

OTC PEDESTRIAN SAFETY & RISK MANAGEMENT WORKSHOP

May 31, 2019
Ivey Tangerine Leadership
Ctr.
130 King St. W
Toronto, ON

Register online at:
www.otc.org/events

Ontario Traffic Council
www.otc.org



OTC PEDESTRIAN SAFETY & RISK MANAGEMENT WORKSHOP

Ivey Tangerine Leadership Centre

Friday, May 31, 2019

While the frequency of collisions on our road network has been trending downward, the number of pedestrian collisions has been on the rise in most urban areas across the province and throughout North America. This increase is not accidental and us, as transportation practitioners, have the knowledge and ability to reverse this undesirable trend. Vulnerable road user safety must be placed at the forefront through continuous improvements to the planning, design, operations, and maintenance of our infrastructure.

The OTC is offering a comprehensive practitioner level workshop dedicated to pedestrian safety that is unique in North America. The day will begin with an overview of the state-of-the-practice in road user safety, common pedestrian safety issues, and potential contributory factors. The remainder of the course systematically walks the participants through modules on proactive safety, intersections/controlled crossings, designing to optimize accessibility, lighting and visibility, rail crossings, bridges, interchanges, among others. Each module includes case studies from actual in-service safety reviews, safety audits and/or legal cases in Ontario, and direct linkages to the Highway Safety Manual and other primary industry resources. Midday, participants will walk to two nearby intersections for a “hands on” pedestrian safety review, at locations where the facilitators have previously completed daytime and night time field reviews.

Learning Objectives

After successfully completing the workshops participants should be able to:

- Understand the state-of-the-practice in road safety engineering as it relates to pedestrian facilities and operations.
- Develop a basic network screening process to determine higher risk locations and dominant collision types experienced.
- Identify common pedestrian operational and maintenance safety concerns, and potential hazards on our facilities and networks, and select proven and low-cost countermeasures and remedial actions.
- Gain knowledge on how to design pedestrian facilities to provide accessibility for persons with disabilities.
- Review and develop policies and practices to improve pedestrian safety.
- Identify potential operational/safety issues and potential hazards of a proposed plan or design through a safety audit or preliminary risk assessment exercise.
- Locate readily available key resources related safety, design, operations, and maintenance.

Who Should Attend

This course would be of benefit for the following staff involved in transportation planning, design, and operations, as well as maintenance of roads, sidewalks, trails, and paths:

- Transportation planners;
- Transportation engineers/technologists;
- AT managers and their staff;
- Public works and road maintenance personnel; and
- Others involved in the management, operations, and maintenance of roadways, sidewalks, and other pedestrian facilities.

Russell Brownlee, M.A.Sc., FITE, P.Eng. Russell is the President of True North Safety Group, where he provides expert opinions and forensic investigations in the areas of transportation system design, operations, and maintenance, primarily related to road and rail facilities. Russell is a recognized expert in undertaking in-service safety reviews of transportation facilities. He has completed safety reviews for the Ministry of Transportation of Ontario and many of regions and major municipalities in Ontario. Most recently, Russell completed preliminary risk assessments of multi-use paths for the Region of Waterloo and the City of Ottawa that compared the safety risk associated with different design alternatives.



Russell has presented/published on the topics of pedestrian safety and led an in-service pedestrian safety review workshop at the Institute of Transportation Engineers Annual Conference in San Antonio, Texas. Russell was invited to present at OTC's 2016 Annual Meeting on the topic of Safety and Risk Management of Our Active Transportation Systems, and had an article published in Municipal World Magazine titled: *Active Transportation: Is your municipality adequately responding to this revival?*

Alex Nolet, M. Eng., P. Eng. is the Vice President of True North Safety Group, a firm dedicated to transportation safety and risk management. Alex has over ten years of experience in the transportation consulting industry where his focus has been road safety, traffic operations and collision analysis. Alex provides independent opinion to legal matters related to the design, construction, operations and maintenance of transportation facilities including intersections, interchanges, walkways/trails, and railway crossings.



Alex's project/file experience has included detailed examinations of the location, design, and operations of pedestrian crossings including PXOs and pedestrian refuge islands in a number of municipalities across Ontario. He is the Vice President of the Canadian Association of Road Safety Professionals (CARSP). He recently led a CITE committee that published a report titled "*A Review of Public Right-of-way Accessibility Experiences in Canada*". He also developed and presented an annual one-day workshop at the Association québécoise des transports (AQTr) on the safety and risk management aspects for pedestrian facilities (December 2017).

Workshop Agenda

8:30 am	Registration & Continental Breakfast
9:00 am	Introduction to Active Transportation Safety and Risks
9:15 am	Safety Analysis Methods
9:45 am	Dominant Conflict Types and Contributory Factors
10:15 am	Break
10:30 am	Planning and Designing Pedestrian Facilities for Safety
11:00 am	Intersections, Access, and Controlled Crossings
12:00 pm	Lunch
1:00 pm	Field Visit and Safety Review Application
1:45 pm	Lighting, Delineation and Visibility
2:15 pm	Accessibility and AODA
2:45 pm	Break
3:00 pm	Unique/Specific Facilities
3:20 pm	Bridges, Interchanges, Rural Areas
4:00 pm	Summary and Discussion



REGISTRATION FORM

Register online at www.otc.org/events

or

Return completed form to traffic@otc.org or fax to 647-346-4060

OTC Members: \$375 + HST Non-Members: \$425 + HST	
First Name	
Last Name	
Organization	
Position	
Business Address	
Telephone	
Email	

PAYMENT INFORMATION:

Cheques can be made payable to Ontario Traffic Council

Credit Card Payment:

**A receipt will be emailed when your payment has been processed.*

VISA/MC #	
Exp. Date	
Name on Card	