



ITE District 7 (Canada)
Manitoba Section
2014 Annual Report
February 2015

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, 2014 to December 31st, 2014.

2 SECTION EXECUTIVE

The Executive members of the ITE Manitoba Section for 2014 were as follows:

- **President:** Jonathan Regehr, Ph.D., P. Eng.
- **Vice-President:** Björn Rådström, P. Eng.
- **Secretary:** David Wiebe, P. Eng., PTOE.
- **Treasurer:** Jennifer Chapman, P. Eng.
- **Past President:** Cindy Desjardine, M.Sc., P. Eng.

3 SECTION MEMBERSHIP

According to the ITE membership database as of February 21, 2014, the Manitoba Section has 77 members consisting of the following:

- **Regular Members:** 34
- **Student Members:** 37
- **Fellows:** 4
- **Esteemed Colleagues:** 2

Section dues are \$10 for Members and Fellows. There is no Section fee for Students, Life, and Honorary members.

4 FINANCIAL REPORT

Financially, the Section is stable. In 2014, the Section hosted the Rural Road Safety Workshop, which was developed by the Technical Liaison Committee at CITE. This event combined with our Annual Golf Tournament helped the Section see a profit in 2014.

Balance of Funds on hand at the Beginning of the Reporting Period: \$4,657.98

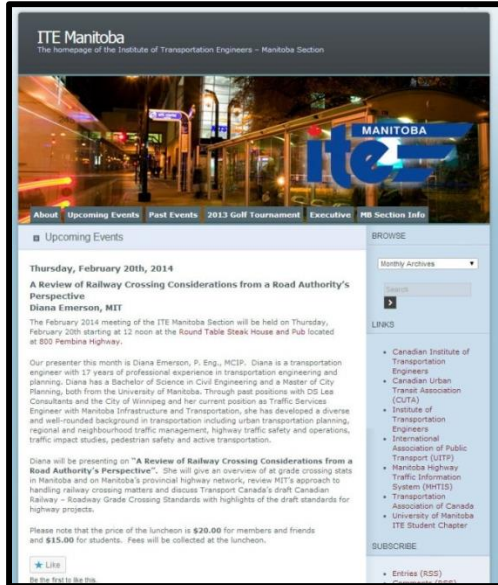
Balance of Funds on hand at the End of the Reporting Period*: \$6,247.78*

*There is an outstanding golf tournament cheque for \$480 that will bring our 2014 balance up to \$6727.78.

CITE Manitoba Section - 2015 Budget				
	2015 Budget	2014 Budget	2014 Actual	Notes
Membership				
Regular Members	34	66	66	2015 figures based on summary from ITE International
Student Members	37	21	21	
Fellows	4	9	9	
Esteemed Colleagues	2	2	2	
TOTAL Members	77	98	98	
Revenue				
Membership fee	\$370.00	\$660.00	\$257.63	2015 based on summary from ITE International & includes new young member dues (assume 75% will pay, as in 2014)
Golf Tournament	\$800.00	\$800.00	\$1,017.57	\$961.30 in 2013
Rural Roads Safety Workshop	\$0.00	-	\$1,676.89	
CITE Provision for Student Paper Award	\$400.00	\$400.00	\$400.00	
CITE Rebate	\$250.00	\$250.00	\$250.00	
TOTAL REVENUES	\$1,820.00	\$2,110.00	\$3,602.09	
Expenses				
Website domain fee	\$30.00	\$15.00	-	\$30 per two years, next payment will be 2015
Executive meetings	\$150.00	\$200.00	\$169.19	3 meetings in 2014
Donation to Student Chapter for ITE Traffic Bowl	\$250.00	\$250.00	\$0.00	funds used only if U of M team advances to Traffic Bowl Final
Travel expenses for President to Board Meeting	\$700.00	\$700.00	\$700.00	actual amount was \$823.74, but upheld budgeted amount
Student Awards	\$525.00	\$525.00	\$525.00	Student paper (\$300) + Capstone Prize (\$225)
BBQ Event	\$50.00	\$50.00	\$58.80	\$52.75 in 2013; second BBQ event held in 2014
Monthly luncheon shortfalls	\$150.00	\$75.00	\$126.40	
Miscellaneous	\$50.00	\$50.00	\$0.00	
TOTAL EXPENSES	\$1905.00	\$1,865.00	\$1,579.39	
Profit/Loss	-\$85.00	\$245.00	\$2,022.70	

5 SECTION ACTIVITIES

5.1 Website



The ITE Manitoba section maintains a website at <http://www.itemanitoba.ca> to keep our 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 our members and other visitors to the site. It also provides a means of increasing transparency in the organization.

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.

5.3 Monthly Lunch Meetings

The ITE Manitoba Section endeavors to hold monthly meetings where all of the members can network, enjoy a lunch together and take in engaging, relevant transportation engineering topics. There were seven lunch meetings in 2014.

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 receives a gift for their generous donation of time, and their lunch is paid for by the Section.

January 23, 2014

Tom Cooper

Tom Cooper, Northeast Regional Manager with Rhythm Engineering, was scheduled to speak on the topic of **“Adaptive Traffic Signal Technology”**. Unfortunately, unforeseen circumstances prevented Tom from attending and the January 2014 monthly lunch meeting was cancelled.

Thursday, February 20th, 2014

Diana Emerson, P. Eng., MCIP

Diana Emerson is a professional engineer and planner working in the role of Traffic Services Engineer with Manitoba Infrastructure and Transportation. Her presentation was entitled, **“A Review of Railway Crossing Considerations from a Road Authority’s Perspective”**. She gave an overview of at-grade crossings along Manitoba’s provincial highway network, reviewed MIT’s approach to handling railway crossing matters and discussed Transport Canada’s draft Canadian Railway – Roadway Grade Crossing Standards with highlights of the draft standards for highway projects.

Attendance: 23 professionals and 2 students.

Thursday, March 20th, 2014

David Lettner, BA, MPA, MCIP and Jake Kozier, PhD, P. Eng.

David Lettner and Jake Kozier are each Senior Transportation Planning Consultants with Manitoba Infrastructure and Transportation. They gave a presentation entitled, **“Applying Level-of-Service Concepts to Ports of Entry Performance Measurement”**. Their presentation described an innovative level-of-service (LOS) methodology used to assess whether port-of-entry infrastructure is adequate to meet projected traffic demand and facilitate economic development.

Attendance: 24 professionals and 10 students.

Thursday, April 24th, 2014

Garreth Rempel, PhD, P. Eng.

Garreth Rempel is a Principal at MORR Transportation Consulting Ltd. His presentation was entitled, **“Guiding Principles for Developing Digital and Projected Advertising Display Regulations”**. The presentation described five principles to guide professionals during the development of DPAD regulations from a road safety perspective as part of a larger study to develop national guidelines for the application and use of digital advertising signs.

Attendance: 21 professionals and 11 students.



Thursday, May 14th, 2014

Kean Lew Student Paper Prize Winner

Rebecca Peterniak, M.Sc.

Rebecca’s presentation was entitled “Evaluating Pedestrian Accessibility at Level Railroad Crossings”. Rebecca recently completed a M.Sc. in Civil Engineering at the University of Manitoba. This research identified pedestrian accessibility concerns on at-grade railroad crossings and developed a site assessment tool for practitioners to use to evaluate the accessibility performance of existing crossings. Her



study combined a literature review, jurisdictional survey, and series of site visits in Winnipeg to develop a practical tool to assess the accessibility performance of existing at-grade railroad crossings and identify concerns.

Attendance: 13 professionals and 12 students.

Thursday, October 23rd, 2014

By Lance Vigfusson, P. Eng., CIM



Lance Vigfusson is the Assistant Deputy Minister of Engineering & Operations with Manitoba Infrastructure and Transportation. His presentation, entitled “Manitoba’s Core Infrastructure Priorities – The Next Five Years”, provided insights into Manitoba’s commitment to investing in provincial

highways and bridges, flood protection, and other important municipal infrastructure.

Attendance: 26 professionals and 11 students.

Thursday, November 20th, 2014

Jenny Chaverri, M. Sc.

Jenny Chaverri is a PhD candidate and research assistant at the Transport Information Group out of the Department of Civil Engineering at the University of Manitoba. Jenny's presentation was entitled, **"Integrating Road Safety in an International Transportation Corridor Investment Plan"**. In 2002 eight countries (Mexico, Belize, Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica, and Panama) signed an international agreement to define standards for their international road network. In 2010 these countries launched, in partnership with the Inter-American Development Bank (IADB), the development of an investment plan for the International Corridor of Mesoamerica at the Pacific side. This corridor has an extension of 3,244 km traveling from Puebla - Mexico to Panama City - Panama. This presentation highlighted an example of international strategies to incorporate the Road Safety Component into the planning stage in road infrastructure in accordance with the Road Safety Decade of Action from the United Nations.

Attendance: 16 professionals and 11 students.

Thursday, December 11th, 2014

David Wiebe, P. Eng., PTOE

David Wiebe is a Professional Engineer and partner with Dillon Consulting. He is the current Secretary for the ITE Manitoba Section.

David's presentation was entitled, **"Waverley West Arterial Roads Project (WWARP)"**. The presentation provided an overview of the project in south Winnipeg from a concept in the City's Transportation Master Plan through to ultimate construction and opening.

Attendance: 22 professionals and 9 students.

Annual Business Meeting

Following the December technical presentation, the annual business meeting was held. The budget for 2015 was presented and approved by the membership.

Voting on a new slate of Executive members also took place. Cindy Desjardine left the Executive after completing her 2 year term as Past President. Ken Wimble was voted in as the new Treasurer. All other Executive members moved up in their roles, as follows:

- **President:** Björn Rådström, P. Eng.
- **Vice-President:** David Wiebe, P. Eng., PTOE
- **Secretary:** Jennifer Chapman, P. Eng
- **Past President:** Jonathan Regehr, Ph.D., P. Eng.

The next annual business meeting is scheduled for December 2015.

5.4 Special Events

Tuesday, June 10th, 2014

ITE Manitoba 2nd Annual Summer BBQ

ITE Manitoba moved outdoors for our final event before a summer break. Hosted together with the University of Manitoba ITE Student Chapter, members and their families came to St. Vital Park to enjoy the sunshine and barbecued burgers and hotdogs. Similar to last year, there was a rousing soccer game involving Student members and the children of Section members. The event was a great way to launch into the summer holiday season!



Monday, September 22nd, 2014

ITE Manitoba 5th Annual Golf Tournament

Jointly organized by the Manitoba Section and the University of Manitoba ITE Student Chapter, the 5th Annual ITE Manitoba Golf Tournament was held on September 22, 2014. The tournament was held on a beautiful fall day at the prestigious Pine Ridge Golf Club, north of Winnipeg.



The day began with brunch before teams teed off for a Texas Scramble tournament and ended with a delicious dinner and some great prizes for longest drive, longest putt, and best score. It was a great way to reacquaint after the summer holiday season. This was our most successful golf tournament to date and we hope to continue the event's success in 2015.

Tuesday, November 12th, 2014

**CITE Technical Liaison Committee and ITE Manitoba
Road Safety for Rural Road Networks Workshop**

This unique professional development opportunity was offered jointly by the ITE Manitoba Section and the Technical Liaison Committee of CITE. The full-day event was held at the University of Manitoba Smart Park. Many representatives from Manitoba Infrastructure and Transportation attended along with a number of attendees from the engineering consulting world and rural municipalities.

The day was an absolute success and ITE Manitoba looks forward to hosting similar workshops in the future.

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

The Manitoba Section gave out its annual student paper and presentation prize at the March meeting. Beginning in 2010, the award 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 the ITE Manitoba executive, and the top three are invited to participate in the presentation competition. The presentations are graded by volunteer Section members 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.

Rebecca Peterniak was the winner of the 2014 award. Rebecca completed her Master of Science degree in May 2014. She has also served extensively on the Executive of the University of Manitoba ITE Student

Chapter. Rebecca's paper/presentation was titled "Evaluating Pedestrian Accessibility at Level Railroad Crossings". Rebecca was awarded \$300 for her excellent work.

7.2 University of Manitoba Capstone Prize

As Rebecca Peterniak's project was the only entry to the Kean Lew Memorial Student Paper Competition in 2014, ITE Manitoba used some residual funds towards a prize for "Best Transportation Project" from the University of Manitoba's Capstone Project course. The course is for 4th year Civil Engineering undergraduates and entails the students working in groups as "consultants" for local clients, such as the City of Winnipeg or Province of Manitoba.

The prize of \$225 from ITE Manitoba was awarded to a group of students who submitted a project concerning the Functional Design of an Interchange of Bishop Grandin Boulevard and Waverley Street in Winnipeg. The project required a unique solution due to a variety of site constraints and traffic movement characteristics

8 SUMMARY

The ITE Manitoba Section Executive facilitated a full year of activities, anchored by our monthly technical luncheons. These luncheons are an invaluable networking and information sharing opportunity within Manitoba's transportation engineering community. The Road Safety for Rural Road Networks Workshop in November was an unbudgeted item and provided a helpful boost to our bottom line.

We appreciate the ongoing support of ITE members with volunteering for presentations, on the golf tournament organizing committee, and with participation in our events. We are looking forward to continued Section health in 2015.