

**2017 ITE New England Section Annual Meeting**

**New England Section**

Monday, December 4<sup>th</sup>, 2017

**LOCATION:**

Crowne Plaza at the Crossings  
801 Greenwich Avenue  
Warwick, Rhode Island 02886



**MEETING SCHEDULE:**

HCM 6 Workshop – 8:30AM to 4:00PM  
Executive Board Meeting – 10:00AM to 2:00PM  
Technical Sessions – 2:00PM to 4:00PM  
Cocktail Hour – 4:30PM to 6:30PM  
Dinner – 6:30 PM

ALL PARTS OF MEETING HELD IN GRAND BALLROOM SECTION OF HOTEL

**HOTEL INFORMATION:**

NEITE has reserved a limited number of rooms at the Crowne Plaza. Please make reservations by November 27, 2017 and refer to NEITE to obtain the special rate available. Their telephone number is 401-732-6000. Please let us know when you make your reservations.

**DIRECTIONS:**

From Interstate 95 North or South: take exit 12A, Route 113 East to Route 5. Turn right onto Route 5. The hotel is the first right.  
From Interstate 295 Southbound only: Take Exit 2 to Route 2 South. At first traffic light, turn left onto Route 113 East. Follow to Route 5, turn right. Hotel is the first right.

Technical Sessions will each offer PDHs.

**To register, complete information below and return with check.**

**NEITE ANNUAL DINNER RESERVATIONS**

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Registration cost: Private Sector: \$80/person | Public Sector or Retired: \$50/person | Student: \$35/person | All Walk-ins add \$10 to cost listed above

Professional Workshop registration includes: Workshop, Handout Materials, Lunch, Dinner (see attached)  
Workshop Attendee Cost: Private Section: \$220/person | Public Sector or Retired or Student: \$110/person

REGISTRATION DUE BY: Monday November 27, 2017

Name: \_\_\_\_\_ Telephone: \_\_\_\_\_

Company: \_\_\_\_\_ Email: \_\_\_\_\_

Dinner Choices: Beef \_\_\_\_\_ Chicken \_\_\_\_\_ Vegetarian \_\_\_\_\_

**MAKES CHECKS PAYABLE TO NEITE. ALL REGISTRATIONS MUST BE HONORED**

Email preferred (or mail, call, fax) registrations to:

Ocean State Signal  
Attn: Lisa Rutherford  
27 Thurber Blvd.  
Smithfield, RI 02917

Tele: 401-231-6780 | Fax: 401-231-4390 | Email: [lrutherford@oceanstatesignal.com](mailto:lrutherford@oceanstatesignal.com)

**PLEASE BRING A GIFT OR BOTTLE FOR THE DOOR PRIZE (put business card on gift/bottle)**

## **PROFESSIONAL DEVELOPMENT WORKSHOP: HIGHWAY CAPACITY MANUAL 6**

### **BACKGROUND**

The Highway Capacity Manual (HCM) is a fundamental reference for transportation engineers and planners that provides concepts, performance measures, and methods for analyzing the multimodal operations of urban streets, highways, and freeways. The HCM 6th Edition, released in October 2016, incorporates several million dollars of funded research that introduces both new analysis capabilities and updates existing methods to reflect the latest vehicle and driver characteristics.

### **WORKSHOP CONTENT**

This one-day workshop will focus on the HCM 6th Edition's new and updated content, including tools and techniques for analyzing travel time reliability, alternative intersections and interchanges, freeway managed lanes, work zones on streets and highways, and corridors containing a series of roundabouts. The workshop will also highlight the HCM's multimodal analysis capabilities and introduce the companion Planning and Preliminary Engineering Applications Guide to the HCM, which provides simplified versions of HCM methods designed for applications with limited data availability, large study areas, a need for quick answers, and/or a need for a simple assessment of operational sufficiency. A calculator or a smartphone with a calculator app is recommended for performing hands-on examples during the workshop.

### **INSTRUCTORS**

Paul Ryus, P.E. is a principal engineer with the Reston, VA office of Kittelson & Associates, Inc. (KAI). Paul was the research team's technical editor for both the HCM 2010 and the HCM 6th Edition, and is a co-author of the Planning and Preliminary Engineering Applications Guide to the HCM.

Radu Nan, P.E. is a senior engineer in KAI's Boston, MA office. Radu is a co-author of the MassDOT Roundabout Design Guide and has evaluated, conceptualized, or designed over 70 roundabouts in his career with KAI. He's used the HCM 2010 and HCM 6th edition roundabout operations analysis

model within Excel-based tools and SIDRA to evaluate numerous intersection concepts.

### **CONTINUING EDUCATION**

Six (6) Professional Development Hours (PDHs) will be awarded to the workshop participants.

### **TECHNICAL SESSIONS**

#### **PART 1: Student Research Presentation**

- *Exploring Demand for Shared-Modes and Assessing Implications for Public Transit*  
– Raymond Gerte
- *Forecasting Activity-Travel Trends in an Autonomous Vehicle Future Utilizing Multiyear NHTS Data and Sequence Alignment Technique*  
– Jingyue Zhang
- *Traffic Signal Upgrades to Enable a Connected Vehicle Test Bed in Somerville, Massachusetts*  
– Sushma Srinivas

#### **PART 2: The Development of the New Hampshire Department of Transportation Midblock Crossing Design Guideline**

Michael O'Donnell will present on the Department's current practice for permitting and designing midblock pedestrian crossings on State roads, including the use of RRFBs and PHBs.

### **FEE**

\$220\* for private consultants

\$110\* for public employees or retired persons

\*Includes dinner at the NEITE Annual Meeting along w/ handouts, breaks, and lunch.

### **REGISTRATION**

To register for this workshop, please contact:

Lisa Rutherford

Ocean State Signal Company

27 Thurber Boulevard

Smithfield, Rhode Island 02917

Phone (401) 231-6780

Fax (401) 231-4390

Email [lrutherford@oceanstatesignal.com](mailto:lrutherford@oceanstatesignal.com)

### **Make checks and purchase orders payable to: NEITE**

Please, register by Monday, November 27th.

For more information on this training session, please visit our website at [www.neite.org](http://www.neite.org)