2019 NEITS Annual Interchange

Tentative Program Grid

7:30 AM – 8:30 AM
Breakfast
8:30 AM – 9:00 AM
Welcome Address **Monica G. Tibbits-Nutt, AICP, LEED AP BD+C** **MBTA Fiscal Management and Control Board, and Executive Director of the 128 Business Council**
9:00 AM – 10:30 AM
Opening Mega Session: **New England ITS Strategic Plans** **Moderator: Mark Suennen, VHB** **Panelists:** 1. *Marco Pereira, Massachusetts Department of Transportation* 2. *Susan Klasen, New Hampshire Department of Transportation* 3. *Robert White, Vermont Agency of Transportation* 4. *Steve Hunnewell, Maine Department of Transportation* 5. *Russ Holt, Rhode Island Department of Transportation*

10:30 AM – 11:00 AM

Exhibit Hall Open and Poster Presentations

11:00 AM – 12:00 PM

Mega Session: Emerging Mobility in New England and Around the World

Moderator: Carol Schweiger, Schweiger Consulting
Panelists:
1. The Little Roady Autonomous Shuttle Pilot Project: Overview, Updates, & Insights
   Russ Holt – Rhode Island Department of Transportation
2. Mobility as a Service (MaaS): Can it Improve Access in Rural Areas?
   Carol Schweiger – Schweiger Consulting
3. Vermont Statewide Transit Trip Planner
   Ross MacDonald, Vermont Agency of Transportation

12:15 PM – 1:30 PM

<u>Lunch</u>
Sponsor Presentation

<u>NEITS Update</u>
Chris Chaffee, President – New England Intelligent Transportation Society

<u>Keynote Address</u>
Victoria Sheehan – Commissioner, New Hampshire Department of Transportation

<u>NEITS Awards</u>
Joseph M. Sussman Leadership Award

Award of Excellence

Joseph Sussman Student Scholarship

1:30 PM – 3:00 PM	
ITS for Safety **Moderator: Susan Klasen, NHDOT** 1. Intersection Conflict Warning Systems (Mike O'Donnell – New Hampshire Department of Transportation) 2. After Action Review of the Woodrow Wilson Bridge Snooper Truck Incident (Greg Jordan – CATT Lab) 3. Highway Emergency Link Platform (HELP) – a Breakthrough to Improve Safety on Rural and Urban Roads (Amy Lopez – INRIX) 4. Driver Distraction due to Drones in the Vicinity of Roadways (Alyssa Ryan – University of Massachusetts Amherst)	**Hot Topics in ITS** **Moderator: Catherine Burns, Jacobs Engineering** 1. Development of UAS Emergency Service Network for Use in Surface Transportation (Tienan Li – University of Massachusetts Lowell) 2. RIDOT's Transportation System Management & Operations (TSMO) Program (Deanna Peabody, P.E. – TrafInfo; Catherine Burns, Jacobs Engineering) 3. Resilient Bridge Planning in Mozambique: Bridge Failure Risk from Flooding and Climate Change (Sebastian Young – University of New Hampshire) 4. Generate Freeway Origin-Destination Matrices Interactively (Wander A. Boesjes – Moonshadow Mobile, Inc.)

3:00 PM – 4:00 PM
Exhibit Hall Open and Poster Presentations   *Networking/Ice Cream Break*

4:00 PM – 5:30 PM	
Emerging Technologies/Communication **Moderator: Cheryl Lowrance, VHB** 1. As an Early Adopter - How Do You Start a DSRC Implementation? (Brian Reed – WSP) 2. C-470 Managed Lanes Design-Build (ITS/DSRC), Denver, CO. (Colorado Department of Transportation / Flatiron Construction) (John R. Egger – AECOM) 3. Statewide Connectivity (Robert James – HNTB) 4. Cyber Risks to Transportation Systems and how to Mitigate Them (Rick Tiene – Mission Secure, Inc.)	**Third Party Data Management** **Moderator: Chris Chaffee, AECOM** 1. Probe Vehicle Data for Arterial Performance Monitoring (Greg Jordan– CATT Lab) 2. Assessment of Waze Data for Traffic Incident Management Benefits (Ignacio Tous – CATT Lab) 3. Transcom Regional Data System (Bob Glantzberg– Transcom) 4. The Wheel of Problem Solving with Big Data (Paul Ruggeri – Streetlight Data)

5:30 PM – 9:00 PM
Social Event

Poster Session: New England University Intelligent Transportation Research

Poster Authors	Name of Poster
Liming Jiang, Yuanchang Xie, and Tianzhu Ren – University of Massachusetts Lowell	Advanced Merge Control Enabled by Cooperative Adaptive Cruise Control
Liming Jiang, Yuanchang Xie, Nicholas G. Evans, and Pamela G. Robinson – University of Massachusetts Lowell	Modeling the Impacts of Courteous Behavior of Automated Vehicles on Traffic Operations