

The 16th Annual ITS Massachusetts Meeting and Conference

Mobilizing the Regional Economy Through Transportation Technology

Wednesday, April 6th, 2011
State Transportation Building
10 Park Plaza
Boston, MA

Preliminary Program

8:30 a.m. Registration Desk Opens/Exhibits Open

9:15 a.m. ITS Massachusetts Business Meeting and Opening Session

9:30 a.m. Welcome

- **ITS America Update - Scott Belcher, President & CEO, Intelligent Transportation Society of America**
- **Keynote Speaker: James Pol – ITS Joint Programs Office, USDOT Research and Innovative Technology Administration (RITA)**

10:15 a.m. Break/Exhibits

10:30 a.m. Federal ITS Programs Overview

- **Mega Session – The Federal Perspective (Panel Discussion)**

12:00 p.m. Lunch (Provided)/Exhibits/Vendor Presentations

12:45 p.m. Awards Presentation

1:00 p.m. Concurrent Technical Sessions

- **Session 1 - “Transportation Finance: Where are we? How did we get there? And where are we going?”**
- **Session 2 – Hot Topics on Traffic Management Systems**

2:30 p.m. Break/Exhibits

2:45 p.m. Concurrent Technical Sessions

- **Session 3 - Public Transportation - Current Transit Technology Topics**
- **Session 4 - “Managing the Growth of Transportation Management Centers - A Lesson Learned”.**

4:15 p.m. Social Hour

2010–2011 Board of Directors

Erin Bell (Academic) University of New Hampshire
John Collura, Ph. D. (Academic) University of Massachusetts Amherst
Marguerite Zarrillo (Academic) University of Massachusetts Dartmouth
Marybeth Mello (Ex Officio, Non-voting) United States Department of Transportation/FTA
Patrick T. McMahon (At Large) Massachusetts Department of Transportation
Steve Pepin (Public) Massachusetts Department of Transportation
Meryl Ann Mandell (Public) Massachusetts Department of Transportation
Rita Simonelli Jordan (At Large) Massachusetts Port Authority
David Barker (Public) Massachusetts Bay Transit Authority
Shalini Sen (Public) Central Massachusetts Regional Planning Committee
James M. Danila (Past President, Ex Officio) City of Newton
John Colangelo, (Corporate) Traffic Options, LLC
David F. Markt (Chairman of the Board, Corporate) Telvent Farradyne
Carol Schweiger (Corporate) TranSystems Corporation
Russell Couturier (Private) Sendza
Tom Kern (Ex Officio) Intelligent Transportation Society of America
George Schoener (Ex Officio, Non-voting) I-95 Corridor Coalition

2010–2011 Chapter Officers

Robert L. Desrosiers, President, Parsons Transportation
Peter Sutton, Vice-President, Massachusetts Department of Transportation
William Nordstrom, Secretary, Jacobs Edwards and Kelcey, Inc
David Matton, Treasurer, Howard-Stein Hudson

2010–2011 Advisory Council

Stephen Pepin (Chair), Massachusetts Department of Transportation

2010–2011 Committee Chairs

Annual Meeting Committee Chair Peter Sutton, MassDOT
Awareness Committee Vacant
Technical Committee Chair Arne Pavis, Parsons Transportation

Mobilizing the Regional Economy Through Transportation Technology

This year's ITS Massachusetts Annual Meeting will provide you with the most up-to-date information on ITS in Massachusetts! Join us for the largest gathering of the Intelligent Transportation Systems community in the Commonwealth. With a focus on keeping the economy strong, ITS is recognized as a tool to improve not only the efficiency of the Commonwealth's transportation systems, but also has the potential to create jobs. Further, the American Recovery and Reinvestment Act (ARRA) of 2009 has been a major factor in furthering the deployment of transportation technology and innovative strategies. Therefore, building on last year's successful annual meeting, this year's theme, "Mobilizing the Regional Economy Through Transportation Technology" will explore the role of ITS in short- and long-term economic growth. The conference represents a unique opportunity to increase your ITS knowledge and network with the leading ITS transportation professionals in the Commonwealth.

Program

8:30 a.m. Registration Desk Opens/Exhibits Open

9:15 a.m. ITS Massachusetts Business Meeting and Opening Session

9:30 a.m. Welcome: David Markt, Chairman of the Board, ITS Massachusetts

ITS America Update: Scott Belcher, President & CEO, Intelligent Transportation Society of America

Keynote Speaker: James Pol – RITA ITS Joint Programs "High Speed Telecommunications Infrastructure – Lessons learned since the report to Congress"

James Pol is the Team Leader for Program Management and Evaluation in the USDOT ITS Joint Program Office. He was involved in the development of data and information management programs such as traveler information/511, archived data management, transportation management center operations, and road weather management (including the *Clarus* Initiative). James was cited as a national expert in traveler information programs in a 2010 report on the topic by the Government Accountability Office.

James now oversees the independent evaluation of all ITS research conducted by the U.S. Department of Transportation to ensure the greatest validity in costs and benefits information on ITS for stakeholders worldwide. James has a bachelor's in Civil Engineering from Rensselaer Polytechnic Institute, a master's in Computer Systems Management from the University of Maryland, and he is a registered professional engineer in Delaware. James is also a certified Project Management Professional from the Project Management Institute.

10:15 a.m. Break/Exhibits

10:30 a.m. Federal Mega Session

This year's Mega Session will feature representatives from four US DOT Administrations sharing their thoughts, views, and vision for the future of ITS in the Commonwealth and the region from the unique perspective of their offices. In particular, panelists will be asked to discuss the challenges facing the region, and how national ITS initiatives can be used to help serve the regional economy and the traveling public.

Moderator: Ned Codd, Director of Program Development, MassDOT

Panelists:

- Richard Marquis, Acting Administrator, MA Division, Federal Highway Administration
- Richard Bates, Division Administrator, MA District, Federal Motor Carrier Safety Administration
- Mary Beth Mello, Region 1 Administrator, Federal Transit Administration
- Suzanne Sloan, Industry Analyst, Research and Innovative Technology Administration

12:00 p.m. Lunch (Provided)/Exhibits/ Vendor Presentations

12:45 p.m. Awards Presentation: David Markt, Chairman of the Board, ITS Massachusetts

Joseph M. Sussman Leadership Award: John Colangelo, Principal, Traffic Options, LLC

Award of Excellence: Al Stegemann, District 2 Highway Director, MassDOT

1:00 p.m. Concurrent Technical Sessions

Technical Session 1 – "Transportation Finance: Where are we? How did we get there? And where are we going?"

In light of the Annual Meeting's broad theme on mobilizing the region's economy, this session will review the critical actions that must be taken to ensure that sound transportation fiscal policies are developed. Such fiscal policies are a prerequisite in the long run to make vital transportation investments which will aid in stimulating the regional economy.

Two important fiscal actions the session will focus on include implementing reform measures and creating additional revenue streams. Reform measures relate to "changing the way we do business" which have the potential to improve transportation services and/or to reduce capital and operating costs over the life of the project. Creating additional revenues consider modifying existing funding mechanisms such as the fuel tax and developing new revenue streams through tolls and other user based fees. Panelists will each offer their perspectives and insights on how to develop a sustainable transportation fiscal policy

including actions to take in the areas of reform and revenue generation. The panel includes individuals from government, industry, and academia.

Moderator: Stephen Pepin, Manager of Research and ITS Planning Programs, MassDOT

Panelists:

- John Horsley, Executive Director, American Association of State Highway and Transportation Officials
- Thom Dugan, Senior Reform Implementation Manager, MassDOT
- Joseph Aiello, Chief Executive, Meridiam North America Fund
- Daniel Collins, Senior Solutions Executive, IBM Public Sector
- John Collura, Professor of Civil and Environmental Engineering, UMass Amherst
- Leonard Rattigan, Director of Design Build, PB Americas

Technical Session 2 – Hot Topics on Traffic Management Systems

Moderator: Meryl Ann Mandell, I-91 ITS Project Manager, MassDOT

Panelists:

- Jovan Sokolovic, Senior Systems Engineer, Parsons, *“Congestion Management with ATMS.”*
- Kevin McPoland, GarrettCom, *“Ethernet Networked Communications and its Use in Intelligent Transportation Systems”*
- Pete Costello, INRIX, *“Cost Effective Implementation of the New Real-Time System Management Information Program”*
- Scott Smith and Alan Chachich, Research and Innovative Technology Administration, *“Smart Park: Truck Parking Field Operation Test Results”*

2:30 p.m. Break/Exhibits

2:45 p.m. Concurrent Technical Sessions

Technical Session 3 – “Transit Technology Taking Shape in Massachusetts”

More and more transit ITS has been implemented across Massachusetts over the past several years in order to facilitate operations and greatly improve customer service. This session explores technologies for transit that have or are being deployed at the MBTA and regional transit authorities. Topics to be covered include the MBTA's customer information initiative, Pioneer Valley Transit Authority and Worcester Regional Transit Authority ITS projects, and the procurement of automated fareboxes using a consortium of regional transit authorities.

Moderator: Carol Schweiger, Vice President, TranSystems Corporation

Panelists:

- David Barker, Manager of Operations Technology, and Joshua Robin, Director of Innovation and Special Projects, Massachusetts Bay Transit Authority, *“Real-Time Information Sharing at the MBTA”*
- Carolyn Hart-Lucien, Director of IT, Pioneer Valley Transit Authority, *“Pioneer Valley Transit Authority – ITS Challenges and Successes”*
- Stephen O’Neil, Administrator, Worcester Regional Transit Authority, *“ITS – The WRTA Experience”*
- Santosh Mishra, Transportation Analyst, TranSystems Corporation, *“Transit ITS Data Management and Reporting: Practical Considerations”*

Technical Session 4 – “Managing the Growth of Transportation Management Centers - A Lesson Learned”.

Transportation Management Centers are constantly being upgraded, modified or expanded in response to changes in mission or organization, integration of new systems or technologies, as well as in response to product lifecycle issues. This panel will describe some of the changes made to their States centers over the years, with a focus on the operational impacts of implementing these systems.

Moderator: Peter Sutton, Transportation Program Planner, MassDOT

Panelists:

- Joseph A. Bucci, P.E., Managing Engineer – Traffic Management, RIDOT, *“RIDOT TMC Upgrade”*
- Denise Markow, TMC Program Manager, NHDOT, *“New Hampshire's TMC 2007-2011 Managing Traffic Operations and NH's Statewide ITS Program”*

- Michelle Maffeo, Director of ITS/Communication Engineering, MassDOT, “*Event Reporting System Overview*”
 - Eric Podolsky, Manager, Highway Operations Center, MassDOT, “*Highways Operations Center Overview*”
 - Mike Fitzpatrick, Assistant Manager, HOC, MassDOT, “*Event Classification System Overview*”
- 4:15 p.m. Social Hour** (Food and Refreshments Provided)