



ADVANCED TRANSPORTATION IMPACT STUDY WORKSHOP

ONTARIO TRAFFIC CONFERENCE



Holiday Inn Burlington Conference Centre

March 10, 2010 - 8:30am—4:00pm

**3063 South Service Road, Burlington
(QEW exit at Guelph Line)**

Workshop Overview

The OTC is offering a full-day of intensive advanced level TIS training, led by expert instructors.

This course is an opportunity to exchange knowledge and ideas with your transportation colleagues from across Ontario in solving interactive TIS scenarios.

The advanced TIS workshop is designed to be of benefit to people with some experience reviewing TIS documents. The course is designed for municipal staff reviewing TIS materials and consultants who make recommendations.

Workshop Components

Basic Overview of TIS

- Need and Purpose
- Issues Addressed in TIS
- Study Timing and Review Process

Initiating a TIS (Quick Review)

- Guidelines for Studies
- When to Initiate?
- Study Area

Context and Framework

- Existing Conditions
- Selection of Horizon Year
- Phasing
- Peak Traffic Hours
- Background Study Area Data
- Review of Adjacent Development
- Field Reconnaissance and Data Collection

Non-site Traffic Forecast

- Components of Background Traffic
- Methodology
- Multi-modal aspects

Site traffic generation

- Sources
- Selection of Trip rates or equations
- Estimation of Trips Generated

Site Traffic Distribution and Assignment

- Distribution Methods
- Trip Assignment

Analysis

- Identification of Impacts, Needs and Common Deficiencies
- Traffic Analysis
- LOS – Intersection Capacity
- LOS – Road segment analysis
- Network simulation tools
- Multi-modal Analysis
- Multi-modal tradeoffs

Trip Reduction and TDM

- Applicability and Effectiveness
- Estimation of Effectiveness
- Safety
- Safety Impact Study
- Mitigation Alternatives

Site Access and Off-Site Improvements

- Goals and Recommendations
- Principles of Access Management
- Access Design Objectives
- Program Improvements
- Improvement Implementation Schedule

On-site Planning and Parking Principles

- Approach to Site planning
- On-site planning principles

Report (Quick Review)

- Purpose and End Uses
- Presentation
- Technical Completeness Checklist
- Sample ToC
- Suggested Figures and Tables

Workshop Facilitators

Brian Malone and Brian Applebee, CIMA+

Note: There is no pre-requisite for the course. You did not need to attend the OTC's introduction course last year to attend this course.

Transportation Impact Study Workshop

Members: \$259 + 5% GST

Non-members: \$299 + 5% GST

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REGISTRATION FORM:

Register me for: \$259+GST (OTC member) \$299+GST (non-OTC member)

Name _____ Title _____

Organization _____

Address _____ City _____ Postal Code _____

Phone _____ Fax _____ E-mail _____

Method of payment: Please invoice me Please charge my Visa card
(circle one)

Card number _____ Expiry date _____ Name on card _____

Try clicking the one-touch button to send your form automatically.
You can also fax your registration form to 647-346-4060 or e-mail info@otc.org
Online registrations accepted at <http://www.otc.org>
Have a question? Call the OTC office at 647-346-4050.



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