

2011 CONFERENCE & EXHIBITION
of the Transportation Association of Canada



Workshops

Wednesday, September 14
Edmonton, Alberta

2011 TAC CONFERENCE & EXHIBITION WORKSHOPS

Wednesday, September 14
Edmonton, Alberta

Note: All workshops are held from 8:30-12:00.

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| Workshop A | Build on Success |
| Workshop B | Geometric Design Considerations to Accommodate Multiple Transportation Modes and Active Transportation |
| Workshop C | Pavement Asset Design and Management Guide |
| Workshop D | Hands-on Roundabout Design |
| Workshop E | Successes in Parking Management |
| Workshop F | Canadian Capacity Guide for Signalized Intersections |

IMPORTANT NOTE

These workshops are open to all conference delegates. There is no additional registration fee. If you have not pre-registered and wish to attend a workshop, please see the volunteer at the designated table in the Shaw Conference Centre registration area during registration hours. No registrations will be processed at the door.

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Introduction

Workshops provide an opportunity for intense discussion on topics of major importance to TAC. This year, TAC is offering six workshops to registered delegates on Wednesday, September 14. Conference delegates are encouraged to participate.

The purpose of this document is to define:

1. The roles and responsibilities of the key players involved
 2. Each workshop's focus and format
 3. The process of interaction
 4. The products to be delivered
- The success of a workshop generally relies heavily on each participant's contribution to the roundtable discussion group. Please review this document thoroughly and familiarize yourself with your workshop's agenda and objectives prior to Wednesday.
 - Lists of participants will be distributed separately.

Responsibilities of Key Players and General Workshop Format

CHAIR

- Open workshop by introducing the format, key players and their respective roles.
- Preside over workshop, ensuring it proceeds on schedule.
- Prepare a summary report, if deemed useful.

INVITED SPEAKER

- Assist in introducing the workshop theme via a formal presentation.

DISCUSSION LEADER

- Chair the roundtable discussion, ensuring that questions are debated and answered in the allotted time period.
- Present a brief summary of the roundtable deliberations to all workshop delegates in a very short summation prior to the workshop's adjournment.

GENERAL FORMAT

Following the keynote speakers' presentations, participants will generally divide into roundtable discussion groups. Each group will debate a specific aspect (or several aspects) of the workshop theme based on the lists of questions contained herein. Following the discussion period, discussion leaders will provide a brief 5-10 minute report on the key points and recommendations arising out of their deliberations.

WORKSHOP A: BUILD ON SUCCESS

Time: 8:30-12:00

Location: Salon 3, Meeting Level, Shaw Conference Centre

FOCUS

This workshop will focus on the challenges of managing knowledge and ensuring knowledge transfer in the current work environment. This strategy will serve in the identification of gaps, establishment of priorities; and the development of common objectives in the field of knowledge retention; management; and knowledge sharing between organizations.

CHAIR

- *Cindy Hussey*, Director, Strategic Human Resource Management

INVITED SPEAKERS

- *Kelvin Roberts*, Consultant, Next Solutions
- *Cindy Lucas*, Manager, Division Services Office, Ministry of Transportation, Ontario
- *Klaas Godenburg*, Sustainable Design Coordinator, Stantec Consulting Ltd.
- *Jim Der*, Executive Director, Planning Branch, Alberta Ministry of Transportation

ROUNDTABLE DISCUSSION TOPICS

ROUNDTABLE SUMMARY PRESENTATIONS

CHAIR'S CLOSING REMARKS

WORKSHOP B: GEOMETRIC DESIGN CONSIDERATIONS TO ACCOMMODATE MULTIPLE TRANSPORTATION MODES AND ACTIVE TRANSPORTATION

Time: 8:30-12:00

Location: British Columbia Ballroom, Second Level, Westin Edmonton Hotel

CHAIR

Bob Koziol, Manager, Municipal Transportation, MMM Group Limited

INVITED SPEAKERS

List of invited speakers will be provided on site.

ROUNDTABLE DISCUSSION TOPICS

ROUNDTABLE SUMMARY PRESENTATIONS

CHAIR'S CLOSING REMARKS

WORKSHOP C: PAVEMENT ASSET DESIGN AND MANAGEMENT GUIDE

Time: 8:30-12:00

Location: Salon 2, Meeting Level, Shaw Conference Centre

Sponsored by Thurber Engineering Ltd.

FOCUS

The focus of this workshop is to introduce the new 2011 TAC Pavement Asset Design and Management Guide and offer presentations on its content.

CO-CHAIRS

- *Martha Juhasz*, Surfacing Standards Specialist, Alberta Transportation
- *Susan L. Tighe*, Professor and Canada Research Chair, University of Waterloo

INVITED SPEAKERS

- *Marta Juhasz*, Surfacing Standards Specialist, Alberta Transportation
- *Susan Tighe*, Professor and Canada Research Chair, University of Waterloo
- *Dave Hein*, Vice President Transportation, Applied Research Associates Inc.
- *Daryl Nixon*, Project Director, EBA Engineering Consultants Ltd.
- *Ludomir Uzarowski*, Associate, Golder Associates Ltd.
- *Harry Sturm*, Senior Associate, Stantec Consulting Ltd.
- *Donaldson MacLeod*, Consultant

ROUNDTABLE DISCUSSION TOPICS

ROUNDTABLE SUMMARY PRESENTATIONS

CO-CHAIR'S CLOSING REMARKS

WORKSHOP D: HANDS-ON ROUNDABOUT DESIGN

Time: 8:30-12:00

Location: Salon 4, Meeting Level, Shaw Conference Centre

Sponsored by Bunt & Associates Engineering Ltd.

FOCUS

The workshop will include the process of Roundabout Design broken into three components. Workshop presenters will discuss their particular methodologies for completing the various components through brief presentations; participants will be performing the design tasks hands-on.

CHAIR

- *Keith Boddy*, Senior Highway Design Engineer, Nova Scotia Department of Transportation

INVITED SPEAKERS

- *Phil Weber*, Project Manager, Ourston Roundabout Engineering
- *Eric Peissel*, Director, Transportation Planning and Traffic, Genivar
- *Kari Sinnema*, Highway Design Engineer, EBA Consulting Engineers Ltd.
- *Mike Hutt*, Software Business Manager Transportation, TRL

ROUNDTABLE DISCUSSION TOPICS

ROUNDTABLE SUMMARY PRESENTATIONS

CHAIR'S CLOSING REMARKS

WORKSHOP E: SUCCESSES IN PARKING MANAGEMENT

Time: 8:30-12:00

Location: Salon 9, Meeting Level, Shaw Conference Centre

FOCUS

Participants will discuss successes in parking management and the challenges that exist in balancing the demand for parking with the other issues that impact the community. Ample opportunities will be provided for audience discussion and input through breakout sessions and targeted questions.

The session agenda is as follows:

1. Opening Remarks
2. Parking Management from a Municipal Parking Authorities' Perspective
3. Management Issues and Solutions in the University Environment
4. General Discussion of Parking Management from a Parking Consultant's Perspective

CHAIR

- *Richard Tebinka*, Regional Manager, Transportation, MMM Group Limited

INVITED SPEAKERS

- *David Hill*, Associate, MMM Group Limited
- *Louis Letiecq*, Associate Director, Parking, University of Calgary
- *Ralph Bond*, BA, Senior Vice President, BA Consulting Group Ltd.

ROUNDTABLE DISCUSSION TOPICS

ROUNDTABLE SUMMARY PRESENTATIONS

CHAIR'S CLOSING REMARKS

WORKSHOP F: CANADIAN CAPACITY GUIDE FOR SIGNALIZED INTERSECTIONS

Time: 8:30-12:00

Location: Salon 11, Meeting Level, Shaw Conference Centre

FOCUS

This workshop will provide detailed instruction in intersection capacity analysis procedures, using a real-world example together with application of the new InterCale software which replicates the Canadian Capacity Guide. Attendees will develop a detailed understanding of how to accurately model operations at signalized intersections, addressing key elements such as signal phasing and timing.

CHAIR

- *Jim Gough*, Senior Project Manager, Partner, MMM Group Limited

INVITED SPEAKERS

- *Dan Havercroft*, P. Eng. PTOE, BAsC Civil Engineering
- *Paul Sarjeant*, M.A.Sc., P. Eng., Transportation Engineer, BA Consulting

ROUNDTABLE DISCUSSION TOPICS

ROUNDTABLE SUMMARY PRESENTATIONS

CHAIR'S CLOSING REMARKS