New England Regional Advanced Transportation Management & Traveler Information

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New England Traveler Information
Why do this?

Regional Situational Awareness
Creating a Regional Base map for Traveler Information

Opportunities to share device control at cross border incidents and send consistent messaging to the traveler

1 input system leads to economies of scale in times of tight budgeting
Delays, Delays, Delays

- Congestion
- Incidents
  Special Events
- Delays
- Roadwork
- Weather
Weather has **BIG** Impacts

- Regional Forecasting & Briefings
- Standardized Messaging
- Standardized Road Conditions
- Standardized Performance Measures
Regional Forecasting & Briefings

Tri-State Resources:
- Vermont – Lyndon State
- NH – Schneider
- Maine – NWS
- Weather Bug, etc.
- MDSS

- Pre-Storm Forecasting
- Now Forecasting
- RWIS Triggers
- On Line Support
- Barking Chain
# Standardized Messaging

## Standardized Prioritization

### Pre-Storm
- Winter Storm
  - Thursday PM
  - Plan Ahead

### During Storm
- Black Ice Possible
  - Slow Down

### After Storm
- Plows in Roadway
  - Use Caution
Standardized Road Conditions

- No Report
- Fair
- Difficult
- Hazardous
2014 Update
Standardized Performance Measures

- Storm Index
- Grip to Bare Pavement
- DMS Usage/Posting
- Speed Downpostings
- % Accuracy of Forecasted Start of Storm
- Stormline Summary
Regional ATMS Weather Requirements

- Standardize Weather Events & Severities
  - NWS Advisories, Watches & Alerts
  - Contracted Weather Services
  - RWIS Trigger Alerts
- DMS Message Content & Prioritization
- Road Conditions Polygon Creation
  - Travel Speed Mapping Overlays
- Icon to Icon Match from ATMS to TIS
- Performance Measurement Reporting
- 1086 Reporting
TIS Requirements

- Weather Events
- Polygon Shaded Events by County
- Message Board Postings
- Text and Email Alerts carry same data from ATMS to TIS
- Subscription Service to receive Alerts for Cross Border events
Next Steps: Maintenance & Traffic Ops

- District to District to Cross Border Storm Status Notifications
- Activation Notifications
- Road Conditions Cross Border Notifications

New England Weather Operations Conference
September 24, 2014
Boston
QUESTIONS?