4 FINANCIAL REPORT	1
5 SECTION ACTIVITIES	3
5.1 Technical Luncheons	3
5.2 Technical Webinars	4
5.3 Annual Business Meeting	6
5.4 Virtual Game Night	7
5.5 Annual Fundraiser	7
5.6 Website	8
5.7 CITE Conference Planning	8
6 STUDENT CHAPTER ACTIVITIES	8
7 AWARDS AND ACHIEVEMENTS	8
7.1 ITE Manitoba Kean Low Memorial Student Paper Competition	8
7.2 CITE Awards	9
8 SUMMARY	9

1 INTRODUCTION

This is the annual report for the ITE Manitoba Section, covering the period from January 1, 2021 to December 31, 2021.

2 SECTION EXECUTIVE

The Executive members of the Manitoba Section in 2021 were:

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

3 SECTION MEMBERSHIP

As of December 31, 2021, the Manitoba Section had 90 members which is an increase of 12 members compared to 2020. The membership breakdown is as follows, with 2020 numbers given in brackets:

- **Regular members:** 47 (46)
- **Student members:** 38 (26)
- **Fellows:** 5 (6)
- **Total:** **90 (78)**

4 FINANCIAL REPORT

The Section's 2021 financial performance differed from the planned budget due to a number of factors. First, the Section did not make a contribution to the ITE Manitoba student chapter as planned, since the Student Chapter was unable to receive the contribution without a specific use for the funds. The Section also received a generous contribution to add to the Kean Lew Memorial Student Paper award of \$500. With growth in the Section, membership fee revenue was higher than expected. After learning from the impacts of the pandemic in 2020, the Section did not allocate any budget for monthly luncheons.

Overall, the revenue was higher than expected, primarily due to the receipt of funds for the Student Paper award. Expenses were lower than expected, primarily due to no contribution to the student chapter. Since the Section still has unallocated income and a healthy fund balance, we plan to offer value-added initiatives in the coming year to provide further opportunity to members.

Balance of Funds on hand at the Beginning of the Reporting Period:	\$8,343.22
Balance of Funds on hand at the End of the Reporting Period:	\$8,990.05

CITE Manitoba Section - 2022 Budget

		<u>2021 Budget</u>	<u>2021 Actual</u>	<u>2022 Budget</u>	<u>Notes for 2022 Budget</u>
Revenue					
1	Membership Fee	\$675.00	\$803.57	\$800.00	Estimated value based on 2021 actual. Likely conservative.
2	Fun(d)raiser	\$0.00	\$0.00	\$0.00	Conservative. Potential events focused on social rather than monetary benefits.
3	CITE Provision for Student Presentation Award	\$400.00	\$400.00	\$400.00	Following up with CITE.
3b	Yuan Lew Donation	\$0.00	\$500.00	\$0.00	Not counting on 2022 donation.
4	Monthly Luncheon Revenue	\$0.00	\$0.00	\$0.00	Conservative. Hopeful for return to in-person in 2022.
5	Technical Tours	\$0.00	\$0.00	\$0.00	None planned.
6	Miscellaneous	\$0.00	\$3.65	\$0.00	Conservative.
	TOTAL REVENUES	\$1,075.00	\$1,707.22	\$1,200.00	
Expenses					
1	Website Domain Fee	\$50.00	\$44.99	\$132.00	WordPress and domain.
2	Executive Meetings	\$75.00	\$0.00	\$75.00	Hopeful for two in-person meetings.
3	Funding for Student Chapter	\$500.00	\$0.00	\$500.00	Typical ceiling, will require info from Student Chapter on intended use.
4	Travel Expenses for Manitoba Section Board Director	\$0.00	\$0.00	\$0.00	No in-person attendance, sending two delegates for Conference Bid instead.
5	Student Awards	\$525.00	\$900.00	\$525.00	Kean Lew Student Paper Competition
6	Monthly Luncheon Expenses	\$0.00	\$0.00	\$0.00	Hopeful for return to in-person in 2022.
7	TBD Value-add for Membership (training, seminar, outreach)	\$0.00	\$0.00	\$1,000.00	Hopeful for value-add event.
8	CITE Conference Bid	\$0.00	\$0.00	\$2,000.00	Maximum for two representatives. Hopeful for employer partial-coverage.
9	Miscellaneous	\$100.00	\$115.40	\$100.00	Estimate.
	TOTAL EXPENSES	\$1,250.00	\$1,060.39	\$4,332.00	
	Profit/Loss	-\$175.00	\$646.83	-\$3,132.00	

5 SECTION ACTIVITIES

ITE Manitoba held a variety of events throughout 2021. Due to COVID-19, all of our 2021 events were virtual, which consisted of quarterly webinars plus additional events as shown below. Here is an overview of our 2021 activities, with further details to follow:

Month	Event
March	<p>Networking Event</p> <p>ITE Manitoba held its first ever virtual game night in March 2021, featuring the online game <i>Geoguessr</i>.</p>
March	<p>Kean Lew Memorial Student Paper Competition</p>
April	<p>Webinar</p> <p>Kevin Sturgeon and Teresa Platt from the City of Winnipeg, and Graeme Masterton and Bob Kurylko from Stantec presented on <i>Transit Planning in Winnipeg</i>.</p>
June	<p>Webinar</p> <p>Richard Tebinka and Don McRitchie from WSP presented on the <i>Winnipeg South Perimeter Project</i>.</p> <p>Sushreeta Mishra from the University of Manitoba presented on <i>Stochastic Optimization of Semi-Flexible Transit Operations</i>. Sushreeta was the recipient of the 2021 Kean Lew Memorial Student Paper and Presentation Prize.</p>
October	<p>Webinar</p> <p>Susanne Dewey Povoledo and Morgan Glasgow from the City of Winnipeg presented on <i>Accessibility in Construction Zones</i>.</p> <p>Brian Patterson from Urban Systems and Chris Baker from the City of Winnipeg presented on the <i>Wolseley to Downtown Walk Bike Project</i>.</p>
December	<p>Webinar & Annual Business Meeting</p> <p>The 2021 Annual Business Meeting was held in December. Following this, Shawn Doyle and Auja Ominski from Dillon Consulting presented on <i>Multi-Modal Level of Service</i>.</p>

5.1 Technical Luncheons

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. Historically, these meetings have been held at the Winnipeg Winter Club with catering provided by Urban Prairie Cuisine.

Unfortunately, due to COVID-19, ITE Manitoba has placed the monthly in-person luncheons on hiatus until further notice. We look forward to returning to in-person luncheons at a future time when safe to do so, and in the meantime, we will continue to hold regular webinars and other events virtually.

5.2 Technical Webinars


Due to COVID-19, the ITE Manitoba Section was unable to hold its regular luncheon meetings in 2021, and alternatively held quarterly webinars in order to provide engaging technical content for ITE members and friends. There were four technical webinars in 2021, comprising 12 speakers total, with an average attendance of 40 people.

These webinars provide a means for ITE members and friends to view technical content from a variety of presenters on a range of relevant topics within one session. Efforts were made to organize the presentations based on themes.

These webinars were organized using the *Google Meet* platform and hosted by our Section President Steven Florko. Participants were encouraged to share questions and comments using the platform voice feature or chat feature, providing an interactive environment in the absence of an in-person event. In addition, webinars typically began with a short networking period, whereby participants were split into “rooms” for pre-webinar discussion and catching-up with each other. Members and friends of ITE attend the webinars free of charge.

Here are some details from our 2021 webinars:

	Speakers	Topic	Attendance
April 9, 2021	Kevin Sturgeon and Teresa Platt from the City of Winnipeg, Graeme Masterton and Bob Kurylko from Stantec	Transit Planning in Winnipeg	Members: 34 Students: 5
	<p>Four transportation professionals discussed aspects of transit planning in Winnipeg including the details and background of Winnipeg’s Transit Master Plan and the importance of equitable access to Transit for all citizens of Winnipeg.</p> <ul style="list-style-type: none"> • Kevin discussed the framework of the Winnipeg Transit Master Plan including data analysis, public feedback, and the focus around three key rapid transit lines. • Graeme discussed the ongoing transition of the Winnipeg transit network from a mix of multi-purpose routes to a more organized system of primary and feeder routes. • Bob demonstrated how Stantec leveraged cell phone and ridership data and community needs into the design of local and primary transit routes in Winnipeg. • Teresa reviewed the key elements of the transit travel chain and the paradigm shift of public transit services available to the citizens of Winnipeg. 		

June 24, 2021	Speakers	Topics	Attendance
	Richard Tebinka and Don McRitchie from WSP Canada Inc. and Sushreeta Mishra from the University of Manitoba	Winnipeg South Perimeter Project, and Semi-Flexible Transit Operations	Members: 37 Students: 3
<p>This webinar featured two presentations. The first presentation covered key design aspects of the Winnipeg South Perimeter project.</p> <ul style="list-style-type: none"> Richard and Don presented on the Winnipeg South Perimeter Project, which forms the south link of the perimeter highway around the City of Winnipeg. The project stems from a commitment from the Province of Manitoba to bring the highway up to freeway standards, with 22 grade separations, including interchanges, river crossings, and rail grade separations. This presentation addressed the challenges associated with this project including project constraints, and concerns and desires of stakeholders. 			
<p>The second presentation was on research in the field of public transit operations.</p> <ul style="list-style-type: none"> Sushreeta discussed research related to semi-flexible transit operations, including operational challenges relating to flexible travel demand and service reliability. The study proposes a methodology to optimize service headway, and number of requests accepted for curb-to-curb service. The research helps to support planning policies related to semi-flexible transit operations considering the interests of both operators and users of the system. With this research, Sushreeta was the winner of the <i>2021 Kean Lew Student Paper Competition</i>. 			

October 28, 2021	Speakers	Topics	Attendance
	Susanne Dewey Povoledo, Morgan Glasgow, and Chris Baker from the City of Winnipeg, Brian Patterson from Urban Systems	Accessibility in Construction Zones, and Wolseley to Downtown Walk Bike Project	Members: 53 Students: 2
<p>This webinar featured two presentations. The first presentation discussed considerations for accessibility in construction zones.</p> <ul style="list-style-type: none"> Susanne and Morgan presented on the ‘why’ and ‘how’ of accessibility in construction zones. Susanne discussed the importance of accessibility in construction zones from a legal, policy, and Equity Diversity and Inclusion standpoint. Morgan explained the ongoing developments to improve accommodation for vulnerable road users through work zones in Winnipeg. 			
<p>The second presentation covered key aspects of the Wolseley to downtown walk bike project.</p> <ul style="list-style-type: none"> Brian and Chris discussed the design process and engagement process for the Wolseley to downtown walk bike project, and the first phase of project construction in Fall 2021. 			

December 14, 2020	Speaker	Topic	Attendance
	Shawn Doyle and Auja Ominski from Dillon Consulting	Multi-Modal Level of Service	Members: 23 Students: 1
<p>This presentation was held in conjunction with the 2021 ITE Manitoba Section annual business meeting.</p> <ul style="list-style-type: none"> Shawn and Auja’s presentation was on Multi-Modal Level of Service (MMLOS). Shawn introduced Dillon’s MMLOS framework, which is an integrated system for understanding how well a street or road serves all modes of travel, and how changes to the street or road may impact performance for each mode of travel. 			

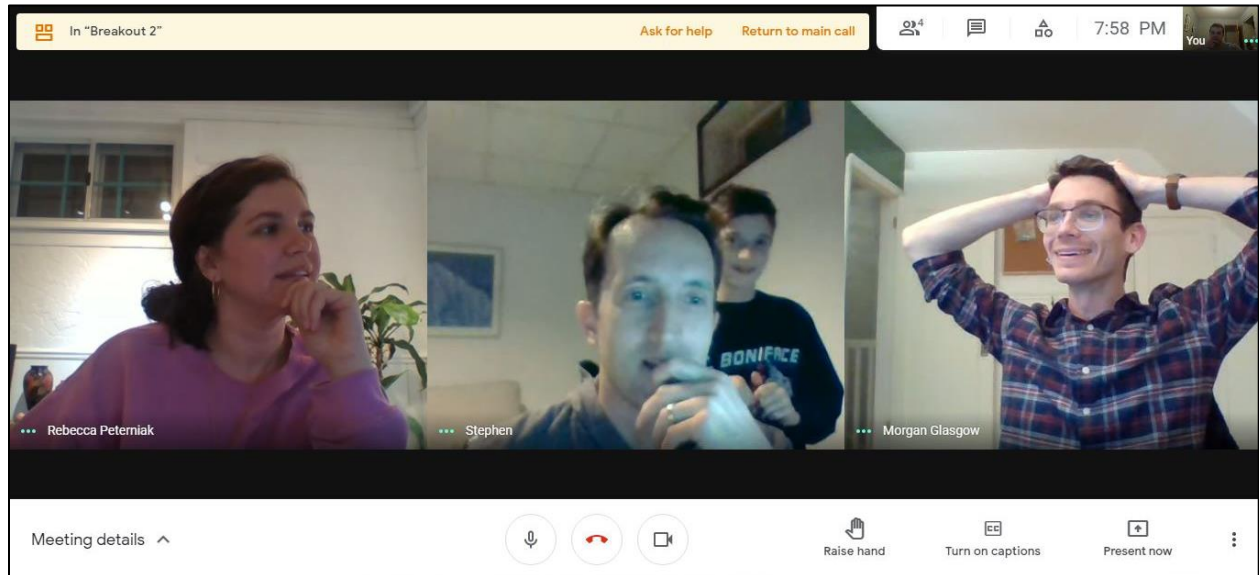
5.3 Annual Business Meeting

The Annual Business Meeting was held on December 14, 2021 through *Google Meet*, in conjunction with the 2021 December technical webinar. The Annual Business Meeting included several items and updates, including:

- Announcements from the CITE President, Julia Salvini, regarding several topics including the October workshop on Intersections for Everyone, the 2021 CITE Virtual Conference, 2022 CITE budget, and upcoming webinar series on road safety in partnership with TAC.
- Technical presentation by Shawn Doyle and Auja Ominski from Dillon Consulting.
- Review of 2021 ITE Manitoba activities.
- Summary of the *Kean Lew Memorial Student Paper Competition*.
- Review of 2021 financials and the proposed budget for 2022.
- Announcement that the 2021 ITE MB executive is acclaimed and will serve a second term in 2022.

5.4 Virtual Game Night

On March 9, ITE Manitoba hosted its first ever virtual game night. This game night featured the popular online game *Geoguessr*, the geographic discovery game where players are placed in a street-view setting and have to guess their location in the world using a limited amount of spatial cues. Some locations were easy while others were challenging, and it was a fun time for all! ITE Manitoba is hoping to host similar virtual game nights in the future.



5.5 Annual Fundraiser

Unfortunately, ITE Manitoba was unable to hold the annual fundraiser in 2021 due to limitations associated with COVID-19. Efforts were made to hold a fun in-person networking event in late summer 2021, but we were unable to go through with the event due to unforeseen circumstances. The annual fundraiser is a significant event for ITE Manitoba as it provides members and friends with a chance to gather for a day of fun activities and we have seen many successful fundraisers in past years. We hope to have a chance to resume the annual fundraiser events starting in 2022.

5.6 Website

The ITE Manitoba section maintains a website at <http://www.itemanitoba.com/> to keep members informed about ongoing activities throughout the year. The website contains information about the section, contacts, and notices for upcoming events. ITE Manitoba events are also posted on the CITE website to make use of the online registration platform.

5.7 CITE Conference Planning

In 2020, the ITE Manitoba Section submitted a letter of intent to host the 2022 CITE Conference in Winnipeg. In early 2020, a Local Arrangements Committee (LAC) was formed and held its first meeting in February 2020. Later in 2020, the conference bid was put on hiatus. However, as of late 2021, the LAC is back up and running with the intent to host the joint 2023 CITE/CARSP Conference in Winnipeg.

The December 2021 LAC meeting is considered the official kickoff for 2023 conference planning, and the meeting covered personnel roles, potential conference themes, ideas for technical tours, and other things the LAC would like to highlight about Winnipeg during the conference. ITE MB is excited about the upcoming conference and a chance to showcase our great city!

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.

Highlights of the student chapter activities in 2021 are as follows:

- Four webinars in 2021 – one in the spring and three in the fall
- Student chapter members attended two virtual ITE student leadership summits in 2021
- The student chapter gave virtual presentations on the topic of transportation engineering to three grade 7 classes at a middle school
- The student chapter held a bowling fundraiser to raise money for the Winnipeg Christmas Cheer Board

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

7 AWARDS AND ACHIEVEMENTS

7.1 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 Sushreeta Mishra from the University of Manitoba, who was the winner of the prize in 2021! Thank you to Rebecca Peterniak for coordinating the competition, and to Diana Emerson, Walter Burdz, and David Patman for serving as judges.

7.2 CITE Awards

This year, Cassidy Zrobek from the University of Manitoba was the recipient of the *John Vardon Memorial Transportation Scholarship*, awarded each year to an outstanding student in a transportation masters-level program at a Canadian university. Congratulations Cassidy!

8 SUMMARY

The ITE Manitoba Section facilitated several activities in 2021 including quarterly technical webinars, the Annual Business Meeting, our first ever virtual game night, and the Kean Lew Memorial Student Paper Competition. These events provide a great opportunity for members and friends to network and share knowledge among the Manitoba transportation engineering community.

2021 has been a challenging year and unfortunately, our usual in-person events were not possible. The Executive thanks the ITE members and friends for their support and patience as we look forward to hosting regular in-person events once again. We also thank those who volunteered their time and expertise this year in making our webinars and student paper competition a success. We look forward to continued section health and hope for a good overall year in 2022.