May I introduce myself?

PTV VISSIM 6

Meet VISSIM 6.0 at booth #301

Be one of the first to see how the world’s leading multi-modal microsimulation software just got better with release 6.0.

www.ptv-vision.com/vissim
TABLE OF CONTENTS

Welcome................................................................. 4
About ITE .............................................................. 4
Acknowledgments................................................ 5
Sponsors .................................................................. 6
Annual Meeting Business Agenda ......................... 6
Meeting Highlights ............................................... 7
General Information ................................................ 7
Registration and Exhibit Hours .............................. 7
Local Arrangements Committee ............................ 9
Social Functions ..................................................... 10
Council and Committee Meetings ....................... 11
Annual Meeting Events ......................................... 11
Professional Development Hours ......................... 13
Workshops ............................................................. 13
Speakers and Presiders .......................................... 15
Technical Program Diagram ................................. 16
Technical Program ................................................ 17
2013 Award Recipients ......................................... Insert
Technical Tours ..................................................... 27
Guest Tours ......................................................... 29
Convention Center and Hotel Floor Plans ............. 30
Transportation Products and Services Exhibit ........ 32
Exhibit Hall Floor Plan .......................................... 32
Exhibitors Descriptions ........................................ 34

AD INDEX

OTISS ................................................................. 31
   www.otisstraffic.com

PTV-Vissim .......................................................... 2
   www.ptv-vision.com/vissim

PTV Group ............................................................ 31
   Vision-traffic.ptvgroup.com

Smart Signal Technologies, Inc. ............................ 41
   www.smartsignaltech.com

SIDRA Solutions .................................................. 44
   SIDRASolutions.com/store
Welcome to Boston!

Each year the ITE Annual Meeting and Exhibit provides a strong foundation for supporting innovation and creativity in the profession. Great effort has been put into making this meeting technically relevant and engaging for all.

We will participate in thought-provoking collaborative sessions and practical application workshops that will enhance our technical and professional skillsets. The program reimagines traditional networking by providing more opportunities for peer-to-peer engagement to help us absorb, reflect, and expand upon different ideas and solutions. The changed format for the technical tours uses the Greater Boston area as a learning lab for our peers and guests to experience the role we as transportation professionals play in working in partnerships to create vibrant, livable, multimodal metropolitan areas.

Use this meeting. Take back to your agency or consulting firm insights on emerging issues, state-of-the-practice tools and resources, as well as innovative ideas and new business opportunities.

I would also like to thank ITE staff and the local arrangements committee for their time and effort in hosting this meeting.

Together we are the best!

ABOUT ITE
The Institute of Transportation Engineers is an international educational and scientific association of transportation professionals who are responsible for meeting mobility and safety needs. ITE facilitates the application of technology and scientific principles to research, planning, functional design, implementation, operation, policy development, and management for any mode of ground transportation. Through its products and services, ITE promotes professional development of its members, supports and encourages education, stimulates research, develops public awareness programs, and serves as a conduit for the exchange of professional information.

Founded in 1930, ITE is a community of transportation professionals including, but not limited to transportation engineers, transportation planners, consultants, educators, and researchers. Through meetings, seminars, publications, and a network of nearly 17,000 members, working in more than 90 countries, ITE is your source for expertise, knowledge, and ideas.
The Institute of Transportation Engineers (ITE) is grateful to its many members and their employers and families for the success of the ITE 2013 Annual Meeting and Exhibit. Specifically, ITE wishes to thank:

- 2013 Local Arrangements Committee members for their efforts in developing and staffing technical tours and social events.
- ITE councils, committees, and task forces for their sponsorship and development of sessions.
- City of Boston and City of Cambridge.
- MassDOT Highway Operations Center; The Massachusetts Bay Transportation Authority Operations Control Center; and Emerald Necklace Conservancy.
- Northeastern District, Metropolitan Section of New York/New Jersey, New England Section, and New York Upstate Section.

Our sponsors:

- The Northeastern District, New England Section, Metropolitan Section of NY and NJ, and New York Upstate Section for the Beantown Beach Party Décor, Spouse Hospitality Room, Student Hospitality Room, and the Public Agency Scholarships.
- VHB Vanasse Hangen Brustlin, Inc. for the Opening Session.
- PTV Vistro for the lanyards and PTV Group for the delegate bags.
- Beta Group, Inc. for the Traffic Bowl Staging.
- Stantec Consulting for the Monday afternoon networking break, Tuesday morning networking break, and Let’s Get Around: Massachusetts Traffic Circles technical tour, the Boston/Cambridge Complete Street Bus Tour, and for the water bottle koozies.
- Kimley Horn and Associates, Inc. for the delegate badges.
- SMART Signal Technologies, Inc. for the Emerald Necklace Bike Tour.
ITE ANNUAL BUSINESS MEETING AGENDA

I. Call to Order
II. Tribute to deceased members
III. Appointment of the Parliamentarian
IV. International President’s Report
V. International Vice President’s Report
VI. Report of the Transportation Professional Certification Board Inc.
VII. Proposed Constitutional Amendments
VIII. Issues for discussion (provided by attendees)
IX. Other Business
X. Results of the Ballot for 2014 International Officers
XI. International President-Elect’s Message
XII. International Vice President-Elect’s message
XIII. Closing remarks
XIV. Announcements
MEETING HIGHLIGHTS

Transportation Products and Services Exhibit
Monday, August 5 / 9:30 a.m.–4:30 p.m.
Tuesday, August 6 / 9:30 a.m.–2:30 p.m.
Hall A, John B. Hynes Veterans Memorial Convention Center

ITE Resource Center
Monday, August 5 / 9:30 a.m.–4:30 p.m.
Tuesday, August 6 / 9:30 a.m.–2:30 p.m.
Hall A, John B. Hynes Veterans Memorial Convention Center

Annual Business Meeting
Sunday, August 4 / 4:15 p.m.–5:45 p.m.
Commonwealth Ballroom, Sheraton Boston Hotel

Opening Session
Monday, August 5 / 8:00 a.m.–9:30 a.m.
Room 302/304, John B. Hynes Veterans Memorial Convention Center

Beantown Beach Party
Monday, August 5 / 7:00 p.m.–9:00 p.m.
Constitution Ballroom, Sheraton Boston Hotel

International Collegiate Traffic Bowl Reception and Competition
Tuesday, August 6 / 7:00 p.m.–10:00 p.m.
Constitution Ballroom, Sheraton Boston Hotel

Awards Lunch
Wednesday, August 7 / 12:00 p.m.–2:00 p.m.
Constitution Ballroom, Sheraton Boston Hotel

GENERAL INFORMATION

EXHIBIT HOURS
MONDAY, AUGUST 5
9:30 a.m.–4:30 p.m.
Kickoff and Networking Break
9:30 a.m.–10:30 a.m.
Lunch in Hall
12:00 p.m.–1:30 p.m.
Networking Break
3:00 p.m.–4:00 p.m.

TUESDAY, AUGUST 6
9:30 a.m.–2:30 p.m.
Networking Break
9:30 a.m.–10:30 a.m.
Lunch in Hall
12:00 p.m.–2:00 p.m.

REGISTRATION HOURS
The ITE meeting registration desk is located in the Hall A Foyer of the John B. Hynes Veterans Memorial Convention Center. Registration is open during the following hours:

SATURDAY, AUGUST 3
2:00 p.m.–5:00 p.m.

SUNDAY, AUGUST 4
8:00 a.m.–5:00 p.m.
Closed for lunch
11:30 a.m.–12:30 p.m.

MONDAY, AUGUST 5
7:30 a.m.–5:30 p.m.
Closed for lunch
11:30 a.m.–12:30 p.m.

TUESDAY, AUGUST 6
7:30 a.m.–5:30 p.m.
Closed for lunch
11:30 a.m.–12:30 p.m.

WEDNESDAY, AUGUST 7
(registration desk will be located in the 1st floor technical session hallway)
7:30 a.m.–2:30 p.m.
### WHAT THE REGISTRATION FEES COVER

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<th>Registration Category</th>
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**Accompanying Person:** Name badge only. Tickets for tours and social functions must be purchased separately. If registering for Wednesday, please note that the exhibit closes on Tuesday. Access to the online compendium of technical papers is available; the link is posted on the ITE homepage.

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**YOUNG PROFESSIONALS IN TRANSPORTATION (YPT) NETWORKING EVENT**

**Sunday, August 4 / 6:00 p.m.–8:00 p.m.**

*Dillon’s*

*955 Boylston Street*

*Boston, MA*

Cash bar. All are welcome.

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**PROXIM WIRELESS NETWORKING SOCIAL**

**Monday, August 5 / 6:00 p.m.–7:00 p.m.**

*Back Bay D Room, Sheraton*

*Hosted by Proxim Wireless*

Mingle, listen, and share your experience at our networking social. Exchange ideas with your peers and hear about trends and the impact of wireless networks on intelligent transportation systems (ITS). Along with our strategic partners, Temple and Winncom, we will be bringing you a demonstration of our proven ITS wireless solutions designed to support a broad range of ITS applications including traffic signals, digital signs, electronic toll collection, and speed sensors.
TICKET REFUND POLICY
Tickets for individual events are sold on a space-available basis and may be purchased at the registration desk until noon on the day before the event. No refunds are issued for unused tickets, whether purchased as part of a registration package or separately.

PAYMENT INFORMATION
On-site registration and event fees may be paid by cash, check (for the exact amount only), or credit card (American Express, MasterCard, or Visa). Make checks payable to the Institute of Transportation Engineers. ITE does not accept Discover card.

SPEAKERS
Speakers should meet in their session room 30 minutes prior to the start of their session. This gives presenters an opportunity to meet, exchange information, and be briefed on logistics.

ITE RESOURCE CENTER
Stop by the ITE booth in Exhibit Hall A of the John B. Hynes Veterans Memorial Convention Center to talk with ITE staff about the ITE Community, social networking, and new ITE initiatives or to purchase a publication. If you haven’t set up your profile yet, you can get help and pointers on how to use these sites to get the most out of your membership. Staff at the registration desk can help you with your membership- and dues-related questions, address changes, or questions about certification, Web seminars, or any other ITE-related inquiries.

The views and opinions expressed by meeting participants are those of the participants and do not reflect official ITE policy unless so stated.

AUDIOVISUAL
Each technical session has one LCD projector (to connect to a speaker’s personal laptop) and one screen.

CELL PHONES
Please be courteous to fellow meeting attendees by turning all cell phones to vibrate before entering sessions or conferences.

ATTIRE
Participants are encouraged to wear business casual attire.

RESTRICTIONS
Videotaping or audio recording of sessions or technical exhibits as well as the unauthorized sale of ITE-copyrighted material is prohibited.

CONSENT TO USE OF PHOTOGRAPHIC IMAGES
Registration and attendance at, or participation in, ITE meetings and other activities constitutes an agreement by the registrant to ITE’s use and distribution of the registrant or attendee’s image or voice in photographs, videotapes, electronic reproductions, and audiotapes of such events and activities.

BADGES
Registration name badges must be visible for entrance to technical sessions and the exhibit.

2014 ANNUAL MEETING AND EXHIBIT INFORMATION
Plans are underway for the ITE 2014 Annual Meeting and Exhibit. Stop by the ITE Resource Center in the exhibit hall for more information on Seattle, WA, USA.

LOCAL ARRANGEMENTS COMMITTEE

Chair
Kenneth J. Petraglia
Vice President
Beta Group Inc.

Co-Chair
Rodney C. Emery
Manager Transportation Group
Jacobs Engineering Group

Co-Chair
John J. Kennedy
Senior Principal
Vanasse Hangen Brustlin Inc.
SOCIAL FUNCTIONS

BEANTOWN BEACH PARTY (ticket required)

Monday, August 5 / 7:00 p.m.–9:00 p.m.
Constitution Ballroom, Sheraton Boston Hotel

Who needs the surf when you can rock-and-lobstah-roll to great music at ITE’s Beantown Beach Party! Do “the swim” to feel-good beach tunes while munching on classic Boston summer fare—lobster rolls, crab cakes, scallops, New England clam chowdah, baked beans, and more. Grab your beach blanket and get ready for a wicked-awesome time in BeanTown!

Cost: $95, if not included in registration category.

INTERNATIONAL COLLEGIATE TRAFFIC BOWL RECEPTION AND COMPETITION (ticket required)

Tuesday, August 6 / 7:00 p.m.–10:00 p.m.
Constitution Ballroom, Sheraton Boston Hotel

Join in the fun! Come out and root for your favorite college bowl team at the Intercollegiate Traffic Bowl Grand Championship! The Traffic Bowl is a Jeopardy-style competition for ITE student chapters designed to test students’ knowledge of transportation planning and engineering topics. ITE student chapters across the United States and Canada are competing in district traffic bowls to qualify for the 2013 Collegiate Grand Championship. Go team!

Cost: $30 for reception, if not included in registration category.

AWARDS LUNCHEON (ticket required)

Wednesday, August 7 / 12:00 p.m.–2:00 p.m.
Constitution Ballroom, Sheraton Boston Hotel

ITE is honored to recognize outstanding achievements and distinguished individual service at the 2013 Awards Lunch. Join the festivities and be inspired as we showcase award-winning solutions to every day transportation challenges.

Cost: $65, if not included in registration category.
ANNUAL MEETING EVENTS

This list is current as of July 19, 2013. The council/committee meetings and seminars on Sunday are at the Sheraton Boston Hotel (Sheraton). Starting Monday, the technical sessions and council/committee meetings are at the John B. Hynes Veterans Memorial Convention Center (Hynes). Room locations are subject to change without notice.

All council and committee meetings are open to everyone unless otherwise noted (e.g., by invitation only).

SATURDAY, AUGUST 3

Registration
Hall A Foyer, Hynes
2:00 p.m.–5:00 p.m.

SUNDAY, AUGUST 4

Registration
Hall A Foyer, Hynes
8:00 a.m.–5:00 p.m.

Complete Streets Design Implementation for Professionals Seminar*
Gardner Room, Sheraton
8:30 a.m.–12:00 p.m.

Boston Duck Tour*
Sheraton Lobby
10:00 a.m.–11:30 a.m.

Freedom Trail Walking Tour*
Sheraton Lobby
12:00 p.m.–5:00 p.m.

Integrated Corridor Management (ICM): Improved Operations through Decision Support Systems Seminar*
Gardner Room, Sheraton
1:00 p.m.–4:30 p.m.

MONDAY, AUGUST 5

Registration
Hall A Foyer, Hynes
7:30 a.m.–5:30 p.m.

Technical Sessions
8:00 a.m.–6:00 p.m.

Spouse Hospitality
Clarendon Room, Sheraton
9:30 a.m.–6:00 p.m.

Student Hospitality
305, Hynes
9:30 a.m.–6:00 p.m.

Exhibit Open
9:30 a.m.–4:30 p.m.

Transportation Consultants Council
Fairfax B, Sheraton
1:00 p.m.–2:30 p.m.

Transportation Planning Council
Fairfax B, Sheraton
2:30 p.m.–4:00 p.m.

Transportation Safety Council
Fairfax A, Sheraton
2:30 p.m.–4:00 p.m.

Annual Business Meeting
Commonwealth Ballroom, Sheraton
4:15 p.m.–5:45 p.m.

Beantown Beach Party
Constitution Ballroom, Sheraton
7:00 p.m.–9:00 p.m.

COUNCIL/COMMITTEE MEETINGS

Coordinating Council
Fairfax A, Sheraton
8:00 a.m.–11:00 a.m.

SCORP
Fairfax A, Sheraton
11:00 a.m.–12:00 p.m.

Sustainability Task Force and Sustainable Transportation Current Practices Committee
Fairfax B, Sheraton
11:00 a.m.–12:30 p.m.

Public Agency Council
Fairfax A, Sheraton
1:00 p.m.–2:30 p.m.

Transportation Consultants Council
Fairfax B, Sheraton
1:00 p.m.–2:30 p.m.

Transportation Planning Council
Fairfax B, Sheraton
2:30 p.m.–4:00 p.m.

Transportation Safety Council
Fairfax A, Sheraton
2:30 p.m.–4:00 p.m.

Annual Business Meeting
Commonwealth Ballroom, Sheraton
4:15 p.m.–5:45 p.m.

TRB Roundabouts Committee
110, Hynes
10:30 a.m.–12:00 p.m.

Intelligent Traffic Signal Operations Committee
110, Hynes
1:30 p.m.–3:00 p.m.

Nominating Committee
303, Hynes
1:30 p.m.–3:00 p.m.

Parking Council
108, Hynes
1:30 p.m.–3:00 p.m.

Traffic Engineering Council Roundabout Committee
107, Hynes
1:30 p.m.–3:00 p.m.

Joint Rail Grade Crossing Committee
AECOM Office
66 Long Wharf, Second Floor
Boston, MA
Conference call in number:
1-866-203-6896; 8734-911#
3:30 p.m.–5:00 p.m.

* = separate fee/registration required
ANNUAL MEETING EVENTS

Elected Leadership Forum/District & Section Administrators
110, Hynes
4:00 p.m.–6:00 p.m.

Emergency Transportation Operations/Traffic Incident Management Committee
107, Hynes
4:00 p.m.–5:30 p.m.

Parking Council Transit Oriented Development (TOD) Subcommittee
108, Hynes
4:00 p.m.–5:30 p.m.

Parking Council Transit Oriented Development (TOO) Committee
108, Hynes
4:00 p.m.–5:30 p.m.

Traffic Engineering Council
109, Hynes
4:00 p.m.–5:30 p.m.

TUESDAY, AUGUST 6

Registration
Hall A Foyer, Hynes
7:30 a.m.–5:30 p.m.

Technical Sessions and Tours
8:00 a.m.–6:30 p.m.

Transportation Professional Certification Board (TPCB) of Directors Meeting
111, Hynes
8:00 a.m.–10:00 a.m.

Student Hospitality
305, Hynes
8:00 a.m.–6:00 p.m.

TPCB Board Meeting
111, Hynes
8:00 a.m.–10:00 a.m.

Spouse Hospitality
Clarendon Room, Sheraton
9:00 a.m.–6:00 p.m.

Exhibit Open
9:30 a.m.–2:30 p.m.

TPCB Annual Meeting
111, Hynes
10:30 a.m.–12:00 p.m.

Boston and Cambridge Complete Streets Bus Tour and Walkshop*
1:00 p.m.–4:00 p.m.

Let’s Get Around: Massachusetts Traffic Circles*
1:00 p.m.–4:00 p.m.

Transport Central Command: Tour of MassDOT and MBTA Control Centers*
1:00 p.m.–4:00 p.m.

Biking Boston Bikeshop*
3:00 p.m.–6:30 p.m.

Emerald Necklace Bikeshop*
3:00 p.m.–6:30 p.m.

Emerald Necklace Walkshop*
3:00 p.m.–6:30 p.m.

Emerald Necklace Bus Tour*
3:00 p.m.–6:30 p.m.

International Collegiate Traffic Bowl Reception
Constitution Ballroom, Sheraton
7:00 p.m.–7:30 p.m.

International Collegiate Traffic Bowl
Constitution Ballroom, Sheraton
7:30 p.m.–10:00 p.m.

COUNCIL/COMMITTEE MEETINGS

NTOC Small Group (by invitation only)
108, Hynes
7:30 a.m.–9:00 a.m.

Freight Mobility Council
109, Hynes
8:00 a.m.–9:30 a.m.

Joint Rail Grade Crossing Committee Preemption Workshop
303, Hynes
8:00 a.m.–12:00 p.m.

Management & Operations/ITS Council
110, Hynes
8:00 a.m.–9:30 a.m.

Nominating Committee
107, Hynes
8:00 a.m.–9:30 a.m.

Accessibility Committee
109, Hynes
10:30 a.m.–12:00 p.m.

WEDNESDAY, AUGUST 7

Registration
1st Floor Technical Session Hallway, Hynes
7:30 a.m.–2:30 p.m.

Technical Sessions
8:00 a.m.–3:30 p.m.

Awards Luncheon
Constitution Ballroom, Sheraton
12:00 p.m.–2:00 p.m.

Closing Plenary Session
302/304, Hynes
2:15 p.m.–3:30 p.m.

COUNCIL/COMMITTEE MEETINGS

Traffic Engineering Council
SimCap Committee
108, Hynes
10:00 a.m.–11:30 a.m.

Optimizing Lane Widths Task Force
107 Hynes
10:30 a.m.–12:00 p.m.

Transportation Education Council
108, Hynes
10:30 a.m.–12:00 p.m.

Transportation Expert Witness Council
110, Hynes
10:30 a.m.–12:00 p.m.

Traffic Bowl Committee Meeting
Exeter, Sheraton
12:00 p.m.–1:30 p.m.

Traffic Bowl Team Meeting
Exeter, Sheraton
1:30 p.m.–2:30 p.m.

* = separate fee/registration required
HALF-DAY WORKSHOPS (REQUIRE AN ADDITIONAL REGISTRATION FEE)

COMPLETE STREETS DESIGN IMPLEMENTATION FOR PROFESSIONALS WORKSHOP
Sponsored by Institute of Transportation Engineers, National Complete Streets Coalition, Association of Pedestrian and Bicycle Professional, and Smart Growth America
Sunday, August 4, 2013
8:30 a.m.–12:00 p.m.
Gardner Room, Sheraton
Registration: $250
Credits: 3.5 PDH/3.50 AICP CM
Facilitator: John N. LaPlante, Director of Traffic Engineering, T.Y. Lin International, Chicago, IL, USA

This workshop provides planners, engineers, and other members of the professional design community with technical complete streets design implementation tools, and the foundation necessary to more routinely create complete streets networks that serve all users.

At the conclusion of the session participants will be able to:

1. Describe the benefits of adopting an effective complete streets policy and deploying four strategies for its effective implementation:
   1.1. Training staff to balance the needs of all users;
   1.2. Revising internal procedures to accommodate all users;
   1.3. Revising design manuals; and
   1.4. Analyzing performance data related to all users.

2. Examine design research, best practices, standards, guides, and technical tools that help design professionals balance and meet the needs of all users.

3. Describe technical design flexibility within current design guides and standards.

PROFESSIONAL DEVELOPMENT & TRAINING OPPORTUNITIES

PROFESSIONAL DEVELOPMENT HOURS (PDHS) AND IACET CONTINUING EDUCATION UNITS
Earn up to 26 Professional Development Hours

Professional development hours (PDH) earned during this meeting meet most state and provincial registration board requirements for P.E./P.Eng. licensure, Professional Traffic Operations Engineer® (PTOE), and Professional Transportation Planner® (PTP) certification renewals and Florida Board of Professional Engineers (EXP0003871).

To successfully earn PDH you must complete an online PDH tracking form and meeting evaluation. The online form will be e-mailed to registrants after the meeting and posted on the ITE homepage. Be sure to update your ITE member profile with your current e-mail address to ensure receipt.

• Technical Sessions: 1 PDH per hour of attendance or presentation.
• Technical Tours: 1 PDH per hour of attendance.
• Published Papers: 10 PDH per paper published as part of the online Compendium of Technical Papers.

As an additional service, ITE hosts the Professional Competency Record Keeping System on its website at www.ite.org/pdrks. The report created by the system conforms to the guidelines set forth by NCEES. This service will aid in the record keeping of all professional development opportunities.

Please contact Nicola Tavares at +1 202-785-0060 ext. 155 if you have questions about this process.

ITE and the ITE Educational Foundation have been approved as an Authorized Provider by the International Association of Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 2212.

Sessions approved for AICP/Certification Maintenance are noted in the program.
4. Begin to assess and identify appropriate next steps toward adoption of an effective complete streets policy in their jurisdictions, or more effectively implementing their existing complete streets policies.

**Target Audience:** Primarily engineers and planners in, and consultants for, local, regional, and state agencies as well as architects and landscape architects, and staff who serve in the following agency or program areas:

- Public Works: Design, Construction, Maintenance, Management, and Operations
- Transportation Planning
- Community Development
- Transit
- Bicycle and Pedestrian
- ADA Compliance
- Storm Water Management and Mitigation
- Utilities, Water and Sewer Planning, Project Management, and Maintenance
- Public Health
- K–12 School Transportation
- Trails Planning and Maintenance

**INTEGRATED CORRIDOR MANAGEMENT (ICM): IMPROVED OPERATIONS THROUGH DECISION SUPPORT SYSTEMS WORKSHOP**

*Funding support provided by USDOT Federal Highway Administration-Office of Operations*

**Sunday, August 4, 2013**

1:00 p.m.–4:30 p.m.

Gardner Room, Sheraton

**Registration:** $50

**Credits:** 3.5 PDH/.4 IACET CEU

**Facilitators:**

- Robert Sheehan, ICM Core Team Leader, Federal Highway Administration, Washington, DC, USA;
- Steve Mortensen, ICM Core Team Leader, Federal Transit Administration, Washington, DC, USA;
- Ralph Volpe, Resource Center and Planning for Operations Facilitator, Federal Highway Administration, Atlanta, GA, USA;
- Koorosh Olyai, Dallas/US-75 ICM Demonstration Site, Stantec, Dallas, TX, USA;
- Alex Estrella, San Diego/I-15 ICM Demonstration Site Leader, San Diego Association of Governments, San Diego, CA, USA;
- April Armstrong, ICM Knowledge and Technology Transfer, Science Applications International Corporation, Washington, DC, USA

ICM is the proactive, joint, multimodal management of transportation infrastructure assets along a corridor by transportation system operators and managers. Transportation system operators and managers accomplish ICM through the combined application of advanced technologies and innovative practices.

Two ICM demonstration sites, San Diego, CA, and Dallas, TX, are pushing the limits of institutional, operational, and technical integration and are pioneering two of the nation’s first automated, real-time decision support system (DSS) for the surface transportation system.

This workshop will look at corridor operational objectives and needs; joint operating plans; integrated strategies; DSS needs and requirements; and overall benefits for the full array of multimodal stakeholders of ICM.

**At the conclusion of the session participants will be able to:**

- Define ICM;
- Identify ICM goals and objectives;
- Describe the institutional, operational and technical challenges of ICM; and
- Define the need and functionality of a DSS.

**Target Audience:** Public agency leadership, managers, planners, engineers and operators; and private sector consultants, contractors, and vendors.
<table>
<thead>
<tr>
<th>Speakers and Presiders</th>
<th>Session(s)</th>
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<td>Bishop, Richard</td>
<td>1, 3</td>
<td>Isebrands, Hillary N.</td>
<td>17, 31</td>
<td>Pline, James L.</td>
<td>13</td>
</tr>
<tr>
<td>Bobowsky Jr., Theodore A.</td>
<td>32</td>
<td>Iwasaki, Randell</td>
<td>1, 3</td>
<td>Prentiss, Douglas C.</td>
<td>7</td>
</tr>
<tr>
<td>Boudreau, Neil E.</td>
<td>8, 24</td>
<td>Jackson, Nick</td>
<td>7</td>
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<td>11</td>
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<td>29</td>
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<tr>
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<td>Knodler Jr., Michael A.</td>
<td>34</td>
<td>Riegner, Jeffrey R.</td>
<td>26, 33</td>
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<tr>
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<td>Row, Shelley</td>
<td>1, 3, 12</td>
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<td>2, 13</td>
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<td>20, 33</td>
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<td>Schrieb, Jason</td>
<td>6</td>
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<td>Malagrino, Euclide</td>
<td>33</td>
<td>Sears, Brett</td>
<td>7</td>
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<tr>
<td>Denaro, Robert</td>
<td>1, 3</td>
<td>Markow, Denise</td>
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<td>31</td>
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<td>Thomas, Gary B.</td>
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<td>Xu, Guan</td>
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</tbody>
</table>
### TECHNICAL PROGRAM DIAGRAM

#### SUNDAY, AUGUST 4

**Gardner—Sheraton Boston Hotel**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 a.m.–12:00 p.m.</td>
<td>Complete Streets Design Implementation for Professionals Seminar (separate fee applies)</td>
<td>Room 301, Hynes</td>
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**Tours**

<table>
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<tr>
<th>Time</th>
<th>Tour Description</th>
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<tbody>
<tr>
<td>10:00 a.m.–11:30 a.m.</td>
<td>Boston DUCK Tour (separate fee applies)</td>
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<tr>
<td>12:00 p.m.–5:00 p.m.</td>
<td>Freedom Trail Walking Tour (separate fee applies)</td>
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#### MONDAY, AUGUST 5

**Commonwealth Ballroom—Sheraton Boston Hotel**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>4:15 p.m.–5:45 p.m.</td>
<td>Annual Business Meeting</td>
<td>Room 104, Hynes</td>
</tr>
</tbody>
</table>

**Networking Break—1st Floor Technical Session Rooms Foyer**

#### TUESDAY, AUGUST 6

**Gardner—Sheraton Boston Hotel**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>10:00 a.m.–12:00 p.m.</td>
<td>Integrated Corridor Management (ICM): Improved Operations Through Decision Support Systems Seminar (separate fee applies)</td>
<td>Room 103, Hynes</td>
</tr>
</tbody>
</table>

**Networking Break—1st Floor Technical Session Rooms Foyer**

#### WEDNESDAY, AUGUST 7

**Commonwealth Ballroom—Sheraton Boston Hotel**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 p.m.–4:00 p.m.</td>
<td>Optimizing Lane Widths: Does One Size Fit All?</td>
<td>Room 104, Hynes</td>
</tr>
</tbody>
</table>

**Networking Break—1st Floor Technical Session Rooms Foyer**

#### Networking Break in the Exhibit Hall

**Room 102, Hynes**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15 a.m.–11:45 a.m.</td>
<td>New Tools for Designing Transportation Facilities for All Users</td>
<td>Room 102, Hynes</td>
</tr>
</tbody>
</table>

**Transport Central Command: Tour of MassDOT and MBTA Control Centers (separate fee applies)**

**Room 302/304, Hynes**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 p.m.–4:00 p.m.</td>
<td>Let’s Get Around: Massachusetts Traffic Circles (separate fee applies)</td>
<td>Room 302/304, Hynes</td>
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</tbody>
</table>

### International Collegiate Traffic Bowl and Reception

**Room 303, Hynes**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:15 p.m.–3:30 p.m.</td>
<td>Utilizing the Power of the Transportation Professional</td>
<td>Room 303, Hynes</td>
</tr>
</tbody>
</table>
TECHNICAL PROGRAM

TECHNICAL SESSION—
moderated session arranged
theatre style that includes
3–5 technical presentations
and a concluding question
and answer period.

ROUNDTABLE—facilitated
session that provides an
opportunity to delve into a
particular topic and provide
peer-to-peer discussion on
challenges, opportunities for
developing best practices,
technical resources, and
professional collaboration.

CAREER LINKS—
non-technical sessions that
support professional and
career development.

WORKSHOP—participants
collaborate on technical
content or review a design
case study.

All technical sessions, as well as the
exhibit, are at the John B. Hynes Veter-
ans Memorial Convention Center unless
otherwise noted. Room locations are
subject to change without notice.

DISCLAIMER: Individuals involved in
developing, administering, and deliver-
ing learning events demonstrate high
standards of professional conduct and
do not discriminate against learners
on the basis of gender, age, socioeco-
nomic or ethnic background, religion,
sexual orientation, or disability.
The following program includes individ-
uals confirmed at the time of publica-
tion. Information is subject to change.
The views and opinions expressed by
meeting participants are those of the
participants and do not reflect official
ITE policy unless so stated.

√ Paper is part of the online
compendium of technical papers.
1

**Connected Vehicles to Driverless Vehicles ... The Future of Transportation. What Does It Mean to Me?**

*Monday, August 5, 8:00 a.m.–9:30 a.m.*

**Room 302/304**

**Learning Objective:** Technology has brought the future of transportation to our doorstep. You heard about connected vehicles and driverless vehicles. Now you can join the discussion in this interactive opening session. Executives from government, elected leadership, and the automotive and data industries will discuss and debate the implications of connected and driverless vehicles. Attendees will be invited into the conversation to share ideas, questions, and concerns.

**FACILITATOR:** Shelley Row, President, Shelley Row Associates LLC, Annapolis, MD, USA

**SPEAKERS:**

- Randell Iwasaki, Executive Director at Contra Costa Transportation Authority, former Director of Transportation for the California DOT, Contra Costa County, CA, USA
- Richard Bishop, President of Bishop Consulting, Baltimore, MD, USA
- Robert Denaro, former Vice President Advanced Driver Assistance Systems for Nokia/NAVTEK, Vice President of Business and Government Solutions for NAVTEK, Vice President Global Business Solutions for Rand McNally, Vice President for Telematics for Motorola, Chicago, IL, USA
- Michael J. Krusee, former member of the Texas House of Representatives from 1992–2009; Chairman of the House Transportation Committee from 2003–2009; Transportation Chair of the National Conference of State Legislatures from 2003–2005; Appointed by USDOT Secretary Mary Peters to the National Surface Transportation Infrastructure Financing Commission, Austin, TX, USA
- Eva Lerner-Lamm, Owner, Palisades Consulting Group, Beijing, China

2

**Case Studies for Building Multimodal Transportation Networks**

*Sponsored by the ITE Transportation Planning Council*

*Monday, August 5, 10:30 a.m.–12:00 p.m.*

**Room: 306**

**Learning Objective:** Discuss how planning multimodal transportation networks can provide efficient travel movements for all modes within a community.

**PRESIDER:**

Donald R. Samdahl, Principal, Fehr & Peers, Seattle, WA, USA

**SPEAKERS:**

- Multimodal Applications in Eugene, Oregon
  - Thomas C. Larsen, Traffic Engineer, City of Eugene, Eugene, OR, USA
- Multimodal Transportation Network in Calgary
  - Alfred A. Guebert, Principal, AAGuebert & Associates, Calgary, AB, Canada
- √ Downtown Framingham Revitalization Program
  - Kenneth J. Petraglia, Vice President and Mike Wasielewski, Senior Project Engineer, BETA Group Inc., Norwood, MA, USA

3

**Connected Vehicles Are Here. Now What Do I Do?**

*Monday, August 5, 10:30 a.m.–12:00 p.m.*

**Room: 102**

**Learning Objective:** Connected vehicles have been just over the horizon for years. Now—suddenly, they are here. The panel will continue the candid conversation from the opening session. Through a facilitated, interactive dialog, attendees and the panel will talk specifically about what connected vehicles mean to transportation engineers and transportation planners. It is time to take connected vehicles seriously and consider how to prepare.

**FACILITATOR:** Shelley Row, President, Shelley Row Associates LLC, Annapolis, MD, USA

**PANELISTS:**

- Randell Iwasaki, Executive Director at Contra Costa Transportation Authority, former Director of Transportation for the California DOT, Contra Costa County, CA, USA
- Richard Bishop, President of Bishop Consulting, Baltimore, MD, USA
- Robert Denaro, former Vice President Advanced Driver Assistance Systems for Nokia/NAVTEK, Vice President of Business and Government Solutions for NAVTEK, Vice President Global Business Solutions for Rand McNally, Vice President for Telematics for Motorola, Chicago, IL, USA
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- Eva Lerner-Lamm, Owner, Palisades Consulting Group, Beijing, China
Implementing Active Living

Monday, August 5, 10:30 a.m.–12:00 p.m.
Room: 103

Learning Objective: Discuss cases where active living has been implemented.

PRESIDER:
Kim E. Hazarvartian, Principal, TEPP LLC, Salem, NH, USA

SPEAKERS:
√ DeKalb County, Georgia—Board of Health Master Active Living Plan (MALP)
John J. Funny, Principal/President/CEO, Grice Consulting Group LLC, Atlanta, GA, USA

STAR Community Rating System Program and Active Living
Chris Kochtitzky, Associate Director for Program Development, Division of Emergency and Environmental Health Services, Centers for Disease Control, Atlanta, GA, USA

Refocusing a Culture to Implement Livable Streets
Bryan Jones, Deputy Director, City of Carlsbad, Carlsbad, CA, USA

Designing and Retrofitting Intersections for Accessible Pedestrian Signals
Sponsored by the NCUTCD Signals Technical Committee and ITE Traffic Engineering Council
Monday, August 5, 10:30 a.m.–12:00 p.m.
Room: 101

Learning Objective: Discuss why Accessible Pedestrian Signals (APS) are important at signalized intersections; what requirements are specified by the MUTCD and the U.S. Access Board; and how to design or retrofit intersections for APS.

PRESIDER:
Steven G. Jewell, Traffic and Planning Department Manager, DLZ Ohio Inc., Columbus, OH, USA

SPEAKERS:
APS and the MUTCD
Steven G. Jewell, Traffic and Planning Department Manager, DLZ Ohio Inc., Columbus, OH, USA
Pedestrians who are Blind, Traffic Signals and APS
Janet M. Barlow, Certified Orientation and Mobility Specialist, Accessible Design for the Blind, Asheville, NC, USA
Design and Installation of APS
Daniel Carter, Engineering Research Associate, University of North Carolina Highway Safety Research Center, Chapel Hill, NC, USA

Innovations in Parking Management and Pricing
Sponsored by the ITE Parking Council
Monday, August 5, 10:30 a.m.–12:00 p.m.
Room: 104

Learning Objective: Explore how the pricing of parking can influence the ways travelers use transportation systems and the application of ‘smart’ parking measures.

PRESIDER:
Edward Y. Papazian, Vice President, Kimley-Horn & Associates Inc., Reston, VA, USA

SPEAKERS:
“Asset Lite” Solutions to Value Pricing and Metered Curbside Parking
Soumya S. Dey, Director of Research and Technology Transfer, District of Columbia DOT, Washington, DC, USA
Tailoring Parking Management Solutions to Utilization Data: Examples From New England Communities
Jason Schriber, Principal, Nelson\Nygaard Consulting Associates Inc., Boston, MA, USA

Complete Streets Implementation Case Studies
Monday, August 5, 1:30 p.m.–3:00 p.m.
Room: 102

Learning Objective: Discuss various complete streets implementation case studies.

PRESIDER:
Michael B. Dannemiller, Principal Engineer, The RBA Group, Parsippany, NJ, USA

SPEAKERS:
Incorporating Complete Streets into Transportation Master Plans
Brett Sears, Senior Project Planner, MMM Group, Thornhill, ON, Canada
Massachusetts’ Experience with Complete Streets
Douglas C. Prentiss, Senior Transportation Engineer, Fay, Spofford & Thorndike, Burlington, MA, USA
Boston Complete Streets Guidelines from Vision to Implementation
Nick Jackson, Vice President, Toole Design Group, Boston, MA, USA
Complete Street Impact on Delays
Sara E. Patterson, Student, University of Delaware, Wilmington, DE, USA

A Tale of Two Cities: Seattle and San Francisco, Two Implementation Strategies to Reach the Same Goal
Rachel Weinerberger, Sustainable Transport Consultant, Brooklyn, NY, USA
New York City DOT Contemporary Issues in Parking Pricing: A Primer and Beyond
Guillermo A. Leiva, Assistant Commissioner for Parking, New York City DOT, Long Island City, NY, USA
**States Strategically Saving Lives**

Monday, August 5, 1:30 p.m.–3:00 p.m.
Room: 103

**Learning Objective:** Review effective practices in state highway safety improvement programs.

**PRESIDER:**
Kien Y. Ho, Vice President, Beta Group Inc., Wellesley, MA, USA

**SPEAKERS:**
- √ North Florida Strategic Safety Plan
  Terry Shaw, Associate Vice President, HNTB Corporation, Jacksonville, FL, USA
- √ Modeling Safety in Utah
  Grant G. Schultz, Associate Professor and Associate Chair, Brigham Young University, Provo, UT, USA
- √ MASSDOT Safety Program—Partnering for Success
  Neil E. Boudreau, State Traffic Engineer, Massachusetts DOT, Boston, MA, USA

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**#ITE Listens: A Forum for Input on ITE Programs and Member Services**

Monday, August 5, 1:30 p.m.–3:00 p.m.
Room: 101

**Learning Objective:** Discuss how ITE can adapt and add programs and services to meet your needs now and in the future.

**FACILITATOR:**
Zaki Mustafa, Executive Officer, Project Delivery, City of Los Angeles DOT, Los Angeles, CA, USA

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**Making the Business Case: How to Justify Your Transportation Investments**

Sponsored by the ITE Transportation Planning Council

Monday, August 5, 1:30 p.m.–3:00 p.m.
Room: 104

**Learning Objective:** Discuss how better planning can help create the business case for a transportation investment and how better justification for investment in times of competition for scarce resources will assist more projects to get implemented.

**PRESIDER:**
Owen P. Curtis, Transportation Consultant, Curtis Transportation Consulting LLC, Alexandria, VA, USA

**SPEAKERS:**
- √ View from the Private Sector: Planning, Risk Management and the Business Case for Advancing P3 Projects
  Brendan Sterling, Business Manager—Opus West, Opus International Consultants (Canada) Limited, Victoria, BC, Canada
- Communicating the Value: Lessons Learned from the Failed Georgia Transportation Initiative
  Randall C. Parker, Transportation Planner/Engineer, Stantec Consulting, Duluth, GA, USA

---

**How to Transform into a Progressive Transportation Operations Organization**

Sponsored by the ITE Management and Operations/ITS Council

Monday, August 5, 1:30 p.m.–3:00 p.m.
Room: 306

**Learning Objective:** Address the top 5 list of things that should be reviewed in order to become a more progressive transportation operations organization.

**MODERATOR:**
Eric Rensel, Project Manager, Gannett Fleming Inc., Harrisburg, PA, USA

**FACILITATORS:**
- Thomas V. Lane, Chief, Enforcement Services, Arizona DOT, Phoenix, AZ, USA
- Denise Markow, TMC/ITS Program Manager, New Hampshire DOT, Concord, NH, USA
- Lorenzo Parra, HOC Director, Massachusetts DOT, Boston, MA, USA
- Keith R. Mullins, Senior ITS Manager, Gannett Fleming Inc., Philadelphia, PA, USA

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**Leaders’ Secret Skill for Success: Intuition—You’ve got it. Are you using it?**

Monday, August 5, 4:00 p.m.–6:00 p.m.
Room: 102

**Learning Objective:** Executives from business, government, nonprofits and academia agree on one leadership skill that is largely overlooked and under-valued: Intuition. Some call it instinct, gut feel, or that “little voice.” Whatever you call it, intuition is key to effective leadership and decision-making for executives, leaders and managers in all sectors.

**FACILITATOR:**
Shelley Row, President, Shelley Row Associates LLC, Annapolis, MD, USA
13

Next Generation Ethics Workshop
Sponsored by the ITE Ethics Standing Committee, ITE Consultants Council, ITE Public Agency Council, and ITE Expert Witness Council

Monday, August 5, 4:00 p.m.–6:00 p.m.
Room: 306

Learning Objective: Explore ethical issues facing ITE members including technology and the younger generation; and identify appropriate solutions and responses to our ethical challenges faced today.

MODERATOR:
Donald R. Samdahl, Principal, Fehr & Peers, Seattle, WA, USA

FACILITATORS:
Russell G. Brownlee, Transportation Safety Engineer, Giffin Koerth Forensic Engineering, Toronto, ON, Canada
Richard F. Ryan, President, R. F. Ryan & Associates, Vancouver, WA, USA
James L. Pline, President, Pline Engineering Inc., Boise, ID, USA
Jenny L. Grote, Deputy Street Transportation Director, City of Phoenix, Phoenix, AZ, USA
Donald R. Samdahl, Principal, Fehr & Peers, Seattle, WA, USA

15

Aged out of Twitter? Think Again Workshop

Monday, August 5, 4:00 p.m.–6:00 p.m.
Room: 101

Learning Objective: Bring your smartphone! The session will include an overview of the functions and applications of the microblogging site Twitter. Participants will be assisted in setting up accounts and learning to tweet. The session will also explore how agencies, firms, vendors, and ITE are using Twitter and how you can benefit from the information exchange.

FACILITATORS:
Zachary M. Pleasant, Information Services Manager, Institute of Transportation Engineers, Washington, DC, USA
Darren G. Buck, Marketing Specialist, USDOT-FHWA, Washington, DC, USA

16

Transforming Undergraduate Transportation Engineering Education Workshop
Sponsored by the ITE Education Council

Monday, August 5, 4:00 p.m.–6:00 p.m.
Room: 104

Learning Objective: Learn about techniques and resources for transforming undergraduate transportation engineering courses to improve student learning and recruit more students to the transportation profession. The workshop will include a discussion of active learning techniques and updates from the curriculum subcommittee.

FACILITATOR:
Rhonda K. Young, Associate Professor, University of Wyoming, Laramie, WY, USA

17

Optimizing Lane Widths: Does One Size Fit All?
Sponsored by the Optimizing Lane Widths Task Force (TENC, TSC)

Tuesday, August 6, 8:00 a.m.–9:30 a.m.
Room: 102

Learning Objective: Discuss various perspectives on optimizing lanes widths to achieve a balance of user and community needs.

PRESIDER:
Hillary N. Isebrands, Safety Engineer, USDOT-FHWA, Lakewood, CO, USA

SPEAKERS:
Risk Management Perspective
Russell G. Brownlee, Transportation Safety Engineer, Giffin Koerth Forensic Engineering, Toronto, ON, Canada
FHWA Perspective on Applying Flexibility to Roadway Widths
Patrick F. X. Hasson, National Technical Service Team Leader, Safety and Design, USDOT-FHWA, Matteson, IL, USA
| Case Study: Making Narrower Lane Width Work in Boston |
| Vineet Gupta, Director of Planning, City of Boston, Boston, MA, USA |
| Flexible Lane Widths in Phoenix, AZ |
| Michael J. Cynecki, Project Manager, Lee Engineering LLC, Phoenix, AZ, USA |

| Learning Objective: | Learn how innovative jurisdictions are incorporating livability and sustainability performance measures in project prioritization and programming activities. |
| PRESIDER: | Daniel K. Hardy, Principal, Renaissance Planning Group, Arlington, VA, USA |
| SPEAKERS: | Memphis Green Lanes Projects |
| Ted J. DeSantos, Senior Vice President and Michael S. Repsch, Senior Transportation Engineer, Fuss & O’Neill, Manchester, CT, USA |
| Massachusetts GreenDOT Implementation Plan |
| Steve Woelfel, Director of Strategic Planning, Massachusetts DOT, Boston, MA, USA |
| √ Sustainable Transportation: |
| State of the Practice Review |
| James W. Gough, Senior Project Manager, MMM Group Ltd., Markham, ON, Canada |

| Learning Objective: | There’s an App for That! |
| Learning Objective: | Plan to learn and share about the latest transportation apps and how they are changing the uses of transportation data, the work of transportation professionals, and the expectations of system users. |
| SPEAKERS: | Cole D. Fitzpatrick, Graduate Research Assistant, University of Massachusetts Amherst, Amherst, MA, USA |
| Ian A. McKinnon, Research Assistant, University of Massachusetts Amherst, Amherst, MA, USA |

| Learning Objective: | Demystifying Signalized Intersection Design for Bicyclists |
| Learning Objective: | At the end of this session, participants will be able to determine how a signalized intersection can accommodate bicyclists’ unique characteristics using techniques such as signal timing adjustments, bicycle-specific signals, bicycle detection, and geometric design (bike lanes, cycle tracks, bike boxes, and bike left-turn pockets). |
| SPEAKERS: | Christina Fink, Traffic Engineer, Toole Design Group, Silver Spring, MD, USA |
| Michelle L. Danila, Civil Engineer, Toole Design Group, Boston, MA, USA |

| Learning Objective: | Adapting Transportation to Weather Extremes Roundtable |
| Learning Objective: | Share knowledge about changes that are being made in regions experiencing extreme weather events, such as drought, fire, and flooding and building consensus for action on environmental change. |
| FACILITATORS: | Mark R. Norman, Director-Technical Activities, Transportation Research Board, Washington, DC, USA |
| Michael D. Meyer, Consultant, Atlanta, GA, USA |
**Traffic Studies for the Future Roundtable**

*Sponsored by the ITE Traffic Engineering Council and ITE SimCap Group*

**Tuesday, August 6, 10:30 a.m.–12:00 p.m.  
Room: 102**

**Learning Objective:** Learn about modeling and tool selection issues facing the profession; discuss implications of under and over analysis; share preliminary results of an upcoming State of the Practice Survey and share an upcoming white paper/primer on emerging best practices in traffic analysis.

**MODERATOR:**
David A. Petrucci, Traffic Discipline Leader, Borton-Lawson, Bethlehem, PA, USA

**FACILITATOR:**
David K. Hale, Assistant in Engineering, University of Florida, McTrans Center, Gainesville, FL, USA

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**Implications of Connected and Autonomous Vehicles Roundtable**

*Sponsored by the ITE Management and Operations/ITS Council*

**Tuesday, August 6, 10:30 a.m.–12:00 p.m.  
Room: 103**

**Learning Objective:** Recap the benefits and challenges of connected and autonomous vehicles and explore the role of ITE and its councils to address near and longer term aspects of the vehicles on the road.

**FACILITATORS:**
John Lower, Associate Vice President, Iteris Inc., Santa Ana, CA, USA

Richard F. Beaubien, Managing Director, Beaubien Engineering LLC, Troy, MI, USA

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**Identifying New Tools and Resources for Pedestrian and Bicycles Roundtable**

*Sponsored by the ITE Pedestrian and Bicycle Council*

**Tuesday, August 6, 10:30 a.m.–12:00 p.m.  
Room: 306**

**Learning Objective:** Learn more about the Council’s recent technical projects and help us brainstorm and prioritize new Council initiatives.

**FACILITATOR:**
Jeffrey R. Riegner, Vice President, Whitman, Requardt & Associates LLP, Wilmington, DE, USA

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**Plenary-Jewel of Boston: An Introduction and History of the Emerald Necklace**

**Tuesday, August 6, 2:00 p.m.–2:45 p.m.  
Room: 302/304**

**Learning Objective:** The session will provide an introduction to the history and adaptation of the Frederick Law Olmstead-designed Emerald Necklace, which serves multimodal transportation purposes as well as a recreational oasis in the bustling City of Boston.

**MODERATOR:**
Kenneth J. Petraglia, Vice President, BETA Group Inc., Norwood, MA, USA

**SPEAKERS:**
Julie Crockford, President, Emerald Necklace Conservancy, Boston, MA, USA

Margaret Dyson, Director of Historic Parks, Boston Parks and Recreation Department, Boston, MA, USA

Phil Goff, Northeast Regional Manager, Alta Planning + Design, Boston, MA, USA

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**SimCap: Signal Optimization Methods—Benefits vs. Costs Workshop**

*Sponsored by the ITE Traffic Engineering Council—Simulation and Capacity Analysis User Group (SimCap)*

**Wednesday, August 7, 8:00 a.m.–10:00 a.m.  
Room: 102**

**Learning Objective:** Discuss different methodologies available to optimize traffic signals; the benefits of optimization and effectiveness of the different methods; and the respective benefits vs. costs.

**MODERATOR:**
Orla Pease, Deputy Practice Leader, Urban Engineers Inc., Philadelphia, PA, USA
FACILITATORS:
New Jersey DOT’s Perspective on Return on Investment with Signal Optimization
Jeevanjot Singh, Traffic Engineer, New Jersey DOT, Trenton, NJ, USA
Corridor Optimization Utilizing an Iterative Method Between Multiple Optimization Tools
Scott Diehl, Chief Traffic Engineer, Urban Engineers Inc., Cherry Hill, NJ, USA
Philadelphia City Wide Re-timing Project
Richard J. Montanez, Traffic and Street Lighting Chief Engineer, City of Philadelphia, Philadelphia, PA, USA
Signal Timing on a Shoestring
Keith A. Riniker, Director, Traffic Engineering and ITS, Sabra, Wang & Associates Inc., Columbia, MD, USA

Project Communications: Reaching New Audiences with New Tools
Darrel W. Cole, Assistant Vice President/Manager, Communications and Public Involvement Group, Parsons Brinckerhoff, Los Angeles, CA, USA
Sustainable Return on Investment: The Economic, Social, and Environmental Elements of a Transportation Infrastructure Project
Pamela Yonkin, Senior Economist, HDR Decision Economics, Boston, MA, USA
Transportation Financing and Community Sustainability: Pulling the Pieces Together
Stephen F. Mayer, Business Development Manager (P3/Tolling) and Strategic Liaison, Parsons Transportation Group, Parsons Corporation, Aurora, NY, USA

A Transdisciplinary Approach to Integrating Health into Transportation Workshop
Sponsored by the Transportation-Public Health Link (T-PH Link) and America Walks
Wednesday, August 7, 8:00 a.m.—10:00 a.m.
Room: 101
Learning Objective: Discuss the practical application of health as a component of the transportation infrastructure design and planning process.

MODERATORS:
Yolanda Savage-Narva, National Campaign Director, America Walks, Washington, DC, USA
Karyn M. Warsaw, Founder and Chair, T-PH Link; Business Intelligence Manager, Traffic Technologies Inc., Gaylord, MI, USA

SPEAKERS:
Environmental Justice: Addressing Health and Safety of the Older Driver
Richard Retting, Vice President, Director of Safety/Research, Sam Schwartz Engineering, Fairfax, VA, USA

Conversion to Modern Day Roundabouts Workshop
Sponsored by the ITE Roundabout Committee
Wednesday, August 7, 8:00 a.m.—10:00 a.m.
Room: 306
Learning Objective: This workshop will allow participants to interactively learn how to effectively apply various low, medium, and high cost modern day roundabout design techniques and industry best practices to examples of existing regional rotary intersections and local interchanges.

MODERATOR:
Michael P. Mastaglio, Senior Project Manager, RK&K, King of Prussia, PA, USA

Principles for Minimal Change Rotary Conversions
Andrew P. O’Brien, Chairman and Director, O’Brien Traffic, Hawthorn East, VIC, Australia
Updating a Traffic Circle to a Modern Roundabout in Killingworth, CT
William W. Britnell, Principal Engineer, Connecticut DOT, Newington, CT, USA

Systemic Approach to Safety Management Workshop
Sponsored by the ITE Transportation Safety Council
Wednesday, August 7, 8:00 a.m.—10:00 a.m.
Room: 103
Learning Objective: Introduce the systemic approach to safety; illustrate how it can be used to complement traditional safety management activities; describe the systemic safety planning process; and demonstrate application of the systemic approach.

FACILITATORS:
Richard J. Storm, Transportation Engineer, CH2M Hill, Mendota Heights, MN, USA
Elizabeth A. Wemple, Senior Associate, Cambridge Systematics, Portland, OR, USA
Hillary N. Isebrands, Safety Engineer, USDOT-FHWA, Lakewood, CO, USA

Leveraging ITS Technology in the Connected Era
Sponsored by USDOT-RITA
Wednesday, August 7, 8:00 a.m.—10:00 a.m.
Room: 104
Learning Objective: Discuss the challenges agencies and private entities face in the infrastructure space as they migrate to the connected vehicle era.
PRESIDER:
Siva R. K. Narla, Senior Director, Transportation Technology, Institute of Transportation Engineers, Washington, DC, USA

SPEAKERS:
Port Authority of NY and NJ ITS Strategic Plan
Theodore A. Bobowsky Jr., Traffic Engineer, and Steven Demetropoulos, Staff Services Engineer, The Port Authority of New York and New Jersey, Newark, NJ, USA
Infrastructure Security—What We Have Discovered So Far
Edward Fok, Transportation Technologies Specialist, Federal Highway Administration, San Francisco, CA, USA
Technology Migration from ITS to CV
Gary Duncan, Chief Technology Officer, Econolite Control Products Inc., Anaheim, CA, USA
USDOT CV Policy Guidance
Suzanne Sloan, Industry Analyst, USDOT-Volpe Center, Cambridge, MA, USA

New Tools for Designing Transportation Facilities for All Users
Sponsored by the ITE Pedestrian and Bicycle Council
Wednesday, August 7, 10:15 a.m.–11:45 a.m. Room: 102
Learning Objective: Learn about new synthesis reports and guidelines for designing pedestrian and bicycle facilities in various contexts.

PRESIDER:
Michelle L. Danila, Civil Engineer, Toole Design Group, Boston, MA, USA

SPEAKERS:
Accommodating Pedestrians and Bicyclists at Interchanges: A New ITE Recommended Practice
Meghan F. Mitman, Associate, Fehr & Peers, San Francisco, CA, USA
Measuring Complete Streets: An Upcoming ITE Informational Report
Jeffrey R. Riegner, Vice President, Whitman, Requardt & Associates LLP, Wilmington, DE, USA
Abu Dhabi Street Design Manual: The Pivotal Component of UPC’s Complete Sustainable Communities (CSC) Concept
Euclide Malagrino, Senior Associate Planner, Transport and Ibrahim Al Hmoudi, Transport Planning Department Manager, Abu Dhabi Urban Planning Council, Abu Dhabi, United Arab Emirates

Speeding—A Crosscutting Safety Issue
Sponsored by the USDOT-FHWA Office of Safety Technologies and ITE Traffic Engineering Committee
Wednesday, August 7, 10:15 a.m.–11:45 a.m. Room: 103
Learning Objective: Discuss federal and state speed management programs, technical guidance, and recent research on human factor related speed management issues.

PRESIDER:
Philip J. Caruso, Deputy Executive Director for Technical Programs, Institute of Transportation Engineers, Washington, DC, USA

SPEAKERS:
Speeding—Crossing Cutting Safety Issue, An Overview of FHWA Office of Safety SM Program
Guan Xu, Highway Engineer, USDOT-FHWA, Washington, DC, USA
Passenger Vehicle and Truck Urban Mobility Measures and Trends
William L. Eisele, Senior Research Engineer, Mobility Analysis Program, Texas A&M Transportation Institute, College Station, TX, USA
Communicating Mobility Performance to All Audiences
Jennifer Pangborn, Transportation Planner, Crawford Bunte Brammeier, St. Louis, MO, USA

 Policies and Procedures for Setting Speed Limits
Michael A. Knodler Jr., Associate Professor, University of Massachusetts-Amherst, Amherst, MA, USA

Improving Multimodal Performance Measurement
Sponsored by the ITE Transportation Planning Council and ITE Freight Mobility Council
Wednesday, August 7, 10:15 a.m.–11:45 a.m. Room: 101
Learning Objective: Understand FHWA’s focus on performance management for funding allocations and how transportation agencies at all levels of government are incorporating multimodal data and performance measures for mobility decision-making.

PRESIDER:
Mark D. Rinnan, Project Manager, Jacobs Engineering, Chicago, IL, USA

SPEAKERS:
FHWA Performance Management Mobility Activities
Robert E. Arnold, Director, Office of Transportation Management, USDOT-FHWA, Washington, DC, USA
Passenger Vehicle and Truck Urban Mobility Measures and Trends
William L. Eisele, Senior Research Engineer, Mobility Analysis Program, Texas A&M Transportation Institute, College Station, TX, USA
Communicating Mobility Performance to All Audiences
Jennifer Pangborn, Transportation Planner, Crawford Bunte Brammeier, St. Louis, MO, USA
36
Pedestrian Issues and Safety Initiatives in Railroad Corridors

Sponsored by the ITE Combined Grade Crossings Committee TENC 102-02

Wednesday, August 7, 10:15 a.m.–11:45 a.m.
Room: 104

Learning Objective: Summarize issues in pedestrian safety around rail corridors; address trespass vs. safety at engineered grade crossing locations; reflect diverse points of view from regulatory agencies, states and rail and transit operators; and highlight current research and solutions.

PRESIDER:
Brent D. Ogden, Vice President, AECOM, Oakland, CA, USA

SPEAKERS:
Federal Railroad Administration Perspective on Pedestrian Safety at Grade Crossings
Brian F. Gilleran, Grade Crossing Safety Engineer, Federal Railroad Administration, Washington, DC, USA

MUTCD Pedestrian Guidelines for Grade Crossings
Tim Huya, Manager Public Projects, BNSF Railway, Ft. Worth, TX, USA

Utah Pedestrian Crossing Standards
John G. Van Hoff, Senior Project Manager, AECOM, Sandy, UT, USA

LRT Approach to Pedestrian Safety
Tom R. Lancaster, Principal, Lancaster Engineering, Portland, OR, USA

37
Utilizing the Power of the Transportation Professional

Wednesday, August 7, 2:15 p.m.–3:30 p.m.
Room: 302/304

Learning Objective: The session will examine the perception of the transportation professional and how the community’s talents and abilities can be harnessed to collaborate and partner to meet stakeholder needs and expectations.

FACILITATOR:
Gary B. Thomas, Research Engineer, Texas A&M Transportation Institute, College Station, TX, USA
TECHNICAL TOURS

All technical tours depart from and return to the John B. Hynes Veterans Memorial Convention Center. Groups will meet outside of the Boylston Street entrance of the convention center. Technical tours are designed for students of and active practitioners in transportation-related fields. Persons under the age of 18 are not permitted on technical tours. Walking shoes and comfortable clothing recommended. Spouse and Guests are encouraged to take part in the Emerald Necklace tours.

Cost per tour: $10

Informational materials with follow-up contact information will be provided at the conclusion of the tours.

BOSTON AND CAMBRIDGE COMPLETE STREETS BUS TOUR AND WALKSHOP

Tuesday, August 6
1:00 p.m.–4:00 p.m.

See firsthand the complete streets projects that have been completed and/or under construction by the cities of Boston and Cambridge. This tour will demonstrate successful applications that highlight the cities’ commitment to providing access to roadways for vehicles, pedestrian, and bicyclists. Sharrows and dedicated bicycle lanes have been provided with innovative approaches to road diets including reduction of underutilized capacity and parking modifications. The walkshop will present the opportunity for participants to experience firsthand some examples of local complete streets initiatives. Tour leaders will provide background information on the history and development of each project and will be available for questions during the tour.

LET’S GET AROUND: MASSACHUSETTS TRAFFIC CIRCLES

Tuesday, August 6
1:00 p.m.–4:00 p.m.

The tour will feature a ride through some of Massachusetts’ famous rotaries. You’ll get a quick briefing on what to expect with aerials and basic traffic volumes, then view four sites-Mahoney Circle or Bells as it is referred to; Brown Circle; Copeland Circle, which is actually an oval; and Butler Circle, all in Revere, MA. After the field review, participants will return to the meeting site and draw up appropriate treatments for these significant commuting and airport access corridors.

TRANSPORT CENTRAL COMMAND: TOUR OF MASSDOT AND MBTA CONTROL CENTERS

Tuesday, August 6
1:00 p.m.–4:00 p.m.

A motor coach will bring you to tour two distinct operations centers. The MassDOT Highway Operations Center (HOC) in South Boston and The Massachusetts Bay Transportation Authority (MBTA or T) Operations Control Center (OCC) on High Street in Boston’s Financial District. The HOC was constructed as part of the Central Artery/Ted Williams Tunnel Project and now serves as the hub of the Commonwealth’s ITS system. The MBTA center oversees operations of the transit system’s four Rapid Transit Lines and the Commuter Rail System. The OCC serves as the hub for T operations and safety-related communications. Agency and consultant transportation professionals will gain an understanding of current technology, monitoring and control strategies and opportunities for agency coordination.
BIKING BOSTON BIKESHOP  
Tuesday, August 6  
3:00 p.m.–6:30 p.m.

Mount and ride a bicycle from the meeting’s convention center to see firsthand how the city and other responsible agencies have provided for bicycle travel through and around the city. See the extensive Hubway bike sharing system that features more than 100 stations. Hear firsthand the commitment of the City of Boston to bicycle transportation and safety. You will be accompanied by local representatives who are and have played a role in providing for this mode.

*Please note, bicycles and helmets will be provided.*

EMERALD NECKLACE TOURS  
Tuesday, August 6  
3:00 p.m.–6:30 p.m.

The Emerald Necklace is an urban oasis consisting of an 1,100 acre-chain of parks linked by parkways and waterways in Boston and Brookline, MA. It is a seven-mile long greenspace that traverses many neighborhoods and provides a getaway from the bustle of the 21st most populous city in the U.S. Adjacent to and/or passing through it daily are significant car, pedestrian, and bicycle commuters. Its neighbors include universities, The Museum of Fine Arts, offices, and residences. Designed more than 100 years ago by world renowned landscape architect Frederick Law Olmstead, the park system has survived and adapted to serve as one of the city’s cherished amenities.

*Emerald Necklace Bikeshop*  
Bicycle advocates and enthusiasts will enjoy this ride through a section of Boston’s treasured parkland. Mount and ride a bicycle from the meetings convention center to and through the park to see firsthand how the bicycle mode has been adapted and the challenges where the parkland is traversed by roadways. Riding with you will be knowledgeable representatives of the various community groups that have helped to preserve and adapt the parkland and its accessibility. The parks offer a seven-mile trip from the historic center of Boston through a dozen neighborhoods and nine distinct parks that offer a full range of experiences from arboretum to zoo. The Emerald Necklace Bikeshop will give riders a chance to sample some of these diverse experiences.

*Please note, bicycles and helmets will be provided.*

Emerald Necklace Walkshop  
Walk from the meetings’ convention center to and through a portion of the park. Enjoy the urban oasis by walking the park system alongside locals who use these facilities to get to classes, work, and for lunch-hour breaks and recreation.

Emerald Necklace Bus Tour  
Travel the full length of the Emerald Necklace on a motor coach to see how the necklace connects some 10 distinct parks. Learn of the history of the area through which you will pass. You will also learn about improvements that are planned and underway. Representatives of the local transportation community will ride with you to share their perspectives and insights. The tour will also include a review of the Longwood Medical area, including a briefing by the Medical Area Services Corporation (MASCO) staff on their long running (35+ years) of transportation demand management and expansion advocacy for the district.
GUEST TOURS

All guest tours depart from and return to the Sheraton Boston Hotel. Groups will meet in the hotel lobby. Please arrive at least 15 minutes prior to departure time.

BOSTON DUCK TOUR
Sunday, August 4
10:00 a.m.–11:30 a.m.

Boston’s most unique tour experience! You’ll hop aboard beautiful, multi-colored, World War II amphibious vehicles that navigate the streets of Boston as well as the currents of the Charles River. ITE’s personal DUCK will traverse past historic sites including the State House, Boston Common, and Government Center, fashionable Newbury Street, and so much more! Then, it’s into the Charles River for breathtaking views of the Boston and Cambridge skylines—unique vistas you can’t get anywhere else! Each conDUCKtor is a unique character in costume, bringing to you Boston’s history laced with lore and legends. But don’t underestimate their knowledge; these characters take their historical wisdom very seriously and welcome your challenges! Tours go rain or shine. Dress appropriately for the weather and keep in mind you may get splashed going into the river!

FREEDOM TRAIL WALKING TOUR
Sunday, August 4
12:00 p.m.–5:00 p.m.

Experience Boston’s unique history on a 2 ½ mile walking tour back to colonial times. You’ll begin the tour at the visitor’s center and then walk along the famous red line where you’ll hear tales of the brave Bostonians and colonists who dared to challenge Britain and help establish the independence of the United States. Your tour includes stops at more than a dozen key locations in history, including Boston Common, Massachusetts State House, Park Street Church, Granary Burying Ground, King’s Chapel, Ben Franklin’s statue, Old South Meeting House, Old Corner Bookstore, Old State House, Boston Massacre Site, Faneuil Hall, Paul Revere House, and the Old North Church. This tour is a walking tour, some on cobblestone streets. Sensible footwear and comfortable clothing is highly recommended.

NOTE: ITE attendees have the option of combining both the DUCK tour and the Freedom Trail tour. Guests opting for both tours will end the DUCK tour at Faneuil Hall, one of the nation’s premier urban marketplaces. Faneuil Hall is rich in history and filled with unique shops, restaurants, and the world-famous Quincy Market Colonnade. Tour guides will pick you up at Faneuil Hall at 12:30 p.m. and transport you to the Boston Visitor’s Center, the start of the Freedom Trail tour.
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- evaluate mitigation options
- manage multiple scenarios
- create comprehensive reports

OTISS a cloud-based application for transportation engineers who need to access trip generation data easily for traffic impact studies. Not only do you have access to over 5,500 studies from the 9th Edition ITE Trip Generation manual, you can even upload local data for analysis. It is the only tool that will let you view the data points by age and region of studies. Visit www.otisstraffic.com for more information.

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**EXHIBIT HALL FLOOR PLAN**

**EXHIBIT HOURS**

**Saturday, August 3**
Exhibitor Set-up
2:00 p.m.–8:00 p.m.

**Sunday, August 4**
Exhibitor Set-up
8:00 a.m.–5:00 p.m.

**Monday, August 5**
Exhibit Hall Open
9:30 a.m.–4:30 p.m.
Kickoff and Networking Break
9:30 a.m.–10:30 a.m.
Lunch in the Hall
12:00 p.m.–1:30 p.m.
Networking Break
3:00 p.m.–4:00 p.m.

**Tuesday, August 6**
Exhibit Hall Open
9:30 a.m.–2:30 p.m.
Networking Break
9:30 a.m.–10:30 a.m.
Lunch in the Hall
12:00 p.m.–2:00 p.m.
Exhibitor Tear-down
2:30 p.m.–5:00 p.m.

**TRANSPORTATION PRODUCTS AND SERVICES EXHIBIT**

The ITE Exhibit showcases transportation products and services from around the world—from signs and marking equipment to computer software displays and planning service providers. The exhibit gives you the opportunity to experience the newest technologies and services, and is designed to help you meet your traffic and transportation needs.

The Transportation Products and Services Exhibit is in Hall A of the John B. Hynes Veterans Memorial Convention Center.

All meeting attendees and industry-related personnel may view the exhibits AT NO COST.
<table>
<thead>
<tr>
<th>EXHIBITORS LISTED BY COMPANY</th>
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<tbody>
<tr>
<td>Actelis Networks, Inc.</td>
<td>211</td>
</tr>
<tr>
<td>AirSage</td>
<td>318</td>
</tr>
<tr>
<td>Aldis, Inc.</td>
<td>316</td>
</tr>
<tr>
<td>All Traffic Solutions</td>
<td>222</td>
</tr>
<tr>
<td>Alpha Technologies Ltd.</td>
<td>206</td>
</tr>
<tr>
<td>American Traffic Safety</td>
<td>322</td>
</tr>
<tr>
<td>Antaira Technologies</td>
<td>312</td>
</tr>
<tr>
<td>Caliper Corporation</td>
<td>205</td>
</tr>
<tr>
<td>Campbell Company</td>
<td>529</td>
</tr>
<tr>
<td>Carmanah Technologies Inc.</td>
<td>522</td>
</tr>
<tr>
<td>CLARY Corp.</td>
<td>513</td>
</tr>
<tr>
<td>COMNET Communications Networks</td>
<td>317</td>
</tr>
<tr>
<td>Control Corporation</td>
<td>422</td>
</tr>
<tr>
<td>Daktronics, Inc.</td>
<td>410</td>
</tr>
<tr>
<td>Dialight</td>
<td>311</td>
</tr>
<tr>
<td>Eberle Design Inc.</td>
<td>516</td>
</tr>
<tr>
<td>Eco-Counter</td>
<td>217</td>
</tr>
<tr>
<td>Emerson Network Power Surge</td>
<td>319</td>
</tr>
<tr>
<td>Encom Wireless Data Solutions, Inc.</td>
<td>323</td>
</tr>
<tr>
<td>Ennis-Flint</td>
<td>423</td>
</tr>
<tr>
<td>EOI Excellence Opto. Inc.</td>
<td>411</td>
</tr>
<tr>
<td>EtherWAN Systems, Inc.</td>
<td>419</td>
</tr>
<tr>
<td>FHWA Office of Operations</td>
<td>616</td>
</tr>
<tr>
<td>FLIR Systems</td>
<td>126</td>
</tr>
<tr>
<td>Highway Tech Signal Equipment Sales, Inc.</td>
<td>124</td>
</tr>
<tr>
<td>Houston Radar LLC</td>
<td>116</td>
</tr>
<tr>
<td>IMSA— Intl. Municipal Signal Assn.</td>
<td>518</td>
</tr>
<tr>
<td>Information Display Company</td>
<td>307</td>
</tr>
<tr>
<td>Intelight, Inc.</td>
<td>417</td>
</tr>
<tr>
<td>Intelligent Traffic Equipment</td>
<td>413</td>
</tr>
<tr>
<td>Iteris, Inc.</td>
<td>305</td>
</tr>
<tr>
<td>JAMAR Technologies, Inc.</td>
<td>207</td>
</tr>
<tr>
<td>Kimley-Horn and Associates, Inc.</td>
<td>517</td>
</tr>
<tr>
<td>Leotek Electronics USA Corp.</td>
<td>113</td>
</tr>
<tr>
<td>McTrans Center—University of Florida</td>
<td>511</td>
</tr>
<tr>
<td>MetroCount USA, Inc.</td>
<td>218</td>
</tr>
<tr>
<td>Migma Systems</td>
<td>200</td>
</tr>
<tr>
<td>Myers Power Products, Inc.</td>
<td>416</td>
</tr>
<tr>
<td>National Highway Institute</td>
<td>525</td>
</tr>
<tr>
<td>Peek Traffic Corporation</td>
<td>405</td>
</tr>
<tr>
<td>Pelco Products, Inc.</td>
<td>313</td>
</tr>
<tr>
<td>Polara Engineering Inc.</td>
<td>610</td>
</tr>
<tr>
<td>Proxim Wireless</td>
<td>219</td>
</tr>
<tr>
<td>PTV Group</td>
<td>301</td>
</tr>
<tr>
<td>Quadstone Paramics</td>
<td>216</td>
</tr>
<tr>
<td>Qwick Kurb, Inc.</td>
<td>212</td>
</tr>
<tr>
<td>Reno A&amp;E</td>
<td>111</td>
</tr>
<tr>
<td>Road Kare International</td>
<td>418</td>
</tr>
<tr>
<td>Rodel Interactive—North America</td>
<td>101</td>
</tr>
<tr>
<td>RTC Manufacturing Inc.</td>
<td>117</td>
</tr>
<tr>
<td>Sensata Technologies</td>
<td>424</td>
</tr>
<tr>
<td>Sensys Networks, Inc.</td>
<td>523</td>
</tr>
<tr>
<td>SIDRA SOLUTIONS</td>
<td>107</td>
</tr>
<tr>
<td>Temple, Inc.</td>
<td>406</td>
</tr>
<tr>
<td>Tomar Electronics</td>
<td>512</td>
</tr>
<tr>
<td>Traffic Duco, Inc.</td>
<td>510</td>
</tr>
<tr>
<td>Traffic Logix</td>
<td>213</td>
</tr>
<tr>
<td>Trafficware</td>
<td>201</td>
</tr>
<tr>
<td>TransCore</td>
<td>524</td>
</tr>
<tr>
<td>Transoft Solutions Inc.</td>
<td>210</td>
</tr>
<tr>
<td>Transportation Leadership Graduate Certificate</td>
<td>120</td>
</tr>
<tr>
<td>TraStar, Inc.</td>
<td>310</td>
</tr>
<tr>
<td>Vanasse Hangen Brustlin, Inc.</td>
<td>505</td>
</tr>
<tr>
<td>VT MaK</td>
<td>119</td>
</tr>
<tr>
<td>Wavetronix, LLC</td>
<td>528</td>
</tr>
<tr>
<td>Company</td>
<td>Booth</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-------</td>
</tr>
</tbody>
</table>
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